



HOBART

roig
grupo

HOBART

TÉCNICA DE LAVADO
LAVAVAJILLAS **FP** | **FX**



5 FILIALES

VISIÓ



UN DEL 100%

HOBART

ALTO RENDIMIENTO EN SU COCINA

Nosotros, en HOBART, estamos orgullosos de suministrarle máquinas absolutamente fiables, innovadoras y de máxima calidad para su cocina. Las hemos desarrollado y construido de forma que, puedan superar los retos más exigentes en su rutina de cocina.

Let's make it happen!



HOBART

7 SECTORES

innumerables retos

1 SOLUCIÓN



GASTRONOMÍA

Locales de copas & pubs / Bares & cafeterías /
Hoteles & restaurantes



INDUSTRIA ALIMENTARIA

Hospitales / Residencias para mayores /
Cantinas / Educación - escuelas & universidades



PANADERÍA

Filiales de panadería / producción /
industria panadera



MERCADO DE LA CARNE

Carnicería / industria de
producción cárnica



INDUSTRIA



GLOBAL MARINE



AIRLINE CATERING





LO MEJOR O LO EXCELENTE ¡USTED ESCOGE!

La línea **PROFI**: todo lo que necesita un lavavajillas profesional. La exitosa serie de productos de HOBART se encuentra allí donde es necesario el trabajo limpio de un auténtico profesional, dependiendo del volumen y la suciedad de la vajilla. Una técnica de lavado eficiente con un manejo muy cómodo y costes operativos reducidos. Numerosas opciones para el equipamiento hacen que la línea **PROFI** sea una solución de lavado hecha a medida para los ámbitos de aplicación más variados.

LÍNEA **PROFI**

La línea **PREMAX** es el modelo apropiado para los que aún quieren más. Porque **PREMAX** sienta nuevas bases. Además en todos los ámbitos: gastos de funcionamiento mínimos y un manejo asombrosamente cómodo unidos para conseguir el máximo rendimiento. La línea **PREMAX** es la línea de lavavajillas más rentable e innovadora del mercado. Además del equipamiento de los modelos **PROFI**, **PREMAX** convence por sus propiedades únicas y es el socio ideal para satisfacer las máximas exigencias de una perfecta organización de lavado.

LÍNEA **PREMAX**

LOS MODELOS

¡LE AYUDAMOS A TOMAR UNA DECISIÓN!

PROFI FX

El modelo **PROFI** para un lavado fiable y sencillo de vajilla, cubiertos y vasos. Perfectamente apropiado para las necesidades de los restaurantes, bares y cafés.



PROFI FXL

El modelo **PROFI**, con una profundidad XL, lava sin problemas bandejas de horno, cestas de panadería y cajas de carnicería. De este modo, es el socio ideal para panaderías, carnicerías y establecimientos de comida rápida.



LÍNEA **PREMAX** EXCLUSIVA

PREMAX FP

El modelo **PREMAX** con secado integrado proporciona un resultado de secado impecable. Con un consumo de agua de tan solo 1,0 litro, **PREMAX FP** es el lavavajillas de carga frontal más rentable del mercado. Al mismo tiempo, es el único lavavajillas que puede aplicar vapor de agua caliente en casos de suciedad extrema.



ALTA RENTABILIDAD

LÍNEA **PREMAX** EXCLUSIVA

PROGRAMA ECO

Gran potencia con un consumo reducido

Bajo consumo de agua y tiempos de programa reducidos son factores importantes para reducir los costes y ahorrar tiempo. Los modelos inteligentes HOBART **PREMAX** trabajan con vapor de agua, lo que resulta en ventajas imbatibles:

- los mejores resultados se consiguen con hasta 1,0 l de agua limpia en el aclarado.
- De este modo se reducen el consumo de agua y de detergente en hasta un 60 %.

Los programas cortos aumentan la productividad

El programa más corto en el **PREMAX** FP dura solo 80 segundos. Así, la capacidad de la máquina aumenta hasta un 13 % a 45 cestas/h.

GESTIÓN DE RECURSOS SENSO-ACTIVE

El consumo de agua responsable

La calidad del agua se monitoriza constantemente para adaptar el consumo de agua automáticamente. Si el nivel de suciedad es bajo, el consumo de agua es bajo, por el contrario si la suciedad es alta, el consumo de agua se eleva.

Esto reduce los costes operativos

Solo con la innovadora aplicación de recursos se reducen los costes operativos en un 20 % con respecto a máquinas convencionales.

Sus ventajas

- Resultado seguro del lavado incluso con mucha suciedad.
- Lavavajillas corrige los errores de operación.
- El agua de lavado se regenera siempre con suficiente agua limpia.
- Ya no es necesario vaciar y llenar completamente la máquina.





SISTEMA DE DOBLE CESTA 2IN1

Se duplica el lavado, los costes se reducen a la mitad

Con el sistema de cesta doble, la capacidad de su lavavajillas de carga frontal se verá aumentada notablemente, ya que pueden lavarse dos cestas al mismo tiempo. Para ello se emplea una rejilla extraíble, sobre la que se puede colocar la cesta superior.

Información básica

- Arriba platos con un diámetro máx. de 250 mm.
- Abajo tazas, vasos y cuencos con una altura máx. de 110 mm.

Para usted eso significa

Gracias al aprovechamiento óptimo del lavavajillas, se reduce el consumo de agua, energía y productos químicos hasta un 50 % comparado con el uso normal.





EL MEJOR RESULTADO DEL LAVADO

LÍNEA **PREMAX** EXCLUSIVA

PROGRAMA PARA CUBIERTOS SHINE

Cubertería brillante sin remojo previo ni pulido

Unos cubiertos limpios y brillantes son la tarjeta de presentación de cualquier hostelero. Estos a menudo tienen que lidiar con cubiertos extremadamente sucios en el lavado. Hasta ahora, rara vez se podía evitar el paso del remojo previo de la cubertería. Ahora se puede.

La línea **PREMAX** utiliza vapor de agua caliente a 100 °C para lavar los tenedores, los cuchillos y las cucharas.

Sus beneficios resumidos

- Hasta la suciedad más resistente se disuelve.
- Los residuos de comida solidificados se disuelven y se aclaran.
- Ya no hará falta poner en remojo los cubiertos.

PROGRAMA DE LAVADO PERMANENTE

Ajuste el tiempo de lavado al grado de suciedad

En lugar de usar varias veces el mismo programa estándar con mucha suciedad, con el programa de lavado permanente puede aumentar la duración del lavado en un máx. de 20 minutos. Este programa se puede interrumpir en cualquier momento.

Sus ventajas explicadas rápidamente

- No hace falta repetir todo el ciclo de aclarado.
- No es necesaria una dosificación de detergente ni un aclarado adicional.
- Ahorra tiempo y reduce los costes operativos.

LÍNEA **PREMAX** EXCLUSIVA

SECADO TOP-DRY

Para el mejor resultado de secado

El secado de la vajilla húmeda es arduo y requiere tiempo: el secado HOBART TOP DRY proporciona resultados de secado de primera clase. Con él, tras finalizar el proceso de lavado, el aire húmedo se transforma mediante un acumulador de energía hidrotérmico en aire caliente de secado y se devuelve a la cámara de lavado.

Sus ventajas de forma breve y compacta

- La humedad ya no se deposita sobre los objetos lavados.
- Ya no hay que secar y abrillantar los platos y vasos de forma manual.
- El ambiente de la estancia es más agradable, pues hay un 90 % menos de humedad.
- En las horas punta, en las que hace falta la vajilla más rápido de lo normal, el secado se puede interrumpir en cualquier momento.

Gracias a la entrada de energía adicional que se genera en la cámara de lavado, el sistema es neutro en lo referente al consumo de energía total.

PROGRAMA DE ELIMINACIÓN DE ALMIDÓN

De este modo, sus platos tendrán un tacto liso e impecable

El arroz, las patatas o la pasta son platos que contienen almidón y que dejan marcas visibles en platos y cuencos. Con el paso del tiempo, la vajilla tiene un tacto rugoso y un aspecto mate poco higiénico.

Hacia un nuevo brillo con HOBART

El programa especial de eliminación de almidón se encarga de que sus platos vuelvan a tener un tacto absolutamente liso e impecable. Así obtendrá las siguientes ventajas:

- Deja de ser necesario tratar manualmente la vajilla que se va a lavar con productos de lavado agresivos.
- El programa de eliminación de almidón reduce la carga laboral de su personal y garantiza una vajilla brillante.



EL MEJOR RESULTADO DEL LAVADO

SISTEMA DE FILTRO DE PRECISIÓN GENIUS-X²

Mantiene la solución de lavado permanentemente limpia

El perfeccionado sistema de filtros finos limpia el agua sucia en solo tres pasos y reduce así el consumo de detergente en hasta un 35 %.

El depósito permanece limpio

La suciedad gruesa y los restos de alimentos se recogen en el cesto tamiz y no pueden acceder al depósito.

La suciedad fina se desagua

Pasados 10 segundos, la suciedad fina acumulada se expulsa de la máquina.

El lavado hace el resto

Durante el lavado se recoge el resto de la suciedad fina y se expulsa por bombeo.

Otro punto a su favor

Con el bombeo, el sistema se limpia de forma autónoma, por lo que no es necesaria una limpieza manual.

ÓSMOSIS INVERSA

Elimina las manchas de agua antes de que se generen

¿Manchas desagradables sobre los vasos, los platos o en los cuchillos? Los minerales del agua dejan a menudo residuos visibles sobre los cubiertos, que después de secarse no tienen buen aspecto.



Olvídense de esto: con la ósmosis inversa RO-S opcional, ya no es necesario un engorroso abrillantamiento tras el lavado. Los riesgos higiénicos que pueden surgir con el abrillantamiento a mano también se evitan. Al eliminar todos los minerales que forman manchas, los vasos y platos tienen un aspecto especialmente limpio y salen de la máquina brillantes.

Nota importante

La RO-S independiente está disponible para todos los modelos de carga frontal.



SISTEMA DE CONTROL DE FILTROS

Compruebe si el filtro de cubierta del depósito y el filtro fino están correctamente colocados

Si el sistema de filtración no está correctamente colocado un control emite una advertencia. Cuando el filtro vuelve a posicionarse correctamente, se puede continuar con el lavado.

Para usted eso significa

- La bomba queda protegida ante partículas y cubertería pequeña.
- Ahorra detergente y reduce sus gastos operativos.
- La suciedad queda retenida.

ORIFICIOS CON ÁNGULO DE ROCIADO

Para que la limpieza llegue a todos los rincones

El resultado de lavado depende de varios factores: un aspecto importante es la distribución uniforme del agua y del detergente. Para que los inyectores surtan el efecto más eficaz, Hobart los ha dotado de una forma especial, de manera que, en comparación con sistemas convencionales, pulvericen con más precisión y sobre toda la superficie.

Su ventaja

El resultado de lavado mejora notablemente, sobre todo en las esquinas.

HOBART



FÁCIL MANEJO

LÍNEA **PREMAX** EXCLUSIVA

VAPOSTOP²

Acaba con el escape de nubes de vapor

Si abre su lavavajillas directamente tras el proceso de lavado, le golpeará una nube de vapor caliente.

Para evitarlo de una vez por todas: el innovador VAPOSTOP² extrae con un ventilador los vahos a 60 °C del interior de la máquina y así evita que escape vapor.

Los puntos a nuestro favor, explicados brevemente

- Extraer la vajilla es notablemente más cómodo.
- El vapor no molesta a los clientes de la barra.
- Las barras de madera y las encimeras quedan protegidas.
- Se despide un 90 % menos de vapor a la estancia.

CONTROL VISIOTRONIC-TOUCH

Manejo sencillo para todos

Manejo con un solo botón en combinación con una pantalla táctil a color, no podría ser más sencillo: el control VISIOTRONIC-TOUCH hace que el manejo de su máquina sea muchísimo más fácil y muestra toda la información importante en la pantalla mediante textos e iconos.

Sus ventajas

- Los programas se pueden seleccionar sin problema.
- Los ajustes se realizan con sencillez.
- Toda la información importante está disponible de un vistazo.





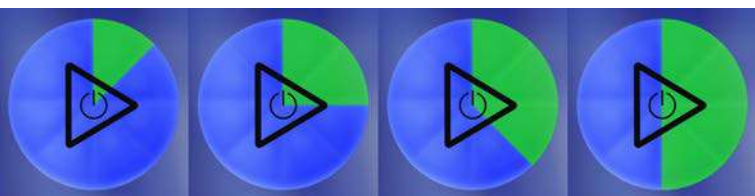
FÁCIL MANEJO

INDICADOR DEL TIEMPO RESTANTE

El proceso de aclarado siempre a la vista

Como ampliación del control VISIOTRONIC-TOUCH, los HOBART lavavajillas muestran el progreso del programa.

- Azul: el programa acaba de iniciarse.
- Parcialmente verde: la máquina está lavando.
- Verde: programa finalizado / máquina preparada para iniciarse.
- Rojo: mensaje de advertencia o de error.



INDICADOR DE NIVEL DE LLENADO

Vigilancia del nivel de llenado eficiente y sencilla

El indicador de nivel de llenado supervisa tanto el contenido del depósito para productos químicos externo como el del integrado. De este modo, siempre recibirá un aviso para rellenar el detergente y el abrillantador, por lo que se garantiza un resultado de lavado duradero e impecable.

PROGRAMA DE HIGIENE

Acaba con gérmenes y bacterias

Con el paso del tiempo se sedimentan en la máquina cal y partículas de suciedad. Con el programa de higiene patentado, los gérmenes y bacterias no tienen ninguna oportunidad.

Para que sepa cuándo debe ejecutar su programa de higiene, se le muestra información en la pantalla. En este caso solo tiene que meter las tabletas de higiene en la máquina e iniciar el programa. Poco más tarde, su lavavajillas vuelve a estar limpio higiénicamente.

Resumen de sus ventajas

- Eliminación rápida de depósitos de cal.
- Los restos de suciedad se eliminan de la máquina.
- Deja un olor agradable.

BRAZOS DE LAVADO Y ACLARADO CLIP-IN

Consiga que la limpieza de la máquina sea lo más fácil posible

Para facilitarle el trabajo, se pueden extraer los dos brazos de lavado y aclarado con el sistema CLIP-IN, con tan solo una mano. Tras la limpieza, también necesita solamente un clic para volver a colocar el juego de limpieza.

BOMBA DE LAVADO SOFT-START

Para un inicio de limpieza silencioso

En bares y bistrós, los lavavajillas a menudo se montan en la zona de la barra y se encuentran muy cerca de los clientes. Para no interferir en sus conversaciones, la bomba de lavado SOFT START proporciona un inicio suave y silencioso.

DESCALCIFICACIÓN DEL AGUA INTEGRADA

Protege de la cal y aumenta la vida útil

El ablandamiento de agua opcionalmente integrable elimina del agua los minerales que la endurecen. Así se evitan los depósitos de cal que pueden causar un alargamiento de los programas, que se quemen los elementos de calentamiento y que los resultados de lavado sean deficientes.



DEPÓSITOS DE PRODUCTOS QUÍMICOS INTEGRABLES

Ahorre espacio y rellene los higienizadores de forma cómoda

Los depósitos de productos químicos integrados para abrillantador y detergente también pueden integrarse en la máquina. Sus grandes aperturas hacen que el rellenado sea cómodo y sin derrames.



INTERFAZ USB

Para una documentación de los datos sin esfuerzo

La temperatura, los mensajes de error y los programas seleccionados deben documentarse permanentemente para su supervisión. De esta ardua tarea se ocupa el control VISIOTRONIC-TOUCH automáticamente.

Reproducción cómoda de datos de operación y de consumo

Para descargar fácilmente los parámetros de higiene y de funcionamiento, el lavavajillas dispone de un puerto USB que permite guardar todos los datos relevantes en una memoria externa.

HOBART



FIABILIDAD Y FLEXIBILIDAD

MULTI-FASE (230/400 V)

Flexibilidad garantizada para la puesta en servicio de la máquina

Opcionalmente, su lavavajillas puede operarse a 230 V o 400 V. La modificación es posible en cualquier momento con un simple cambio de enchufe.

ESPACIO INTERIOR XL

Más espacio para más capacidad

Chapas frontales y traseras, contenedores EN o placas grandes: con la máquina **PROFI FXL**, podrá lavar piezas de gran formato sin esfuerzo. La cámara de lavado XL ampliada ofrece espacio para utensilios de hasta **600 x 400 mm**.



PUERTA AMORTIGUADA DE CIERRE SUAVE

Apertura y cierre suaves y silenciosos

Las puertas del lavavajillas están amortiguadas con muelles neumáticos. Esto protege su vajilla y evita que se desgaste el enganche de la puerta.

Además: la guía plana de las cestas en la parte interior de la puerta permite introducirlas y extraerlas de la máquina sin problema.



HOBART

**WASHSMART
HOBART 4.0**

WASHSMART

APP WASHSMART DE HOBART

Lo más importante de un vistazo

Con la nueva app WASHSMART puede obtener una vista general exhaustiva del estado actual de su lavavajillas de forma gratuita y durante 5 años. Entre otras cosas, se le comunicarán los intervalos de mantenimiento con antelación, los costes operativos actuales y el consumo de productos químicos.

Conexión, información, beneficios

Con base a estos datos, podrá evitar tiempos de inactividad, encargar consumibles directamente desde la aplicación y ponerse en contacto con el propio servicio al cliente del taller o con un taller autorizado con la formación necesaria. Además, WASHSMART ofrece instrucciones ilustradas para pequeñas averías para que las pueda solucionar usted mismo.

Resumen de todas las funciones

- Estado de máquinas (no pierda de vista el estado de todas sus máquinas)
- Mensajes de error (se le informará de errores del sistema mediante notificaciones push)
- Calculadora de costes operativos (visión general de los costes del consumo eléctrico, de agua y de productos químicos)
- Información sobre la higiene (indicación y descarga sencilla de un informe sobre higiene)
- Solicitud de consumibles (pedido sencillo de materiales consumibles)
- Utilización (datos sobre el uso efectivo de la máquina)

Para saber en qué países e idiomas está disponible WASHSMART y obtener más información, diríjase a www.washsmart.info

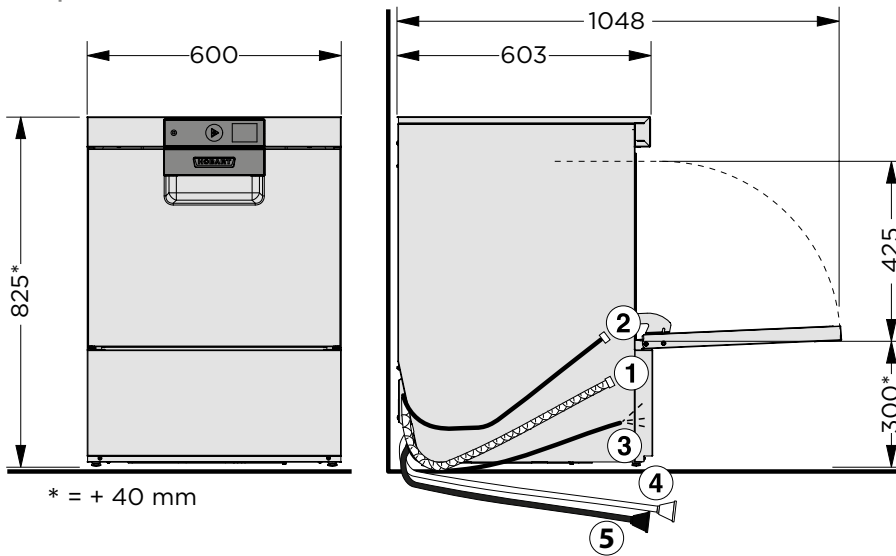


HOBART

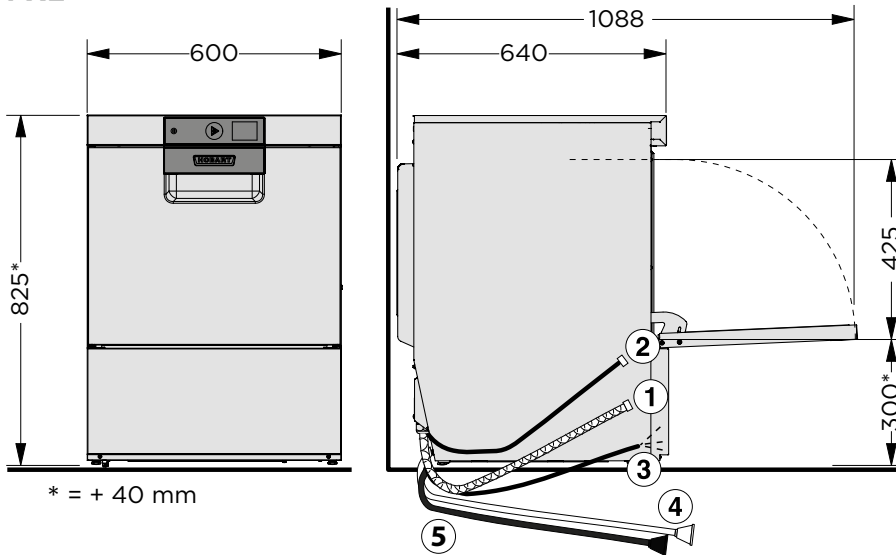


DIBUJOS

FX | FP



FXL



[1] Manguera de desagüe

[2] Conexión de agua fresca

[3] Cable de conexión

[4] Detergente líquido

[5] Abrillantador ^{a)}

^{a)} en las máquinas con llenado por manguera

EQUIPAMIENTO

MODELOS	LÍNEA PROFÍ		LÍNEA PREMAX
	PROFI FX	PROFI FXL	PREMAX FP

ALTA RENTABILIDAD

Programa ECO	-	-	● LÍNEA PREMAX EXCLUSIVA
Gestión de recursos SENSO-ACTIVE	●	●	●
Sistema de doble cesta 2IN1	○	○	○

EL MEJOR RESULTADO DEL LAVADO

Secado TOP-DRY	-	-	● LÍNEA PREMAX EXCLUSIVA
Sistema de filtro de precisión GENIUS-X ²	●	●	●
Ósmosis inversa RO-S no integrada	○	○	○
Sistema de control de filtros	●	●	●
Bomba de aclarado	●	●	●
Orificios con ángulo de rociado	●	●	●
Programa para cubiertos SHINE	-	-	● LÍNEA PREMAX EXCLUSIVA
Programa de lavado permanente	●	●	●
Programa de eliminación de almidón	●	●	●
Cambio de agua	●	●	●

FÁCIL MANEJO

VAPOSTOP ²	-	-	● LÍNEA PREMAX EXCLUSIVA
Módulo WLAN integrado*	●	●	●
App WASHSMART**	●	●	●
Control VISIOTRONIC-TOUCH	●	●	●
Indicador del tiempo restante	●	●	●
Indicador de nivel de llenado	○	○	○
Programa de higiene	●	●	●
Brazos de lavado y aclarado CLIP-IN	●	●	●
Bomba de lavado SOFT-START	●	●	●
Descalcificación del agua integrada	○	○	○
Depósitos de productos químicos integrables	○	○	○
Interfaz USB	●	●	●

FIABILIDAD & FLEXIBILIDAD

Espacio interior XL	-	●	-
Puerta amortiguada de cierre suave	●	●	●
Bomba de desagüe	●	●	●
Multi-fase (230/400 V)	●	●	●

● Incluido

○ Opcional

- No disponible

* Para saber en qué países e idiomas está disponible WASHSMART y obtener más información, diríjase a www.washsmart.info.

** Uso gratuito durante 5 años.

DATOS TÉCNICOS

MODELOS	LÍNEA PROFÍ		LÍNEA PREMAX
	PROFI FX	PROFI FXL	PREMAX FP
DURACIÓN DEL PROGRAMA*	90 / 180 / 360 s y programas especiales	90 / 180 / 360 s y programas especiales	80 / 150 / 170 s y programas especiales
CAPACIDAD			
Cestas	40 /h	40 /h	45 /h
Platos	720 /h	720 /h	810 /h
Vasos	1.440 /h	1.440 /h	1.620 /h
CONTENIDO DEL TANQUE	10,6 l	10,6 l	10,6 l
CONSUMO DE AGUA	2,0 l/cesta	2,0 l/cesta	1,0 l/cesta
POTENCIA DE LA BOMBA	0,5 kW 350 l/min	0,5 kW 350 l/min	0,5 kW 350 l/min
SALIDA TÉRMICA	1,7 kW	1,7 kW	1,7 kW
SALIDA TÉRMICA			
De fábrica	6,2 kW	6,2 kW	6,2 kW
Reducible	2,1 kW	2,1 kW	2,1 kW
CARGA TOTAL			
De fábrica	6,8 kW 3 x 16 A	6,8 kW 3 x 16 A	6,8 kW 3 x 16 A
Reducible	2,7 kW 16 A	2,7 kW 16 A	3,3 kW 16 A
Tensión nominal	400 / 50 / 3N (230 / 50 / 1)	400 / 50 / 3N (230 / 50 / 1)	400 / 50 / 3N (230 / 50 / 1)
DIMENSIONES			
Ancho	600 mm	600 mm	600 mm
Fondo	603 mm	640 mm	603 mm
Altura	825 mm	825 mm	825 mm
Altura de carga	425 mm	425 mm	425 mm
Tamaño de la cesta	500 x 500 500 x 530 mm	500 x 500 500 x 530 mm	500 x 500 500 x 530 mm

El Multi-Phasing permite el uso del lavavajillas alternativamente con 230 V o 400 V. Se pueden realizar los cambios in situ simplemente cambiando las posiciones.

* Para garantizar que se alcanzan temperaturas de aclarado higiénicas, incluso con conexión de agua fría o potencia calorífica reducida, la máquina dispone de un control automático de tiempo del programa.

SOLUCIONES CONCEPTUALES para un resultado de lavado perfecto

TRATAMIENTO DE AGUA

La solución correcta para todas las calidades de agua: Los cartuchos de desmineralización completa y parcial HYDROLINE STAR y STAR EXTRA, así como la instalación de ósmosis inversa HYDROLINE PURE RO-S garantizan un resultado de lavado sin manchas, sin necesidad de abrillantamiento.

DETERGENTE

Para cada aplicación el detergente correcto, perfectamente adaptado a la máquina. La línea de higiene HYLINE.





NUESTRA VISIÓN

Lavar sin agua

Un estudio de mercado intensivo descubrió que nuestros clientes esperan técnicas de lavado que aúnen la mayor rentabilidad con un rendimiento óptimo. Esas expectativas nos sirven de guía y forman la base de nuestra visión de „Lavar sin agua“. Esa visión es nuestro estímulo continuo para recorrer siempre nuevos caminos que vayan reduciendo los consumos de agua, energía y productos químicos. Con rendimientos excelentes queremos acercarnos paso a paso a nuestro objetivo. Lo sabemos ya hoy en día.

» Cuando exista la primera máquina capaz de lavar sin agua, se tratará de una HOBART. «

LA EMPRESA

Somos HOBART

HOBART es líder en el mercado en lavado de vajilla industrial y un fabricante de renombre de equipos de cocción, preparación y tratamiento de residuos. Fundada en 1897 en Troy, Ohio, actualmente HOBART tiene más de 6900 empleados en todo el mundo. En la planta de producción de Offenburg (Alemania), HOBART desarrolla, fabrica y distribuye técnica de lavado de vajillas a todo el mundo. A escala internacional, el sector de la gastronomía y la hostelería, comedores, panaderías y carnicerías, supermercados, compañías aéreas, cruceros, proveedores de componentes automovilísticos, centros de investigación y empresas farmacéuticas apuestan por nuestros productos innovadores, que son líderes en materia de rentabilidad y ecología.



MADE IN GERMANY

Esta promesa de calidad se la ofrecemos a nuestros clientes y un compromiso personal que en HOBART asumen todos los empleados.



NUESTRO ENFOQUE

Innovador - Económico - Ecológico

Ese es nuestro lema. Ser innovadores significa fijar nuevas tendencias tecnológicas, junto con un valor añadido para el cliente. Eso es posible gracias al centro tecnológico y al centro de innovación para la técnica de lavado en nuestra sede en Alemania. Con fuerza innovadora aunada se crean productos altamente eficientes, que van confirmando nuestra posición como líder tecnológico. Ser económicos significa para nosotros fijar tendencias en relación con costes operativos bajos y consumos mínimos de recursos y revolucionar continuamente el mercado. Ser ecológicos significa una manipulación responsable de los recursos y una política energética sostenible. No solo para los productos en uso, sino también para todos los ámbitos de la empresa, como la compra o la producción.

HOBART

Competente - Rápida - Fiable

Los técnicos de servicio HOBART y los talleres autorizados de HOBART son los „auténticos“ especialistas. Gracias a las formaciones intensivas y a años de experiencia, estos técnicos disponen de unos conocimientos únicos y detallados del producto. Las tareas de mantenimiento y reparación se realizan, por lo tanto, siempre con competencia, rápida y fiablemente.



WAREWASHING
GLASSWASHERS

GCP/GP | GC/GX





BETTER OR BEST – IT'S YOUR CHOICE!



PROFI LINE

The **PROFI** line – everything a professional operator needs. The successful product series from HOBART can be found working wherever the highest standards of cleanliness are required, tailored to the volumes to be washed and the degree of soiling of the ware. It combines efficient warewashing with ultimate user-friendliness and low operating costs. Numerous equipment options make **PROFI** line a perfectly suited warewashing solution to suit any operation.

PREMAX LINE

The **PREMAX** line are the perfect models for operators that need a higher level of proficiency. Because **PREMAX** sets standards in all areas. Minimal operating costs and impressive user-friendliness, combined with maximum performance. The **PREMAX** line is the most economical and innovative line of dishwashers on the market. In addition to the features of **PROFI** models, **PREMAX** wins over users with its unique product characteristics and is the ideal partner for the highest standards in a perfect warewashing operation.

PREMAX LINE EXCLUSIVE

The most exclusive **PREMAX** features are labeled with this writing and a gold background.

WE OFFER YOU THE PERFECT SOLUTION

A clean, sparkling glass is the „business card“ of your establishment and one of the first impressions that a guest will receive. All HOBART glasswashers pass this essential test with flying colours – with no need to polish the glasses by hand. Furthermore, innovative technology offers you greater convenience and economy.

- Only from HOBART: the **PREMAX** GCP dries the glasses in the machine. No hand drying is required
- Only from HOBART: steam-free door opening
- The integrated reverse osmosis system RO-I puts an end to manual polishing
- With HOBART you can choose to take cool glasses directly out of the machine
- With a water consumption of just 1.9 l the HOBART glasswashers are the most economical machines of their kind

With our glasswashers from the **PREMAX** and **PROFI** lines we can offer you the perfect solution for your requirements.

Moreover, we also have water treatment products that are tailored to your machine and the perfect chemicals for optimum and long-lasting wash results and a long service performance for the machine itself.

Our extensive rack programme provides you with the right rack for every glass.



HOBART



OUR MODELS



PREMAX GCP

The compact model for sophisticated needs and ease of use. The **PREMAX** GCP is the first glasswasher in the world to deliver dry glasses. With a water consumption of just 1.9 litres it is the most economical glasswasher on the market. No steam escapes when the door is opened. Rack dimensions 400 x 400 mm, compact installation height of 700 mm



PREMAX GP

The premium model with maximum capacity. Ideal for bars and serving counters as no steam escapes when the door is opened. Rack dimensions 500 x 500 mm



PROFI GC

A smaller model for professional use in bars, restaurants and hotels. With a water consumption of just 1.9 litres this is the most economical glasswasher on the market. Rack dimensions 400 x 400 mm, compact installation height of 700 mm



PROFI GXC

The perfect solution for high wash capacity but low installation height under the counter. Rack dimensions 500 x 500 mm, compact installation height of 700 mm



PROFI GX

The large **PROFI** model for bars, restaurants and hotels with high wash capacity. Rack dimensions 500 x 500 mm

See our feature overview for more details.

HIGH LEVEL OF ECONOMY

ACTIVE DRYING

Drying glasses by hand is very time-consuming and labour intensive. Glass breakage and the associated costs as well as the risk of injury occur.

The **PREMAX** GCP is the first commercial glasswasher in the world with integrated ACTIVE drying. Dry, warm air removes the moisture from the glasses and channels it out of the wash chamber.

- No drying by hand is required
- Injuries and additional costs are avoided

SENSO-ACTIVE RESOURCE MANAGEMENT

The entry of dirt into the tank is monitored continuously and water consumption is automatically adapted accordingly. With a low level of soil in the machine, water consumption is low; for a higher level of soil, the machine uses more water.

The advantages are:

- Reliable wash results even with a high level of soil
- Dishwasher compensates for mistakes made by the operating personnel.
- Consistent regeneration of the wash solution with sufficient fresh water
- Complete draining and refilling is not necessary anymore.

2IN1 DOUBLE RACK SYSTEM

Hotels, cafés and bistros with a high turnover of breakfast and coffee tableware can double the capacity of their dishwasher by washing two racks at the same time.

- The top rack accommodates plates with a maximum diameter of 22 cm.
- The bottom rack has room for cups, glasses and small bowls of max. 10 cm height.

The top rack is placed on a pull-out rack carrier.

Thanks to the optimum use of the dishwasher capacity, it is possible to reduce the consumption of water, energy and chemicals by 50 % compared to conventional usage.



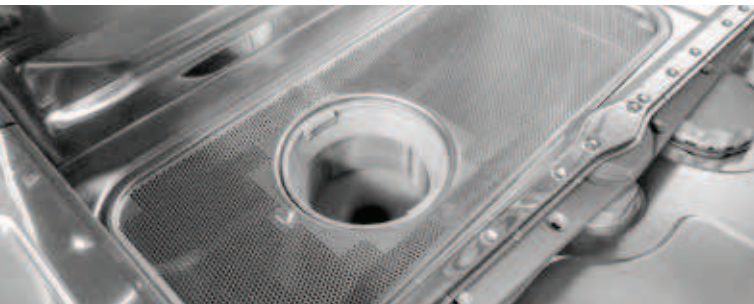
BEST WASH RESULT

GENIUS-X² FINE FILTER SYSTEM

The enhanced GENIUS-X² fine filter system cleans dirty water in three steps and keeps the wash solution clean:

- Coarse dirt and food waste are collected in the strainer basket, preventing them from reaching the tank.
- Fine dirt is collected in the separate fine filter and discharged from the machine after only 10 seconds.
- The residual fine dirt is collected during washing. It is drained before rinsing.

The GENIUS-X² fine filter system auto-cleans during pump-out, reducing the detergent consumption by more than 35 %.



WIDE ANGLE NOZZLES

Wash efficiency largely depends on the distribution of the wash water and on avoiding any masked areas. Here, spray angles and the precision of the wash jets are vital factors.

The patented wide angle nozzles provide a substantially broader and more precise spray fan. Compared to conventional systems, the wash water is distributed more efficiently.

- Unsprayed areas are avoided.
- The wash result, especially in the corners, is considerably improved.



OSMOSIS IN DRAWER FORMAT

Minerals in the water leave unattractive stains on drying glasses and cutlery, which need to be polished by hand for perfect results. This process is labour-intensive and also carries hygienic risks.

The optional HYDROLINE PURE RO-I reverse osmosis process removes the minerals that cause this residue and prevents the appearance of water stains.

- Glasses and cutlery leave the machine sparkling clean.
- Manual polishing becomes a thing of the past.

The osmosis unit can be fitted underneath the dishwasher or placed next to it.



HOBART



BEST WASH RESULT

SPECIAL PROGRAMMES

As glasswashing has special requirements regarding temperatures and water quantity, individual programmes are necessary.

- **Intensive programme:** Glasses of critical shape are rinsed with an increased quantity of fresh water to remove alkalinity also from the interior glass surface.
- **Cold rinsing:** Cooling of glasses directly after the hot wash cycle. During peak hours in bars or restaurants glasses can be re-used immediately. The drink doesn't get warm and the beer will keep a steady, finely porous foam.
- **Basic cleaning programme:** New glasses often have a protective covering. With the special basic cleaning cycle coverings can be removed before the first use.

Specially designed precision nozzles optimise the water distribution, so that in the **PREMAX** GCP and the **PROFI** GC only 1,9 l of water are used per rack. The consumption of water, detergent and energy can be reduced by up to 35 %.



INTERLOCKED STRAINER

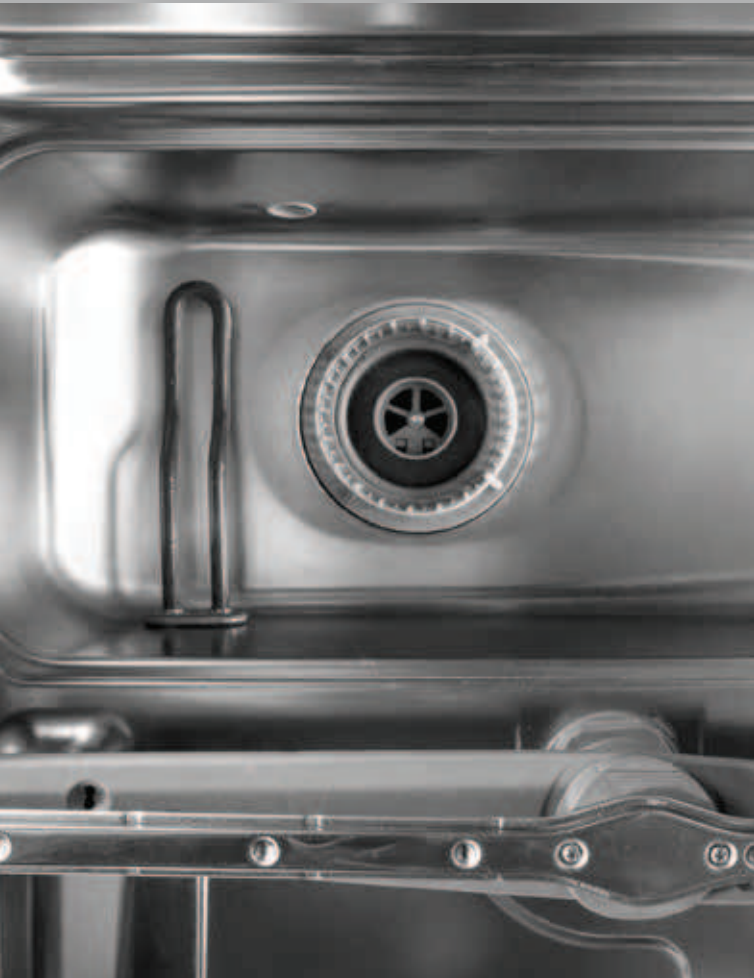
The interlocked strainer permanently checks whether the tank cover strainer and the fine filters are in the proper position:

- This protects the pump from pieces of broken glass or china and from small espresso spoons,
- Retains dirt and ensures optimum results.
- You benefit by a reduction of detergent consumption and operating costs.

If the strainer system is not in the proper position, the control signals an alarm.

The wash cycle can only be activated if the strainer is correctly positioned.





EASY HANDLING

VAPOSTOP

When opening a conventional glass washer or dishwasher, hot steam escapes from the machine.

The VAPOSTOP door system extracts the moisture-saturated air by means of a multi-stage fan, preventing the escape of steam when the door is opened.

- This makes removing the wash ware much easier for the personnel.
- The guests at the bar are not disturbed by escaping steam.
- Wooden bar tops and kitchen cabinets are protected.
- 45 % less steam escapes into the room.

VISIOTRONIC CONTROL

Thanks to the large START button combined with a text and graphics display, the machine is far easier to operate:

- All important information is available at a glance
- Easy selection of programmes
- Easy settings

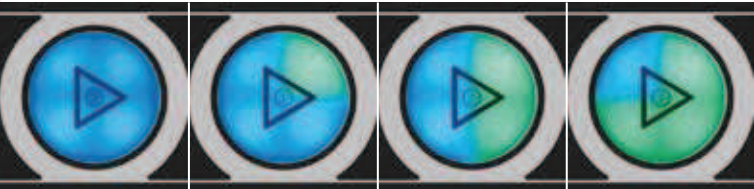
As soon as the machine recognizes that you need information, the display auto-activates and provides all necessary information.



REMAINING TIME INDICATOR

In support of VISIOTRONIC control, the big start button of the dishwasher indicates the progress of the programme:

- Blue: Programme just started
- Partly green: Rinsing
- Green: Programme finished / machine ready to start
- Red: Error



HYGIENE PROGRAMME

Over time, limescale and dirt particles can build up inside the machine. The patented hygiene programme was developed to eliminate this soil:

- Removes limescale deposits
- Cleans the machine from dirt residues
- Provides a fresh smell

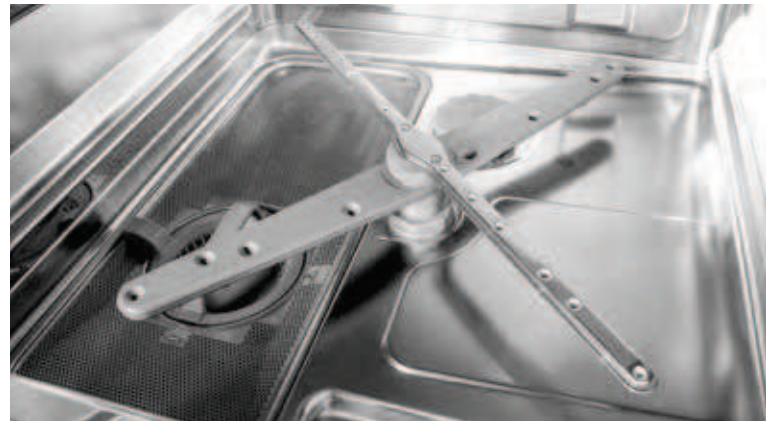
The machine's display shows you when to run the hygiene programme. Simply put a hygiene tab in the machine and start the hygiene programme. The machine will be clean and hygienic in next to no time.



CLIP-IN WASH AND RINSE ARMS

To make machine cleaning even more operator-friendly, both wash and rinse arms can be lifted out of the wash chamber using the CLIP-IN wash system in a single step.

After cleaning, the wash and rinse arms are replaced just as easily with no tools required.

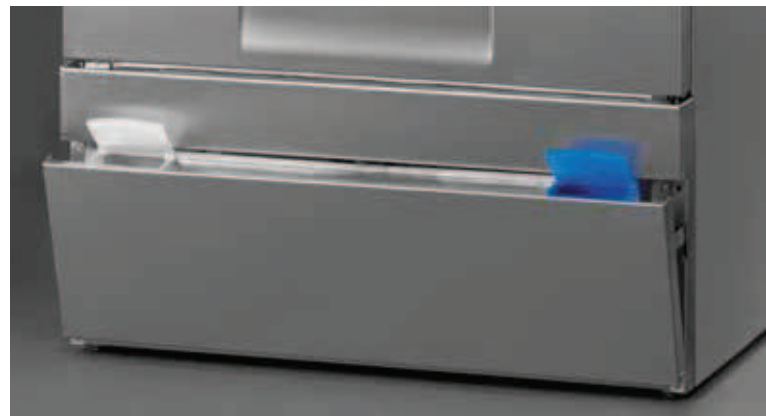


INTEGRATED CHEMICAL CONTAINERS

Large integrated containers for rinse aid and detergent can be installed in the machine. They reduce the refill frequency and free up space near the machine.

The large container openings make it easy to refill the containers without spillage in the course of daily cleaning.

The fill level indicator shows on the display when it is time to refill detergent and rinse aid to ensure optimum wash results.



HOBART



PREMAX



60s Short ↑

90s Standard |

120s Intensive ↓

HOBART

EASY HANDLING

REFILL SIGNAL

The integrated fill level indicator monitors the contents of external as well as integrated chemical canisters.

It indicates well in advance when detergent and rinse aid need refilling. This ensures effective long-term wash results.

SOFT-START WASH PUMP

In bars and bistros glass or dishwashers are often installed under the counter, close to guests. Due to this direct proximity, the machines must be particularly silent.

The SOFT-START wash pump considerably reduces the noise emission at startup of the wash programme.

RELIABILITY & FLEXIBILITY

SMOOTH COUNTERBALANCED DOOR

The flat rack slides on the inner door make rack loading and unloading easy.

Gas-filled shock absorbers give the door a soft and noiseless closing action.

- Protects valuable wash ware in the dishwasher
- Protects the door suspension from wear



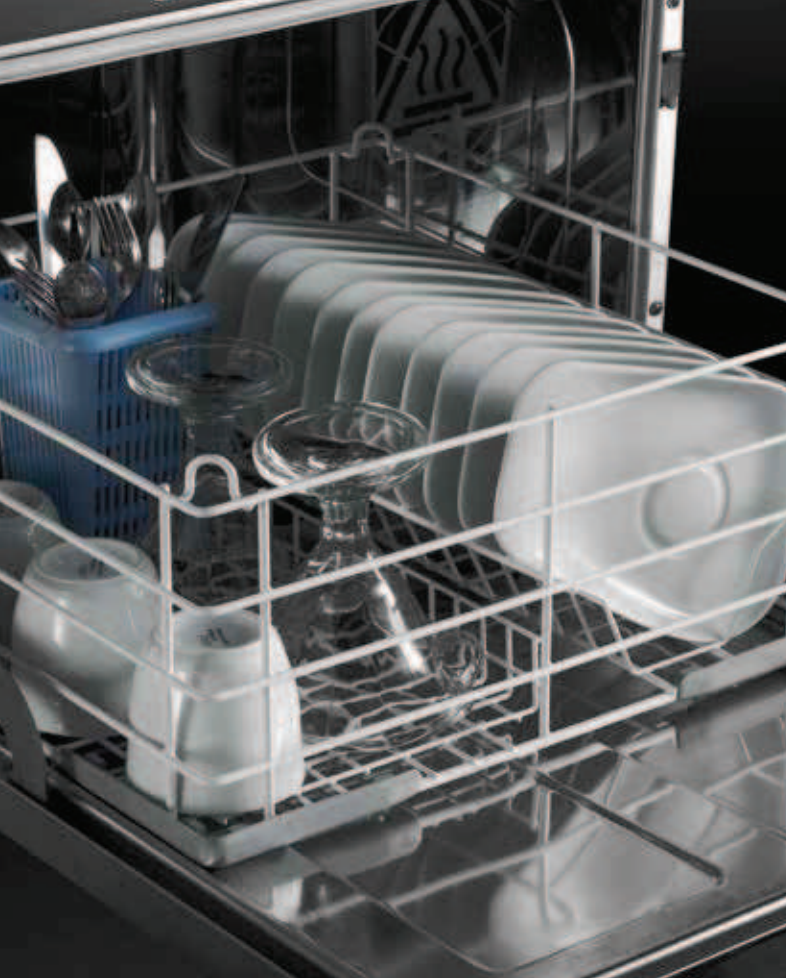
MULTI PHASING (230/400 V)

Multi-Phasing gives you flexibility: It allows the operation of the machine either on 230 V or 400 V. According to the local situation, the phasing can be changed at any time by simple plugging.

700 MM INSTALLATION HEIGHT

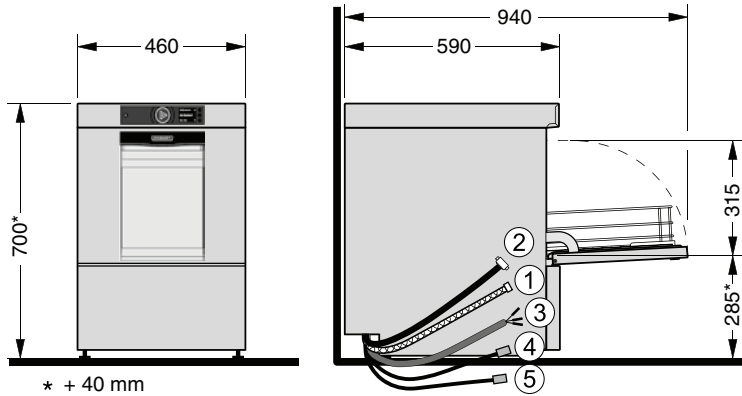
The installation height under bars and counters is often very low. HOBART offers a solution with its **PREMAX** GCP, **PROFI** GC and **PROFI** GXC models: With an installation height of just 700 mm these models fit well into any bar situation.

HOBART

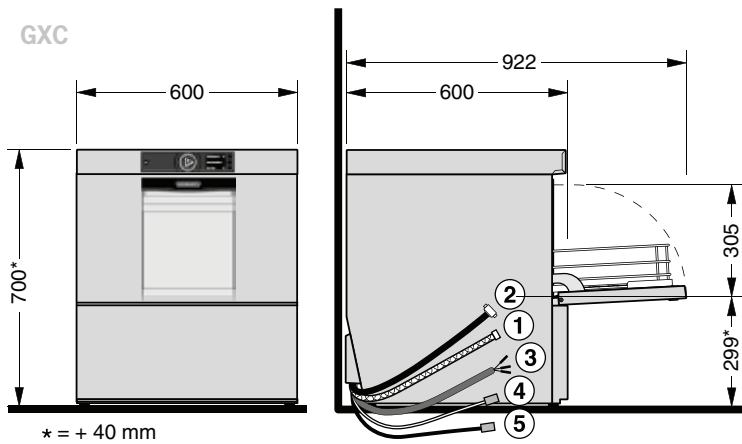


DRAWINGS

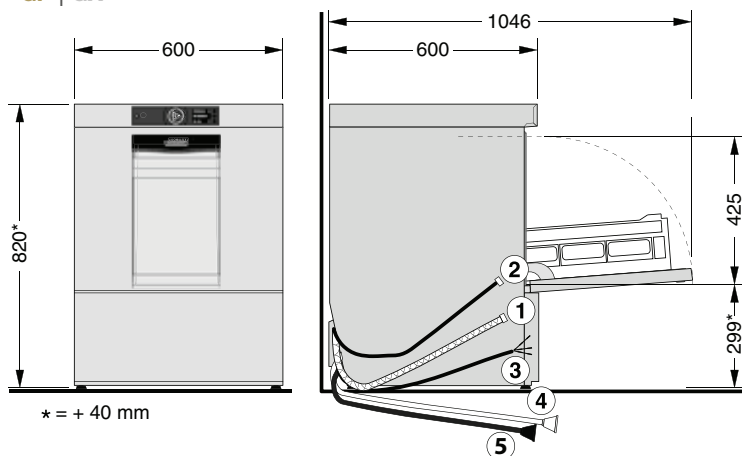
GCP | GC



GXC



GP | GX



① flexible drain hose

② fresh-water connection

③ power cord

④ hose for detergent^{a)}

⑤ hose for rinse aid^{a)}

^{a)} for machines with external containers



FEATURES

MODEL	PROFI LINE			PREMAX LINE	
	GC	GXC	GX	GCP	GP
HIGH LEVEL OF ECONOMY					
ACTIVE drying	-	-	-	● PREMAX LINE EXCLUSIVE	-
SENSO-ACTIVE resource management	-	●	●	-	●
2IN1 double rack system	-	-	○	-	○
BEST WASH RESULT					
Basic cleaning cycle	●	●	●	●	●
Intensive programme	●	●	●	●	●
Cold rinsing*	●	-	●	●	●
GENIUS-X ² fine filter system	●	●	●	●	●
Osmosis in drawer format	○	○	○	○	○
Rinse pump	●	●	●	●	●
Interlocked strainer	●	●	●	●	●
Wide angle nozzle	●	●	●	●	●
EASY HANDLING					
VAPOSTOP	-	-	-	● PREMAX LINE EXCLUSIVE	● PREMAX LINE EXCLUSIVE
VISIOTRONIC control	●	●	●	●	●
Remaining time indicator	●	●	●	●	●
Hygiene programme	●	●	●	●	●
CLIP-IN wash and rins arms	●	●	●	●	●
Integrated water softener	○	○	○	○	○
Refill signal	○	●	●	○	●
SOFT-START wash pump	●	●	●	●	●
RELIABILITY & FLEXIBILITY					
Smooth counterbalanced door	●	●	●	●	●
Drain pump	●	●	●	●	●
Multi-Phasing (230/400 V)	●	●	●	●	●
700 mm installation height	●	●	-	●	-

● Inclusive ○ Optional - Not available
 * not available for GCS-20A, GX-11A and GXS-11A

TECHNICAL DATA

MODEL	PROFI LINE			PREMAX LINE	
	GC	GXC	GX	GCP	GP
CYCLE TIMES*	75 / 120 sec. and special cycles	60 / 90 / 120 sec. and special cycles	60 / 90 / 120 sec. and special cycles	75 / 120 sec. and special cycles	60 / 90 / 120 sec. and special cycles
CAPACITY					
Racks	48 /h	60 /h	60 /h	48 /h	60 /h
Glasses	960 /h	2,160 /h	2,160 /h	1,008 /h	2,160 /h
TANK CAPACITY	8 l	10.6 l	10.6 l	8 l	10.6 l
WATER CONSUMPTION	1.9 l/rack	2 l/rack	2 l/rack	1.9 l/rack	2 l/rack
WASH PUMP	0.6 kW 220 l/min	0.6 kW 350 l/min	0.6 kW 350 l/min	0.6 kW 220 l/min	0.6 kW 350 l/min
Tank heating	0.8 (with cold rinse 2.4) kW	0.8 kW	0.8 (with cold rinse 2.5) kW	0.8 (with cold rinse 2.4) kW	0.8 (with cold rinse 2.5) kW
BOOSTER LOADING					
Standard	4.2 kW	6.2 kW	6.2 kW	4.2 kW	6.2 kW
Alternative	2.8 kW	2.1 kW	2.1 kW	2.8 kW	2.1 kW
TOTAL LOADING					
Standard	5.4 (with cold rinse 4.6) kW 3 x 16A	7.7 kW 3 x 16 A	7.7 (with cold rinse 7) kW 3 x 16 A	4.7 kW 3 x 16A	7.7 (with cold rinse 7) kW 3 x 16 A
Alternative	3.2 kW 16 A	3.6 kW 16 A	3.6 (with cold rinse 3.3) kW 16 A	3.3 kW 3 x 16A	3.6 (with cold rinse 3.3) kW 16 A
Power supply	400 / 50 / 3N (230 / 50 / 1)	400 / 50 / 3N (230 / 50 / 1)	400 / 50 / 3N (230 / 50 / 1)	400 / 50 / 3N (230 / 50 / 1)	400 / 50 / 3N (230 / 50 / 1)
DIMENSIONS					
Width	460 mm	600 mm	600 mm	460 mm	600 mm
Depth	590 mm	600 mm	600 mm	590 mm	600 mm
Height	700 mm	700 mm	820 mm	700 mm	820 mm
Loading height	315 mm	305 mm	425 mm	315 mm	425 mm
Rack size	400 x 400 mm	500 x 500 mm	500 x 500 mm	400 x 400 mm	500 x 500 mm

Multi-Phasing allows the operation of the same machine either on 230 V or 400 V. The change is done by simple plugging on site when installing the machine.

* The machine is equipped with an automatic cycle-time control which ensures hygienic rinse temperatures even on a cold-water supply or with reduced heating performance.

CONCEPT SOLUTIONS FOR OPTIMISED WASHING RESULTS

WATER TREATMENT

The right solution for every water quality: The partial and total desalination cartridges HYDROLINE STAR and STAR EXTRA and the HYDROLINE PURE RO-I and RO-C reverse osmosis systems guarantee spotless wash results with no additional polishing required.

WASHING CHEMICALS

The right detergent for every application – perfectly suited to the individual machine. **The HYLINE hygienic range.**





HOBART



PREMAX

INNOVATIVE



HOBART

ECONOMICAL



HOBART

ECOLOGICAL

THE COMPANY

HOBART is the world market leader in commercial warewashing technology and renowned manufacturer of cooking, food preparation and waste technology. Established 1897 in Troy, Ohio, HOBART today employs more than 6,900 employees around the world. At our manufacturing plant in Offenburg, Germany, HOBART develops, produces, and distributes warewashing technology worldwide. All over the world, the hotel and catering trade, cafeterias, bakeries and butcher shops, supermarkets, airlines, cruise ships, automotive suppliers, research centres and pharmaceutical companies swear by our innovative products, which are considered to be economical and ecological market leaders.

OUR FOCUS

INNOVATIVE - ECONOMICAL - ECOLOGICAL

This is our philosophy. To us, innovation means continuously setting new standards in technology, combined with real added value for the customer. An enterpriseowned technological centre and an innovation centre for warewashing technology at our headquarters in Germany make this possible. Highly efficient products are created with bundled innovation, which continuously confirm our status as technological leader. To be economical means to set standards in relation to the lowest operating costs and minimal use of resources, and to revolutionise the market continuously. To be ecological means a responsible handling of resources and a sustainable energy policy. This applies not only to the product in use, but in general to all areas of the organisation, such as purchasing or manufacturing.

WHENEVER THE FIRST
MACHINE WILL BE CAPABLE OF
WASHING WITHOUT WATER –
IT WILL BE A HOBART.

We provide this promise of quality to our customers, and it represents our personal standard upheld by all our staff at HOBART.

OUR VISION - WASH WITHOUT WATER

Intensive market research has shown, that our customers expect warewashing technology that combines efficiency with optimal performance. We hold ourselves to these claims, and they form the foundation for our vision of „washing without water“. This vision is our continuous incentive to walk on new paths in order to constantly reduce the water, energy and chemical consumption. Step by step, we would like to come closer to our goal with innovative excellence, and we already know: Whenever the first machine will be capable of washing without water – it will be a HOBART.

HOBART COMPETENT - FAST - RELIABLE

HOBART service technicians as well as HOBART service partners are the “real” experts. Thanks to intensive training and many years of experience, these technicians have a unique and profound knowledge of the product. Maintenance and repair work is therefore always carried out professionally, fast, and reliably.





WAREWASHING
UNDERCOUNTER DISHWASHERS

FP | FX





BETTER OR BEST – IT'S YOUR CHOICE!



PROFI LINE

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PREMAX LINE EXCLUSIVE

The most exclusive **PREMAX** features are labeled with this writing and a gold background.

WE OFFER YOU THE PERFECT SOLUTION

Are you looking for a dishwasher with perfect long-lasting wash results? Then HOBART is the right choice for you.

However, for us that is just the basic requirement of a dishwasher. In order to make the whole washing process even more convenient and pleasant for you the models from the **PROFI** and **PREMAX** line provide a variety of unique features.

With a water consumption of just 1.0 litre the **PREMAX FP** is guaranteed to be the most economical undercounter dishwasher on the market.

Only HOBART gives you a dishwasher that emits no steam when you open the door.

HOBART intelligent dishwashers detect the level of dirt and adjust the volume of water and rinse aid automatically in the current programme.

With the HOBART double rack system you can easily double your wash capacity and save up to 50% on operating costs.

Only HOBART has all the key functions of a dishwasher integrated in a single button. Additional information is available on a display that is activated by a proximity sensor. Operation is intuitive and easy for anyone to follow.

With our extensive range of models we offer the perfect solution for your requirements.



HOBART

PREMAX



80s Short ↑
150s Standard |
170s Eco ↓

HOBART

OUR MODELS



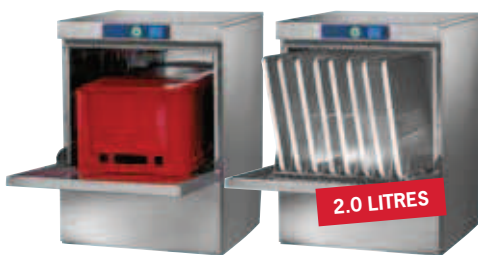
PREMAX FP

With a water consumption of just 1.0 l it is the most economical undercounter dishwasher on the market and also the only undercounter dishwasher that can use hot steam to manage extreme levels of dirt.



PROFI FX

The **PROFI** model for reliable and simple washing of tableware, cutlery and glasses. Ideally suited for use in restaurants, bistros and cafés.



PROFI FXL

The **PROFI** model with the XL depth of the chamber cleans baking trays and meat trays with no trouble. This makes it the ideal partner for bakers, butchers and fast food outlets.

See our feature overview for more details.



HIGH LEVEL OF ECONOMY

PREMAX LINE EXCLUSIVE

ECO PROGRAMMES

Low water consumption and short cycle times are important factors to reduce costs and save time. The intelligent HOBART **PREMAX** models work with waste steam. This has incomparable benefits:

- Best results are achieved with only 1,0 l of fresh water in the rinse
- This reduces the water and detergent consumption by 60 %

Higher washing temperature reduce the cycle times:

- The shortest cycle only takes 80 seconds.
- The capacity of the machine is increased by 13 % to 45 racks/h.

SENSO-ACTIVE RESOURCE MANAGEMENT

The entry of dirt into the tank is monitored continuously and water consumption is automatically adapted accordingly. With a low level of soil in the machine, water consumption is low; for a higher level of soil, the machine uses more water.

The advantages are:

- Reliable wash results even with a high level of soil
- Dishwasher compensates for mistakes made by the operating personnel.
- Consistent regeneration of the wash solution with sufficient fresh water
- Complete draining and refilling is not necessary anymore.

2IN1 DOUBLE RACK SYSTEM

Hotels, cafés and bistros with a high turnover of breakfast and coffee tableware can double the capacity of their dishwasher by washing two racks at the same time.

- The top rack accommodates plates with a maximum diameter of 22 cm.
- The bottom rack has room for cups, glasses and small bowls of max. 10 cm height.

The top rack is placed on a pull-out rack carrier.

Thanks to the optimum use of the dishwasher capacity, it is possible to reduce the consumption of water, energy and chemicals by 50 % compared to conventional usage.



BEST WASH RESULT

SHINE CUTLERY CYCLE

Shining cutlery is a restaurant's signature. However, cutlery with extremely stubborn dirt deposits used to require soaking before washing.

The **PREMAX** line cleans forks, knives and spoons with 100 °C hot waste steam.

- The steam removes even the most stubborn dirt deposits.
- Solid c is broken down and rinsed off.
- There is no need to pre-soak the cutlery.

PERMANENT WASH PROGRAMME

Use the permanent wash programme provided as standard to adapt the washing time for heavily soiled wash ware: Simply prolong the wash time.

Instead of running a standard programme repeatedly for heavily soiled wash ware, select the permanent wash programme with a longer wash time of max. 20 minutes.

This avoids a repetition of the entire rinse cycle:

- No additional detergent dosing or rinsing is necessary
- You benefit by savings of time and operating costs.

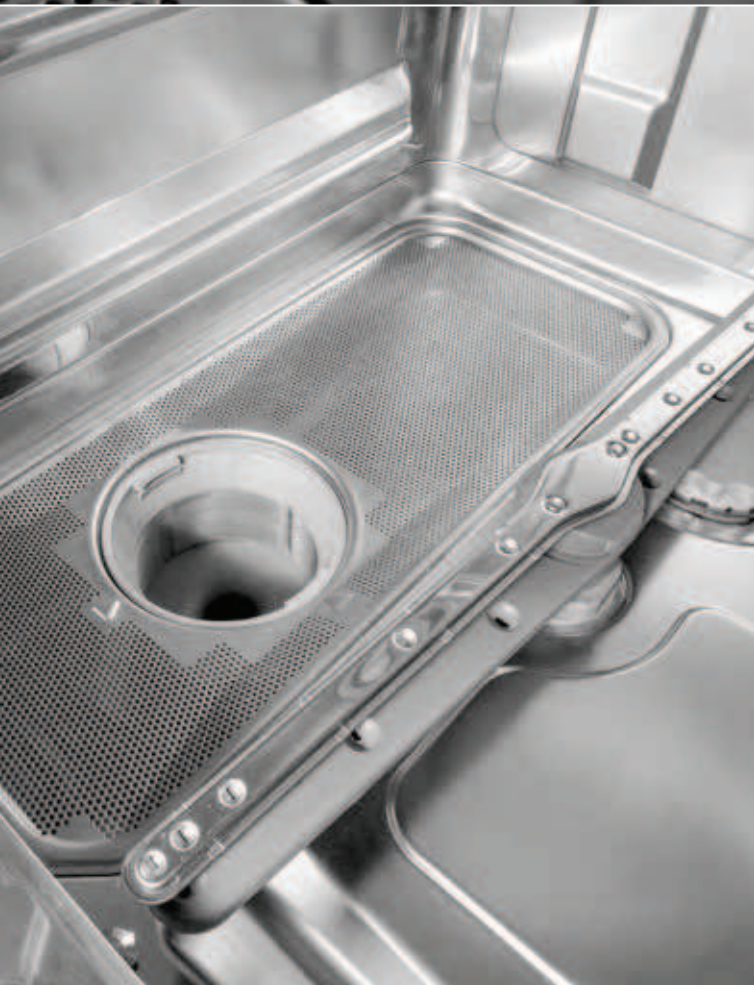
PERFECT DRYING MANAGER

After completion of the washing cycle, a multi-stage fan extracts the moist air from the washing chamber. This prevents moisture from depositing on the wash ware,

- ensuring fast and even drying of the wash ware in your dishwasher.
- Furthermore, the wash ware cools down faster and can be used immediately.
- The room climate feels more agreeable because 45% less moisture is generated.

In peak times when you cannot wait for the end of the washing cycle, you can interrupt the drying process at any time.





BEST WASH RESULT

STARCH-REMOVAL CLEANING PROGRAMME

Foods like rice, potatoes and pasta leave starch deposits on the wash ware. Often, these deposits make the plate rough to the touch. This gives the guests the impression that the plate is not hygienically clean.

The special starch-removal cleaning programme removes the starch from the wash ware, and your plates feel completely smooth and clean again.

- There is no more need for inconvenient and time consuming manual cleaning using aggressive detergents.
- The starch-removal cleaning programme cycle eases the workload of your staff and guarantees clean and shining crockery.

GENIUS-X² FINE FILTER SYSTEM

The enhanced GENIUS-X² fine filter system cleans dirty water in three steps and keeps the wash solution clean:

- Coarse dirt and food waste are collected in the strainer basket, preventing them from reaching the tank.
- Fine dirt is collected in the separate fine filter and discharged from the machine after only 10 seconds.
- The residual fine dirt is collected during washing. It is drained before rinsing.

The GENIUS-X² fine filter system auto-cleans during pump-out, reducing the detergent consumption by more than 35 %.

OSMOSIS IN DRAWER FORMAT

Minerals in the water leave unattractive stains on drying Plates and cutlery, which need to be polished by hand for perfect results. This process is labour-intensive and also carries hygienic risks.

The optional HYDROLINE PURE RO-I reverse osmosis process removes the minerals that cause this residue and prevents the appearance of water stains.

- Dishes and cutlery leave the machine sparkling clean.
- Manual polishing becomes a thing of the past.

The osmosis unit can be fitted underneath the dishwasher or placed next to it.



INTERLOCKED STRAINER

The interlocked strainer permanently checks whether the tank cover strainer and the fine filters are in the proper position:

- This protects the pump from pieces of broken glass or china and from small espresso spoons,
- retains dirt and ensures optimum results.
- You benefit by a reduction of detergent consumption and operating costs.

If the strainer system is not in the proper position, the control signals an alarm.

The wash cycle can only be activated if the strainer is correctly positioned.



WIDE ANGLE NOZZLES

Wash efficiency largely depends on the distribution of the wash water and on avoiding any masked areas. Here, spray angles and the precision of the wash jets are vital factors.

The patented wide angle nozzles provide a substantially broader and more precise spray fan. Compared to conventional systems, the wash water is distributed more efficiently.

- Unsprayed areas are avoided.
- The wash result, especially in the corners, is considerably improved.





EASY HANDLING

PREMAX LINE EXCLUSIVE

VAPOSTOP

When opening a conventional glass washer or dishwasher, hot steam escapes from the machine.

The VAPOSTOP door system extracts the moisture-saturated air by means of a multi-stage fan, preventing the escape of steam when the door is opened.

- This makes removing the wash ware much easier for the personnel.
- The guests at the bar are not disturbed by escaping steam.
- Wooden bar tops and kitchen cabinets are protected.
- 45 % less steam escapes into the room.

VISIOTRONIC CONTROL

Thanks to the large START button combined with a text and graphics display, the machine is far easier to operate:

- All important information is available at a glance
- Easy selection of programmes
- Easy settings

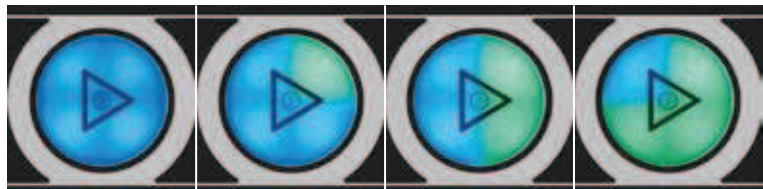
As soon as the machine recognizes that you need information, the display auto-activates and provides all necessary information.



REMAINING TIME INDICATOR

In support of VISIOTRONIC control, the big start button of the dishwasher indicates the progress of the programme:

- Blue: Programme just started
- Partly green: Rinsing
- Green: Programme finished / machine ready to start
- Red: Error



HYGIENE PROGRAMME

Over time, limescale and dirt particles can build up inside the machine. The patented hygiene programme was developed to eliminate this soil:

- Removes limescale deposits
- Cleans the machine from dirt residues
- Provides a fresh smell

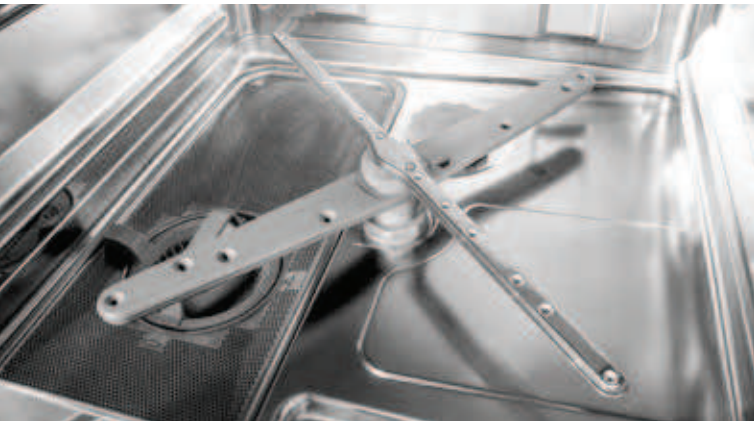
The machine's display shows you when to run the hygiene programme. Simply put a hygiene tab in the machine and start the hygiene programme. The machine will be clean and hygienic in next to no time.



CLIP-IN WASH AND RINSE ARMS

To make machine cleaning even more operator-friendly, both wash and rinse arms can be lifted out of the wash chamber using the CLIP-IN wash system in a single step.

After cleaning, the wash and rinse arms are replaced just as easily with no tools required.



INTEGRATED WATER SOFTENER

As one of the minerals solved in the water, limescale is responsible for deposits on machine parts and burnt-out heating elements. Dishwashers can be equipped with an integrated water softener. The automatic water softening process ensures the smooth operation of the dishwasher. The optional water softening unit protects the dishwasher- and in particular the heating elements in the boiler – from calcification.



SOFT-START WASH PUMP

In bars and bistros glass or dishwashers are often installed under the counter, close to guests. Due to this direct proximity, the machines must be particularly silent.

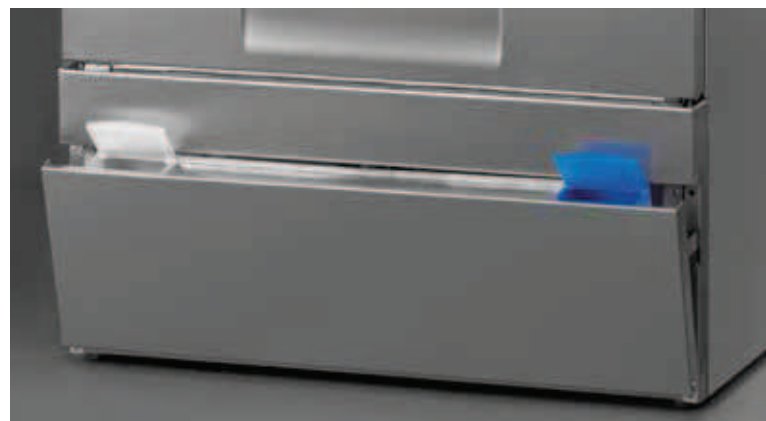
The SOFT-START wash pump considerably reduces the noise emission at startup of the wash programme.

INTEGRATED CHEMICAL CONTAINERS

Large integrated containers for rinse aid and detergent can be installed in the machine. They reduce the refill frequency and free up space near the machine.

The large container openings make it easy to refill the containers without spillage in the course of daily cleaning.

The fill level indicator shows on the display when it is time to refill detergent and rinse aid to ensure optimum wash results.



REFILL SIGNAL

The integrated fill level indicator monitors the contents of external as well as integrated chemical canisters.

It indicates well in advance when detergent and rinse aid need refilling. This ensures effective long-term wash results.

HOBART



RELIABILITY & FLEXIBILITY

XL WASH CHAMBER

In bakeries, besides coffee dishes also presentation trays and baking trays are washed. In butcheries and the meat processing industry additionally EN-boxes and large sheets have to be washed.

Due to the enlarged XL wash chamber, the **PROFI FXL** model offers space for wash ware up to 600 x 400 mm. This XL wash chamber has room for:

- GN trays
- Trays
- Butchery boxes
- Bakery baskets



SMOOTH COUNTERBALANCED DOOR

The flat rack slides on the inner door make rack loading and unloading easy.

Gas-filled shock absorbers give the door a soft and noiseless closing action.

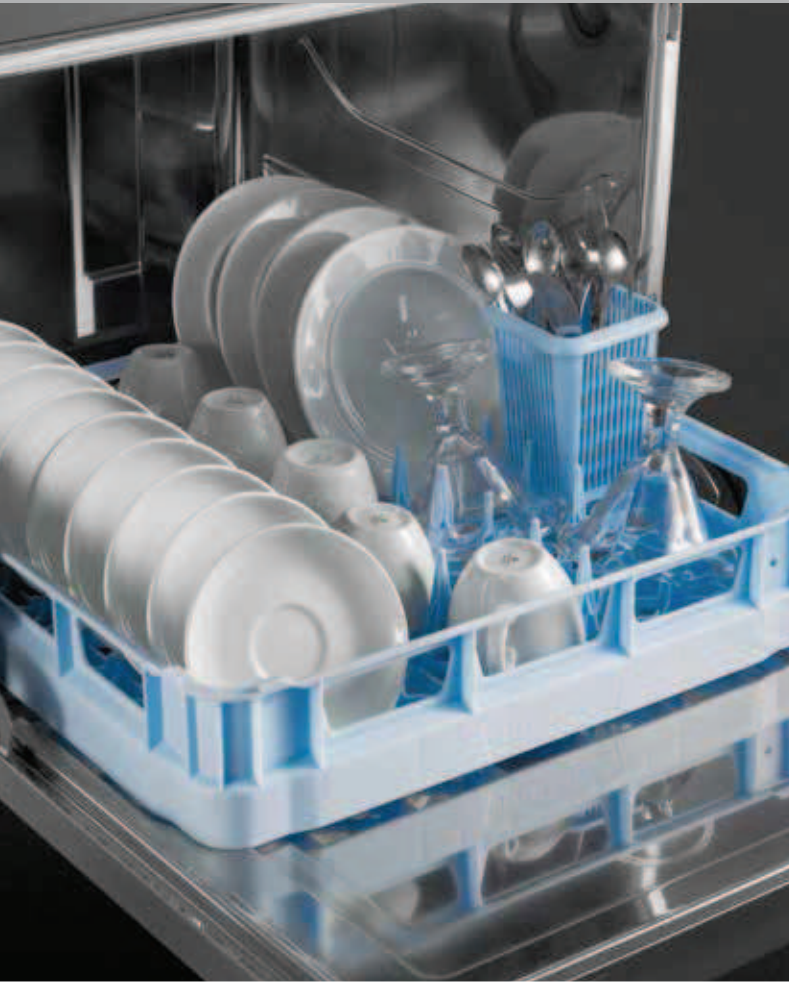
- Protects valuable wash ware in the dishwasher
- Protects the door suspension from wear



MULTI PHASING (230/400 V)

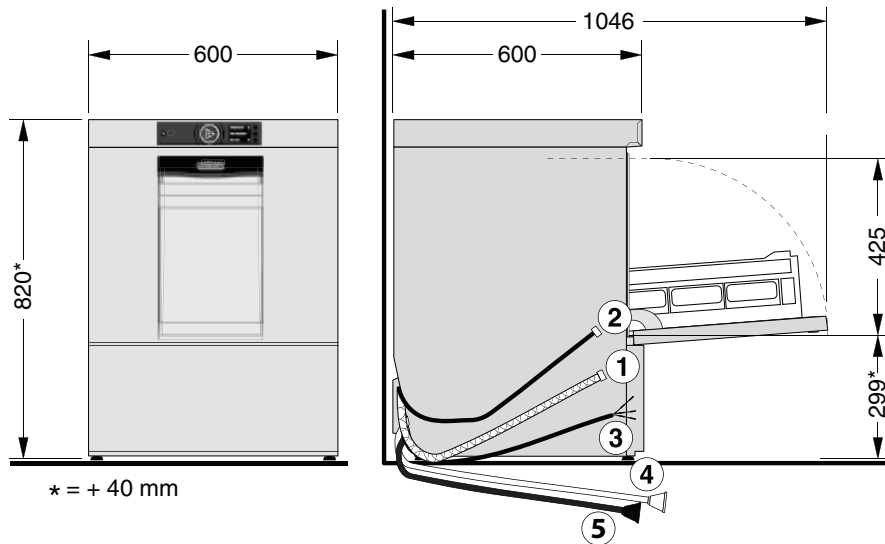
Multi-Phasing gives you flexibility: It allows the operation of the machine either on 230 V or 400 V. According to the local situation, the phasing can be changed at any time by simple plugging.

HOBART

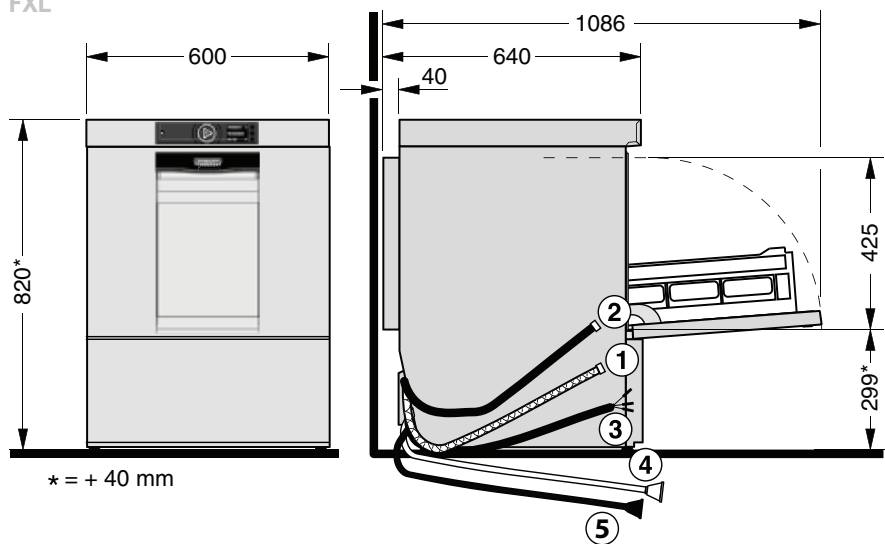


DRAWINGS

FP | FX



FXL



① flexible drain hose

② fresh-water connection

③ power cord

④ hose for detergent ^{a)}

⑤ hose for rinse aid ^{a)}

^{a)} for machines with external containers



FEATURES

MODELS	PROFI LINE		PREMAX LINE
	FX	FXL	FP
HIGH LEVEL OF ECONOMY			
Eco programmes	–	–	● PREMAX LINE EXCLUSIVE
SENSO-ACTIVE resource management	●	●	●
2IN1 double rack system	○	○	○
Rinse pump	●	●	●
BEST WASH RESULTS			
SHINE cutlery cycle	–	–	● PREMAX LINE EXCLUSIVE
PERFECT drying manager	–	–	● PREMAX LINE EXCLUSIVE
Permanent wash programme	●	●	●
Starch-removal cleaning programme	●	●	●
GENIUS-X? Fine Filter System	●	●	●
Osmosis in drawer format	○	○	○
Water change	●	●	●
Wide angle nozzles	●	●	●
Interlocked strainer	●	●	●
EASY HANDLING			
VAPOSTOP	–	–	● PREMAX LINE EXCLUSIVE
VISIOTRONIC Control	●	●	●
Remaining Time Indicator	●	●	●
Hygiene Programme	●	●	●
CLIP-IN wash and rinse arms	●	●	●
Integrated water softener	○	○	○
SOFT-START wash pump	●	●	●
Integrated chemical containers	○	○	○
Refill signal	●	●	●
RELIABILITY & FLEXIBILITY			
XL wash chamber	–	●	–
Smooth counterbalanced door	●	●	●
Drain pump	●	●	●
Multi Phasing (230/400 V)	●	●	●

● Inclusive

○ Optional

– Not available

TECHNICAL DATA

MODELS	PROFI LINE		PREMAX LINE
	FX	FXL	FP
CYCLE TIMES*	90 / 180 / 360 sec. and special cycles	90 / 180 / 360 sec. and special cycles	80 / 150 / 170 sec. and special cycles
CAPACITY			
Racks	40 /h	40 /h	45 / 21 /h
Dishes	720 /h	720 /h	810 / 378 /h
Glasses	1,440 /h	1,440 /h	1,620 / 756 /h
TANK CAPACITY	10.6 l	10.6 l	10.6 l
WATER CONSUMPTION	2.0 l/rack	2.0 l/rack	1.0 l/rack
WASH PUMP	0.6 kW 350 l/min	0.6 kW 350 l/min	0.6 kW 350 l/min
Tank heating	0.8 kW	0.8 kW	0.8 kW
BOOSTER LOADING			
Standard	6.2 kW	6.2 kW	6.2 kW
Alternative	2.1 kW	2.1 kW	2.1 kW
TOTAL LOADING			
Standard	7.7 kW 3 x 16 A	7.7 kW 3 x 16 A	7.7 kW 3 x 16 A
Alternative	3.6 kW 16 A	3.6 kW 16 A	3.6 kW 16 A
Power supply	400 / 50 / 3N (230 / 50 / 1)	400 / 50 / 3N (230 / 50 / 1)	400 / 50 / 3N (230 / 50 / 1)
DIMENSIONS			
Width	600 mm	600 mm	600 mm
Depth	600 mm	640 mm	600 mm
Height	820 mm	820 mm	820 mm
Loading height	425 mm	425 mm	425 mm
Rack size	500 x 500 500 x 530 mm	500 x 500 500 x 530 mm	500 x 500 500 x 530 mm

Multi-Phasing allows the operation of the same machine either on 230 V or 400 V. The change is done by simple plugging on site when installing the machine.

* The machine is equipped with an automatic cycle-time control which ensures hygienic rinse temperatures even on a cold-water supply or with reduced heating performance.

CONCEPT SOLUTIONS FOR OPTIMISED WASHING RESULTS

WATER TREATMENT

The right solution for every water quality: The partial and total desalination cartridges HYDROLINE STAR and STAR EXTRA and the HYDROLINE PURE RO-I and RO-C reverse osmosis systems guarantee spotless wash results with no additional polishing required.

WASHING CHEMICALS

The right detergent for every application – perfectly suited to the individual machine. **The HYLINE hygienic range.**





HOBART



PREMAX

INNOVATIVE



HOBART

ECONOMICAL



HOBART

ECOLOGICAL

THE COMPANY

HOBART is the world market leader in commercial warewashing technology and renowned manufacturer of cooking, food preparation and waste technology. Established 1897 in Troy, Ohio, HOBART today employs more than 6,900 employees around the world. At our manufacturing plant in Offenburg, Germany, HOBART develops, produces, and distributes warewashing technology worldwide. All over the world, the hotel and catering trade, cafeterias, bakeries and butcher shops, supermarkets, airlines, cruise ships, automotive suppliers, research centres and pharmaceutical companies swear by our innovative products, which are considered to be economical and ecological market leaders.

OUR FOCUS

INNOVATIVE - ECONOMICAL - ECOLOGICAL

This is our philosophy. To us, innovation means continuously setting new standards in technology, combined with real added value for the customer. An enterpriseowned technological centre and an innovation centre for warewashing technology at our headquarters in Germany make this possible. Highly efficient products are created with bundled innovation, which continuously confirm our status as technological leader. To be economical means to set standards in relation to the lowest operating costs and minimal use of resources, and to revolutionise the market continuously. To be ecological means a responsible handling of resources and a sustainable energy policy. This applies not only to the product in use, but in general to all areas of the organisation, such as purchasing or manufacturing.

**WHENEVER THE FIRST
MACHINE WILL BE CAPABLE OF
WASHING WITHOUT WATER –
IT WILL BE A HOBART.**

We provide this promise of quality to our customers,
and it represents our personal standard upheld
by all our staff at HOBART.

OUR VISION - WASH WITHOUT WATER

Intensive market research has shown, that our customers expect warewashing technology that combines efficiency with optimal performance. We hold ourselves to these claims, and they form the foundation for our vision of „washing without water“. This vision is our continuous incentive to walk on new paths in order to constantly reduce the water, energy and chemical consumption. Step by step, we would like to come closer to our goal with innovative excellence, and we already know: Whenever the first machine will be capable of washing without water – it will be a HOBART.

HOBART COMPETENT - FAST - RELIABLE

HOBART service technicians as well as HOBART service partners are the “real” experts. Thanks to intensive training and many years of experience, these technicians have a unique and profound knowledge of the product. Maintenance and repair work is therefore always carried out professionally, fast, and reliably.



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Die Angaben in diesem Prospekt beruhen auf dem Stand 08/2016. Technische Änderungen oder Änderungen der Ausführung bleiben vorbehalten.

The details given in this brochure are correct as of 08/2016. We reserve the right to technical or design modifications.

Document non contractuel. Les indications de ce prospectus sont conformes à la mise à jour de 08/2016. Nous nous réservons le droit de modifier les données ou les configurations techniques de nos machines.





WAREWASHING
HOOD-TYPE DISHWASHER

AUP | AMX



HOBART

BETTER OR BEST – IT'S YOUR CHOICE!



PROFI-LINE

The **PROFI**-line – everything a professional operator needs. The successful product series from HOBART can be found working wherever the highest standards of cleanliness are required. It combines an efficient rinsing technique with ultimate user-friendliness and low operating costs. Numerous equipment options make **PROFI**-line a perfectly suited warewashing solution to suit any operation.

PREMAX-LINE

The **PREMAX**-line are the perfect models for operators that need a higher level of proficiency. Because **PREMAX** sets standards in all areas: minimal operating costs and impressive user-friendliness, combined with maximum performance. The **PREMAX**-line is the most economical and innovative line of dishwashers on the market. In addition to the features of **PROFI** models, **PREMAX** wins over users with its unique product characteristics and is the ideal partner for the highest standards in a perfect warewashing operation.

PREMAX-LINE EXCLUSIVE

The most exclusive **PREMAX** features are labeled with this writing and a gold background.

WE OFFER YOU THE PERFECT SOLUTION

With the PERMANENT-CLEAN automatic soil removal, **PREMAX** hood-type dishwashers revolutionise the filter technology in commercial dishwashers and ensure maximum operational reliability:

- Premium wash results over the whole day – without changing the water in the tank
- Less cleaning effort for the dishwashing personnel
- Less time required for manual pre-scraping
- Cost savings achieved due to a reduction in time and resources

Thanks to the unique HOBART energy concepts, our hood-type dishwashers are by far the most economically efficient machines on the market:

- With the exhaust energy storage integrated as a standard, save up to 3,120 kWh of energy or 720 € / £594 operating costs per year*
- The intelligent energy management ensures that the available energy and power of the machine are used to their best advantage at all times

* Calculation based on: AMXT with 100 cycles/day and 312 workdays/year
Costs of energy: 0.23 € / £0.19 /kWh

By means of the SENSO-ACTIVE resource management, the control monitors how much soil gets into the machine, and automatically adjusts the programme accordingly.

- Optimum cleaning results at any time
- Optimum regeneration of wash water at any time

Only HOBART has all the key functions of a dishwasher integrated in a single button. Additional information is available on a display that is activated by a proximity sensor.

- Operation is intuitive and easy to understand
- The graphic and text display is enabled automatically when the user needs it



OUR MODELS



PREMAX AUP

The premium model for the most exacting demands in wash results and economic efficiency. Perfectly designed for highest utilization and maximum soil loads thanks to the PERMANENT-CLEAN automatic soil removal.



PREMAX AUPL

The extra-wide premium model for cleaning large-sized wash ware. The PERMANENT-CLEAN automatic soil removal makes this model ideal for highest utilization with heavily soiled Gastronorm bowls, butcher's crates, or utensils.



PREMAX AUPT

The double-capacity premium model for simultaneous washing of two racks. Thanks to the PERMANENT-CLEAN automatic soil removal, this model is ideal for highest-capacity cleaning of heavily soiled chinaware and pans.



AM900 / PROFI AMX

The **PROFI** model for reliable washing of glasses and dishes.



PROFI AMXX

The **PROFI** model for washing heavily soiled wash ware in fast programme cycles. Perfectly suited for high utilization in restaurants and communal catering.



PROFI AMXXL

The extra-wide **PROFI** model for reliable cleaning of baker's baskets, butcher's crates, trays, and Gastronorm bowls.



PROFI AMXT

The **PROFI** double rack machine for simultaneous washing of two glass and chinaware racks.

See our feature overview for more details.

HOBART



PERMANENT-CLEAN AUTOMATIC SOIL REMOVAL

CLEAN YOUR WASH WARE WITHOUT USING THE PRE WASH SPRAY

Thorough pre-washing by hand costs time but used to be mandatory with conventional machines. The revolutionary PERMANENT-CLEAN automatic soil removal makes this task obsolete. The new filter system directly pumps all the soil carried into the machine out of the dishwasher. The dirty plates can be stacked directly in the rack. Manual pre-washing with the pre wash spray is no longer necessary.

- Eliminates the need for manual pre-wash
- No pre-washing hose required during the wash process
- Makes working at the dishwasher much easier and faster

REDUCED USE OF RESOURCES

The more fine and coarse soil is carried into the dishwasher, the dirtier the wash water gets. The water tank used to require emptying and refilling several times a day. This takes a lot of time and results in costs for water, energy and cleaning agents in the amount of up to 680 € / £560 per year. The revolutionary PERMANENT-CLEAN automatic soil removal immediately filters all coarse residues out of the dishwasher. If required, the machine re-generates automatically. You no longer need to change the water during a dishwashing shift.

- Avoids time-consuming water change
- Reduces operating costs which are otherwise unavoidable
- Is gentle on the environment

PERFECT MACHINE PROTECTION

In the course of a busy day at the dishwasher, food residues are not always cleared away as they should be. These coarse residues may clog the strainer systems. In this case, the dishwasher may not work reliably. The revolutionary PERMANENT-CLEAN automatic soil removal pumps all the coarse soil out of the machine, preventing clogging of the strainers. This ensures perfect dishwashing results.

- Prevents carry-over of large amounts of coarse soil into the wash water
- Protects the filter system in times of heavy usage

RELIABLE HYGIENE AT ALL TIMES

With conventional filter systems, excellent dishwashing results are almost impossible to achieve after a long shift without water change. The PERMANENT-CLEAN automatic soil removal immediately removes all soil particles from the wash tank. Thus, at the end of a long shift the wash water is still so clean that perfectly hygienic dishwashing results are guaranteed.

- Ensures permanently hygienic dishwashing results without water change
- Washes dishes hygienically, even with extreme amounts of soil carried into the machine



HOBART



WASH RESULT

INTENSIVE PROGRAMMES

Usually, extremely soiled wash ware requires intensive manual pre-treatment. To clean heavily soiled wash ware comfortably and with excellent wash results in the machine, **PREMAX** dishwashers use hot steam of 100 °C. By means of steam washing, dried protein and starch residues are removed from the chinaware. In the unique cutlery cycle, knives and forks can even be washed without previous soaking by high pressure combined with hot steam.

POWER-PLUS WASH PROGRAMME

The longer the dishes are left before being washed, the harder food residues are to remove from the crockery. After an extended period of drying, it may be necessary either to pre-wash the ware, or to run it several times through the dishwasher in order to achieve a hygienic wash result. The POWER-PLUS wash programme delivers increased washing pressure, through pumps connected in series. Contrary to conventional programmes, even difficult to remove food residues are washed off without the need for pre-cleaning. The POWER-PLUS wash programme guarantees a perfect wash result even with difficult to remove food residues.



PREMAX LINE EXCLUSIVE

GENIUS-X² FINE FILTER SYSTEM

Permanently clean wash water is the key requirement for an optimal wash result with less detergent and water consumption. In the next generation of the GENIUS-X² fine filter system, the wash water is continuously put through a system of filters. During the wash cycle the majority of soil particles are removed during the first phase of draining. Any remaining soil particles are retained in the filter and are then removed during the second stage of draining, just before the final rinse. The tank water is then replenished with fresh hot rinse water. This optimal regeneration ensures a perfect wash result. The fine filter system cleans itself during the draining phase. GENIUS-X² helps to reduce detergent consumption considerably.



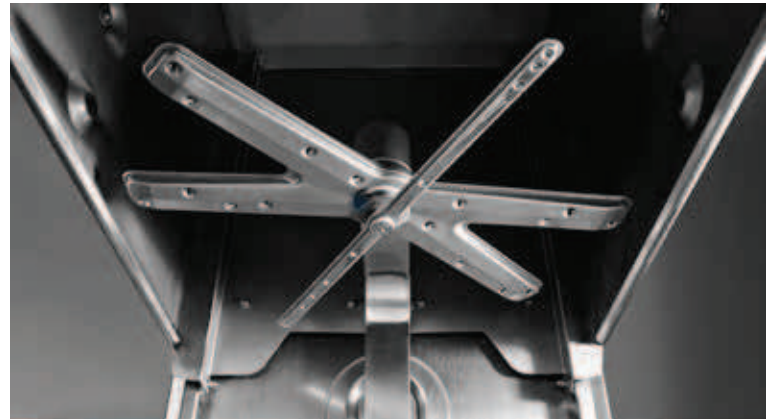
INTERLOCKED STRAINER

Clean wash water and accurate detergent dosage are key factors in achieving a clean and hygienic wash result. An efficient filter system is useless if it is not in the right position. The strainer has an interlock which is continuously monitored by the control. The wash cycle can only be activated if the filter is correctly positioned.



ROTOR-X WASH SYSTEM

A perfect wash result is only achieved if the detergent makes contact with the entire surface of the wash ware items, dissolving and binding the soil. Therefore the wash water must reach every point of the items, and the more thoroughly and intensively this occurs, the better the result. The rotating ROTOR-X wash system of two 4-spoke wash arms, one above and one below. The rotation of the wash arms creates the necessary mechanical wash action, and at the same time the precise wash pattern of the wide angle nozzles ensures that the wash water reaches every part of the wash ware. The ROTOR-X wash system guarantees an outstanding cleaning result over the entire surface.



STARCH-REMOVAL CLEANING CYCLE

Depending on the type of food, and processes during meal service, starch deposits will appear on the ware over time. The patent pending starch-removal cleaning cycle removes the starch from the crockery. Inconvenient and time consuming manual handling using aggressive detergents is eliminated. The starch-removal cleaning cycle assists the staff and guarantees shining crockery.



ECONOMY

PREMAX LINE EXCLUSIVE

ECO PROGRAMMES

Low water consumption and short cycle times are important factors to reduce costs and save time. By using steam, the water consumption for steam rinsing is reduced to 1.4 l fresh water per rack. Compared to conventional models, this saves up to 44 % for water and cleaning agents. With HOT-TEMP washing at a higher temperature, the capacity of the machine can be increased by 17 % to 70 racks/h. The shortest cycle only takes 52 seconds.



EXHAUST ENERGY STORAGE

When a conventional hood-type dishwasher is opened, hot steam escapes at the open rear of the hood into the room, wasting valuable energy. The exhaust energy storage integrated as a standard in the HOBART dishwashers is based on the principle of a hood closed at all sides. When the machine is opened, the hot steam thus remains in the hood and cannot escape into the room. The thermal energy is retained for use in the system. With the energy storage provided as a standard, almost no humidity and energy is released into the room. As HOBART hood-type dishwashers have a closed hood, they do not need an extra system to recover heat from the exhaust air. The exhaust energy storage saves up to 3,120 kWh of energy or up to 720 € / £594 of energy costs per year*. And all this without any extra investment.

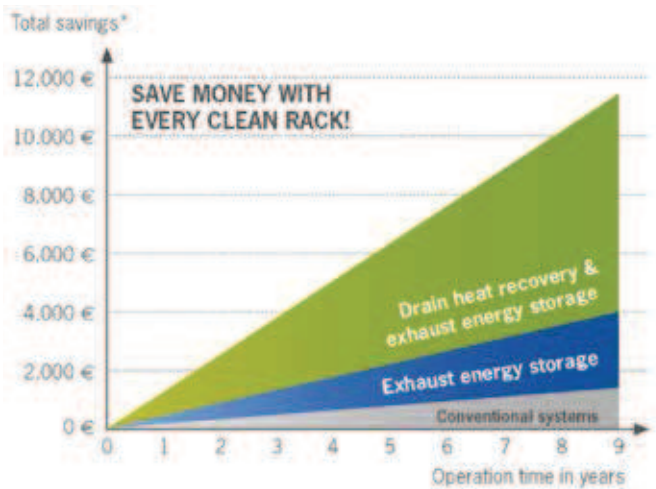


DRAIN HEAT RECOVERY

Commercial dishwashers need large amounts of energy to produce hot water for hygienic wash results. After the end of a wash cycle, waste water of a temperature of 60 °C is pumped off. The energy saved as heat in this water goes unused. The drain heat recovery system uses the energy from the waste water and returns it to the dishwasher. Through a heat exchanger, the 60 °C hot waste water is guided towards the supply of fresh cold water. In the resulting heat exchange, the 15 °C cold fresh water is heated to approx. 40 °C without any additional energy consumption. This reduces the energy required for reaching the final rinse temperature by up to 3,630 kWh per year*, protecting the environment and saving operating costs of up to 835 € / £689 per year*. Dishwashers with drain heat recovery require a lower connected load.



SAVINGS ACHIEVED BY DIFFERENT ENERGY RECOVERY SYSTEMS



* Calculation basis: AMXT with 100 cycles/day, 312 days/year, energy costs: 0.23 € / £0.19 /kWh, volume of rinse water: 2.0 l/rack

HEAT AND NOISE INSULATED HOOD

15 mm hood insulation helps to retain further valuable energy during operation. The wash water does not lose heat through the hood which increases heat conservation and thereby saves energy. The fully enclosed hood enhances the energy-saving effect of the insulation.



INTELLIGENT ENERGY MANAGEMENT

To reduce the total connected load of hood-type dishwashers, commercial machines reduce the heating power in the heating unit. However, this extends the heating times by up to 100%. Thanks to the intelligent energy management of HOBART hood-type dishwashers, the heating unit is always filled at maximum boiler capacity. The filling time is reduced. During washing, the heater power can be reduced to the minimum required to provide energy for the wash pump and the tank heating. Thanks to the intelligent use of the available energy, short heating times with reduced total connected load are ensured.

SENSO-ACTIVE RESOURCE MANAGEMENT

The level of soil in the wash water depends on the daily changing menu, the dishes selected by guests and the time of day. Conventional machines do not adapt their cycles according to the level of soil in the machine. Usually they use the maximum amount of rinse water to ensure sufficient regeneration of the wash water. As a result they use more water than they actually need. The intelligent SENSO-ACTIVE resource management constantly measures the quality of the wash water and keeps the amount of rinsing needed in each rinse cycle to the minimum in order to guarantee a fully hygienic wash result. This reduces the amount of fresh water used per rinse cycle by up to 1.4 l. The intelligent SENSO-ACTIVE resource management can save up to 44 % water, detergent and energy.

HOBART

PREMAX

A control panel featuring a green play button icon, a blue digital display screen, and several small indicator lights.

HOBART

HANDLING

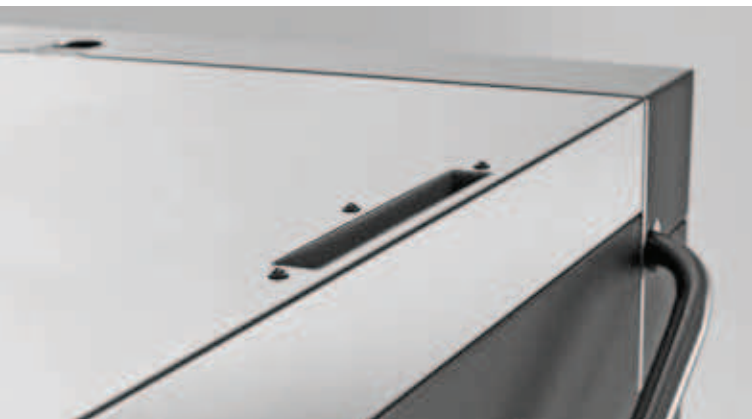
VISIOTRONIC CONTROL

A control panel must show the operator key information, such as the programme status or warning signals, immediately and at a glance. Further information about the current wash programme, temperature or operating data must be accessible quickly and easily. The intelligent VISIOTRONIC control panel satisfies all these requirements. All the necessary information appears in the large display, both in clear text and in the form of symbols. The display is activated by a proximity sensor and is deactivated when the operator moves away from the machine. The START button is permanently lit up and uses colour coding to show the current operating status of the machine. The intelligent VISIOTRONIC control panel ensures a simple and intuitive operating of the HOBART dishwashers.



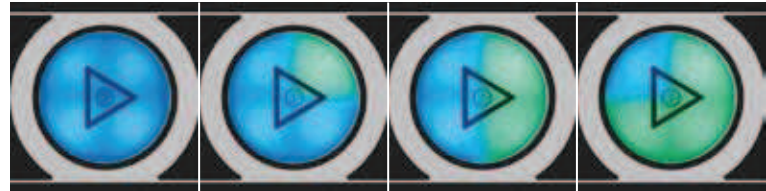
VAPOSTOP HOOD SYSTEM

When opening a conventional dishwasher hot steam escapes from the machine. The additional VAPOSTOP hood system extracts the moisture saturated air by means of multistage ventilation. Due to the VAPOSTOP hood system the escape of the steam is effectively avoided. So removing the wash ware is much easier for the operator. The input of humidity into the room decreases by 90 % compared to ordinary machines.



REMAINING TIME INDICATOR

The remaining time indicator visibly shows the progress of the running wash programme. The four segments of the START button colour up clockwise in sequence. Even in peak times personnel can set their priorities at a glance and work more efficiently.



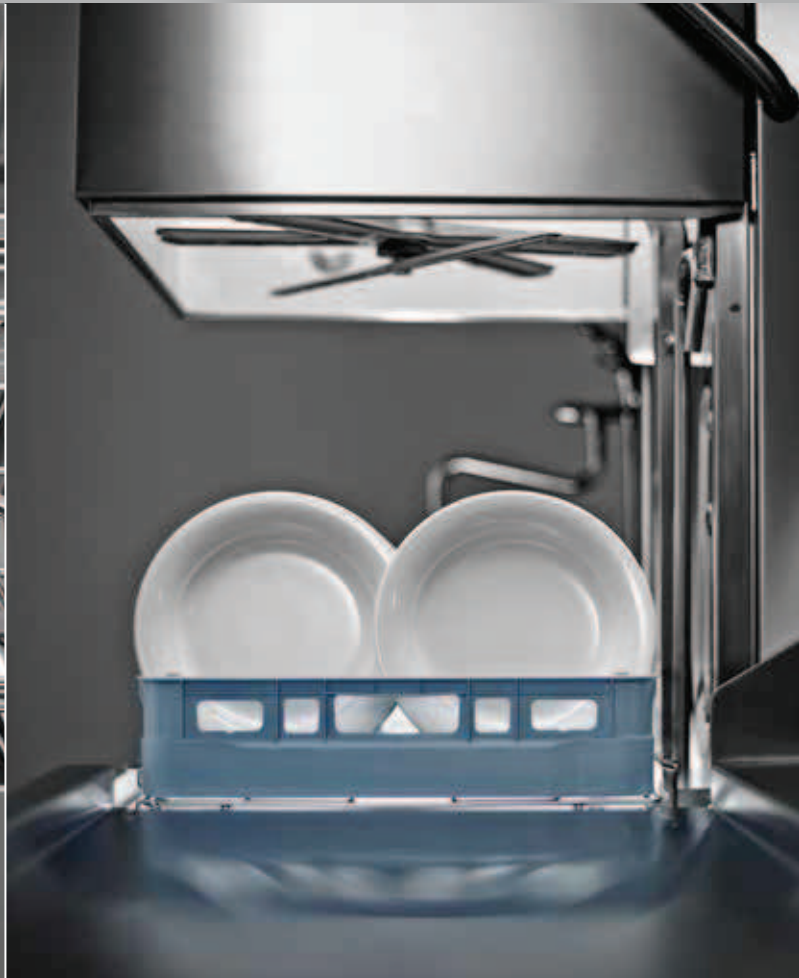
REFILL SIGNAL

For machines with external containers the integral low level signal indicates when detergent and rinse aid need refilling. This guarantees a perfect wash result every time.

INTEGRATED WATER SOFTENER

Limescale is a mineral that is responsible for building up of deposits on machine parts, in the boiler and on heating elements reducing efficiency and detergent performance, increasing running costs and causing failures. Dishwashers can be equipped with an integrated water softener. The automatic water softening process ensures the smooth operation of the dishwasher. It also provides effective protection for the machine – and in particular for the heating elements in the boiler – from building up of limescale.

HOBART



HANDLING

BLOCKED FILTER SENSOR

If there is a lot of soil in the machine, the filter may become clogged. The blocked filter sensor registers this, and displays a warning on the control panel. This function assists the operating personnel and ensures proper ongoing dishwashing operation.

AUTOMATIC HOOD LIFT

The optional automatic hood lift opens the hood automatically at the end of the programme, and closes it by pushing a button. The automatic hood lift delivers maximum convenience for the operators.

HYGIENE PROGRAMME

A dirty dishwasher cannot deliver clean results and over a period of time soil particles, starch and sometimes limescale can build up inside the machine leading to bacteria and poor machine hygiene. Together with the specially formulated chemical tablets HOBART's hygiene programme effectively removes these deposits from the wash tank and chamber leaving a clean machine with a fresh smell.

CLIP-IN WASH AND RINSE ARMS

To make the machine cleaning even easier both the wash and rinse arms can be lifted out of the wash chamber using the CLIP-IN system with one hand. After cleaning, the wash and rinse arms can be replaced just as easily with no tools required.



EASY-CLEAN CONCEPT

Some machine parts should be cleaned every day. To show the operator clearly which parts must be removed from the machine for cleaning, the respective parts are colour-coded. This makes machine cleaning fast and simple.

USB INTERFACE FOR DATA DOCUMENTATION

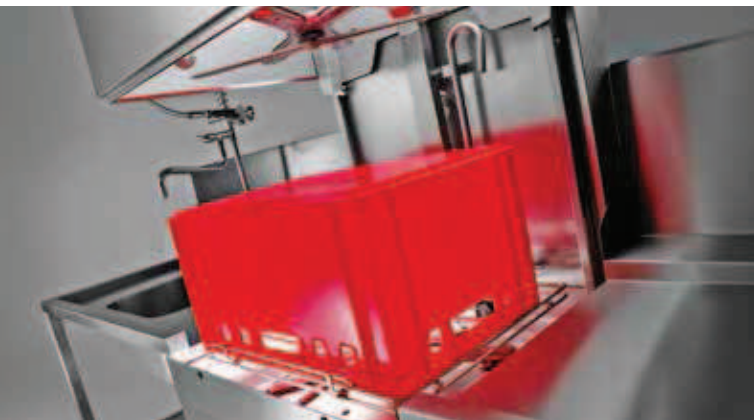
DIN SPEC 10534 specifies that the documentation of relevant operating data, such as temperature or duration of the wash cycle, is mandatory for commercial dishwashers. The VISIOTRONIC control automatically carries out this labour-intensive task. The machine has a USB interface for easy download of this data in regular intervals. Thus, operating and hygiene parameters can be documented and saved completely and fast on an external terminal.



FLEXIBILITY

XL WASH CHAMBER

The extra wide hood and the increased loading height of the **PROFI AMXXL** and **PREMAX AUPL** models allow for the easy insertion of EN standard boxes and racks. The large hood offers space for two 1/1 GN boxes, or up to eight loading trays and 600 x 400 mm serving trays.



INSTALLATION OPTIONS

Hood-type dishwashers from HOBART can be installed anywhere in the kitchen and adapted to suit the workflow. Hood-type machines can be loaded with racks from the left or the right. Apart from installation along a wall between two tables, all hood-type machines can be used as corner units for integration into table systems. In such installations, the machine again shows its flexibility as it can be loaded with racks from the side or from the front.



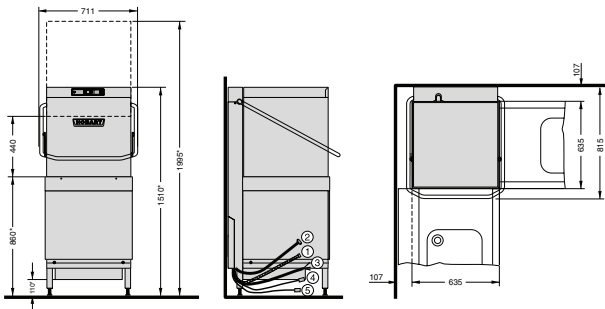
DOUBLE CAPACITY

In a cycle, the **PROFI AMXT** and **PREMAX AUPT** models can process two racks with crockery, serving and compact trays as well as pots and pans. It does away with unnecessary waiting times and allows for a continuous cleaning workflow.

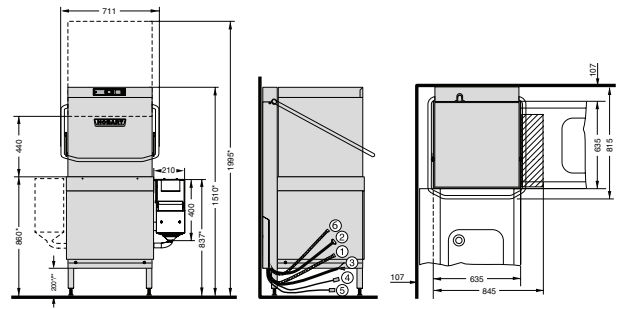


DRAWINGS

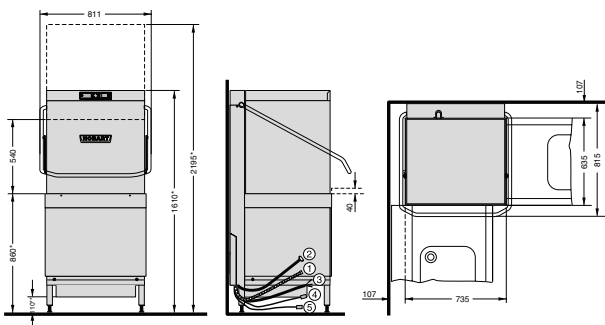
AM900/AMX/AMXX



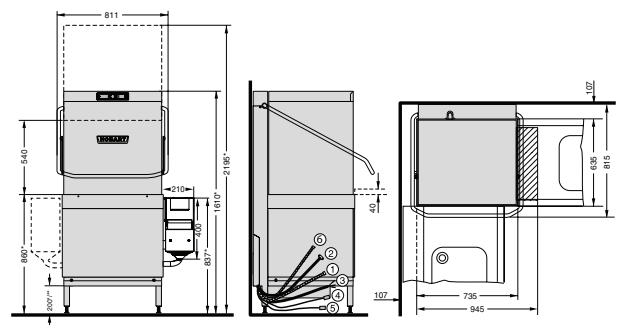
AUP



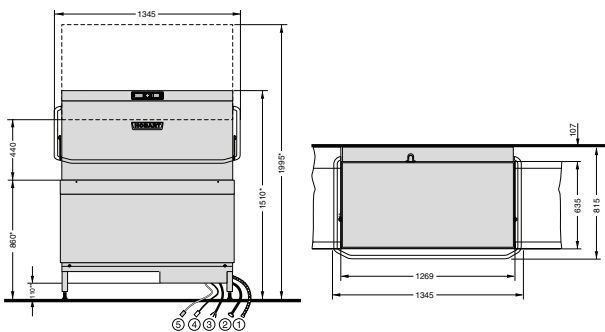
AMXXL



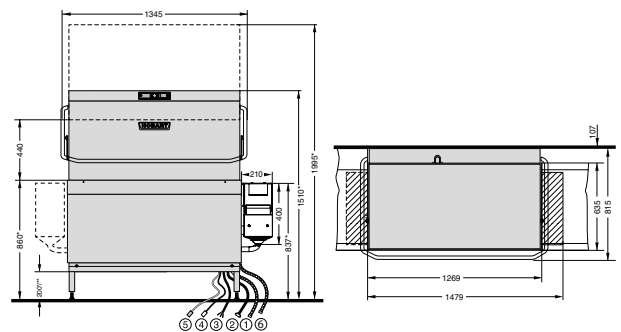
AUPL



AMXT



AUPT



PROFI models: Drawing includes heat recovery.

For corner installation of AMXXL and AUPL max. table profile height is 40 mm.

* + 25 mm adjustable feet

** 137 mm for models with drain heat recovery

- ① flexible drain hose ② fresh-water connection ③ power cord ④ hose for detergent ^{a)} ⑤ hose for rinse aid ^{a)}

^{a)} for machines with external containers



FEATURES

PROFI-LINE

MODEL	AM900	AMX	AMXR	AMXX	AMXXR	AMXXL	AMXT
PERMANENT-CLEAN automatic soil removal	-	-	-	-	-	-	-
WASH RESULT							
Intensive programmes	-	-	-	-	-	-	-
GENIUS-X ² fine filter system	-	●	●	●	●	●	●
POWER-PLUS wash programme	-	-	-	-	-	-	-
ROTOR-X wash system	-	-	-	●	●	●	-
Interlocked stainer	-	●	●	●	●	●	●
Starch-removal cleaning cycle	-	●	●	●	●	●	●
ECONOMY							
Eco programmes	-	-	-	-	-	-	-
Exhaust energy storage	●	●	●	●	●	●	●
Drain heat recovery	-	-	●	-	●	○	○
Heat and noise insulated hood	-	●	●	●	●	●	●
SENSO-ACTIVE resource management	-	●	●	●	●	●	●
Intelligent energy management	-	-	-	●	●	●	●
HANDLING							
VISIOTRONIC control	●	●	●	●	●	●	●
VAPOSTOP hood system	-	○	○	○	○	○	○
Remaining time indicator	●	●	●	●	●	●	●
Refill signal	-	●	●	●	●	●	●
Integrated water softener	○	○	○	○	○	○	-
Blocked filter sensor	-	-	-	●	●	●	●
Automatic hood lift*	-	○	○	○	○	○	○
Hygiene programme	-	●	●	●	●	●	●
CLIP-IN wash and rinse arms	●	●	●	●	●	●	●
EASY-CLEAN concept	●	●	●	●	●	●	●
USB-interface	●	●	●	●	●	●	●
FLEXIBILITY							
XL wash chamber	-	-	-	-	-	●	-
Double capacity	-	-	-	-	-	-	●
Installation options	●	●	●	●	●	●	●

● Inclusive ○ Optional - Not available

* Automatic hood lift not possible for corner installations of PREMAX AUP/AUPL

	PREMAX-LINE		
MODEL	AUP	AUPL	AUPT
PERMANENT-CLEAN automatic soil removal	● PREMAX-LINE EXCLUSIVE	● PREMAX-LINE EXCLUSIVE	● PREMAX-LINE EXCLUSIVE
WASH RESULT			
Intensive programmes	● PREMAX-LINE EXCLUSIVE	● PREMAX-LINE EXCLUSIVE	● PREMAX-LINE EXCLUSIVE
GENIUS-X ² fine filter system	●	●	●
POWER-PLUS wash programme	● PREMAX-LINE EXCLUSIVE	● PREMAX-LINE EXCLUSIVE	● PREMAX-LINE EXCLUSIVE
ROTOR-X wash system	●	●	●
Interlocked stainer	●	●	●
Starch-removal cleaning cycle	●	●	●
ECONOMY			
Eco programmes	● PREMAX-LINE EXCLUSIVE	● PREMAX-LINE EXCLUSIVE	● PREMAX-LINE EXCLUSIVE
Exhaust energy storage	●	●	●
Drain heat recovery	–	–	–
Heat and noise insulated hood	●	●	●
SENSO-ACTIVE resource management	●	●	●
Intelligent energy management	●	●	●
HANDLING			
VISIOTRONIC control	●	●	●
VAPOSTOP hood system	○	○	○
Remaining time indicator	●	●	●
Refill signal	●	●	●
Integrated water softener	○	○	–
Blocked filter sensor	●	●	●
Automatic hood lift*	○	○	○
Hygiene programme	●	●	●
CLIP-IN wash and rinse arms	●	●	●
EASY-CLEAN concept	●	●	●
USB-interface	●	●	●
FLEXIBILITY			
XL wash chamber	–	●	–
Double capacity	–	–	●
Installation options	●	●	●



TECHNICAL DATA

MODEL	PROFI-LINE				
	AMX AM900	AMXR	AMXX	AMXXR	AMXXL
CYCLE TIMES*	60 / 90 / 180 sec. and special cycles	60 / 90 / 180 sec. and special cycles	52 / 75 / 180 sec. and special cycles	52 / 75 / 180 sec. and special cycles	52 / 75 / 180 sec. and special cycles
CAPACITY					
Racks	60 /h	60 /h	70 /h	70 /h	70 /h
Dishes	1,080 /h	1,080 /h	1,260 /h	1,260 /h	1,680 /h
Glasses	2,160 /h	2,160 /h	2,520 /h	2,520 /h	2,520 /h
TANK CAPACITY	23 l	23 l	40 l	40 l	40 l
WATER CONSUMPTION	2.0 l/rack	2.0 l/rack	2.0 l/rack	2.0 l/rack	2.0 l/rack
WASH PUMP	0.7 kW	0.7 kW	1.1 kW	1.1 kW	1.1 kW
Tank heating	2.5 kW	2.5 kW	2.5 kW	2.5 kW	2.5 kW
BOOSTER LOADING					
Standard	6.2 kW	6.2 kW	12.4 kW	6.2 kW	12.4 kW
Alternative			6.2 kW	12.4 kW	6.2 kW
TOTAL LOADING					
Standard	7.1 kW 3 x 16 A	7.1 kW 3 x 16 A	16.3 3 x 32 A	7.6 3 x 16 A	16.3 3 x 32 A
Alternative			10.1 3 x 25 A	12.6 3 x 20 A	10.1 3 x 25 A
Power supply	400 / 50 / 3N	400 / 50 / 3N	400 / 50 / 3N	400 / 50 / 3N	400 / 50 / 3N
DIMENSIONS					
Width	635 mm	635 mm	635 mm	635 mm	735 mm
Depth	742 mm	742 mm	742 mm	742 mm	742 mm
Height	1,510 mm	1,510 mm	1,510 mm	1,510 mm	1,610 mm
Loading height	440 mm	440 mm	440 mm	440 mm	540 mm
Height with open hood	1,995 mm	1,995 mm	1,995 mm	1,995 mm	2,195 mm
Rack size	500 x 500 mm	500 x 500 mm	500 x 500 mm	500 x 500 mm	500 x 500 600 x 500 mm

CONCEPT SOLUTIONS FOR OPTIMISED WASHING RESULTS

WATER TREATMENT

The right solution for every water quality: Water softening plant to prevent the build-up of limescale and osmosis plant for a stainless wash result.

WASHING CHEMICALS

The right detergent for every application – perfectly suited to the individual machine. **The HYLINE hygienic range.**



PREMAX-LINE

MODEL	AMXT	AUP	AUPL	AUPT
CYCLE TIMES*	60 / 90 / 180 sec. and special cycles	52 / 70 / 170 / 180 sec. and special cycles	52 / 70 / 170 / 180 sec. and special cycles	52 / 70 / 170 / 180 sec. and special cycles
CAPACITY				
Racks	120 /h	70 /h	70 /h	140 /h
Dishes	2,160 /h	1,260 /h	1,680 /h	2,520 /h
Glasses	4,320 /h	2,520 /h	2,520 /h	5,040 /h
TANK CAPACITY	40 l	40 l	40 l	80 l
WATER CONSUMPTION	2.0 l/rack	1.4 l/rack	1.4 l/rack	1.4 l/rack
WASH PUMP	2 x 0.7 kW	2 x 1.1 kW	2 x 1.1 kW	4 x 1.1 kW
Tank heating	3.3 kW	2.5 kW	2.5 kW	6.0 kW
BOOSTER LOADING				
Standard	12.4 kW	12.4 kW	12.4 kW	12.4 kW
Alternative	6.2 kW	6.2 kW	6.2 kW	6.2 kW
TOTAL LOADING				
Standard	19.4 3 x 32 A	17.5 3 x 35 A	17.5 3 x 35 A	23.5 3 x 40 A
Alternative	12.5 3 x 20 A	11.3 3 x 25 A	11.3 3 x 25 A	18.7 3 x 32 A
Power supply	400 / 50 / 3N	400 / 50 / 3N	400 / 50 / 3N	400 / 50 / 3N
DIMENSIONS				
Width	1,268 mm	635 mm	735 mm	1,268 mm
Depth	742 mm	742 mm	742 mm	742 mm
Height	1,510 mm	1,510 mm	1,610 mm	1,510 mm
Loading height	440 mm	440 mm	540 mm	440 mm
Height with open hood	1,995 mm	1,995 mm	2,195 mm	1,995 mm
Rack size	500 x 500 mm	500 x 500 mm	500 x 500 600 x 500 mm	500 x 500 mm

* The machine is equipped with an automatic cycle-time control which ensures hygienic rinse temperatures even on a cold-water supply or with reduced heating performance.



THE COMPANY

HOBART is the world market leader in commercial warewashing technology and renowned manufacturer of cooking, food preparation, refrigeration, and environmental technology. Established 1897 in Troy, Ohio, HOBART today employs more than 6,900 employees around the world. At our manufacturing plant in Offenburg, Germany, HOBART develops, produces, and distributes warewashing technology worldwide. Internationally, gastronomy hotels canteens, bakeries and butcher shops, supermarkets, airlines and cruise ships swear by our innovative products, which are considered to be economical and ecological market leaders.



WHENEVER THE FIRST
MACHINE WILL BE CAPABLE OF
WASHING WITHOUT WATER –
IT WILL BE A HOBART.

We provide this promise of quality to our customers,
and it represents our personal standard upheld by
all our staff at HOBART.

OUR VISION - WASH WITHOUT WATER

Intensive market research has shown, that our customers expect warewashing technology that combines efficiency with optimal performance. We hold ourselves to these claims, and they form the foundation for our vision of „washing without water“. This vision is our continuous incentive to walk on new paths in order to constantly reduce the water, energy and chemical consumption. Step by step, we would like to come closer to our goal with innovative excellence, and we already know: Whenever the first machine will be capable of washing without water – it will be a HOBART.

OUR FOCUS

INNOVATIVE - ECONOMICAL - ECOLOGICAL


This is our philosophy. To us, innovation means continuously setting new standards in technology, combined with real added value for the customer. An enterpriseowned technological centre and an innovation centre for warewashing technology at our headquarters in Germany make this possible. Highly efficient products are created with bundled innovation, which continuously confirm our status as technological leader. To be economical means to set standards in relation to the lowest operating costs and minimal use of resources, and to revolutionise the market continuously. To be ecological means a responsible handling of resources and a sustainable energy policy. This applies not only to the product in use, but in general to all areas of the organisation, such as purchasing or manufacturing.



2

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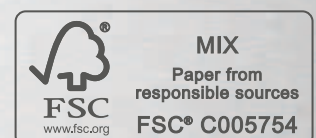
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Die Angaben in diesem Prospekt beruhen auf dem Stand 03/2015. Technische Änderungen oder Änderungen der Ausführung bleiben vorbehalten.

The details given in this brochure are correct as of 03/2015. We reserve the right to technical or design modifications.

Document non contractuel. Les indications de ce prospectus sont conformes à la mise à jour de 03/2015. Nous nous réservons le droit de modifier les données ou les configurations techniques de nos machines.





WAREWASHING
HOOD-TYPE DISHWASHER

AUP | AMX



HOBART

BETTER OR BEST – IT'S YOUR CHOICE!



PROFI-LINE

The **PROFI**-line – everything a professional operator needs. The successful product series from HOBART can be found working wherever the highest standards of cleanliness are required. It combines an efficient rinsing technique with ultimate user-friendliness and low operating costs. Numerous equipment options make **PROFI**-line a perfectly suited warewashing solution to suit any operation.

PREMAX-LINE

The **PREMAX**-line are the perfect models for operators that need a higher level of proficiency. Because **PREMAX** sets standards in all areas: minimal operating costs and impressive user-friendliness, combined with maximum performance. The **PREMAX**-line is the most economical and innovative line of dishwashers on the market. In addition to the features of **PROFI** models, **PREMAX** wins over users with its unique product characteristics and is the ideal partner for the highest standards in a perfect warewashing operation.

PREMAX-LINE EXCLUSIVE

The most exclusive **PREMAX** features are labeled with this writing and a gold background.

WE OFFER YOU THE PERFECT SOLUTION

With the PERMANENT-CLEAN automatic soil removal, **PREMAX** hood-type dishwashers revolutionise the filter technology in commercial dishwashers and ensure maximum operational reliability:

- Premium wash results over the whole day – without changing the water in the tank
- Less cleaning effort for the dishwashing personnel
- Less time required for manual pre-scraping
- Cost savings achieved due to a reduction in time and resources

Thanks to the unique HOBART energy concepts, our hood-type dishwashers are by far the most economically efficient machines on the market:

- With the exhaust energy storage integrated as a standard, save up to 3,120 kWh of energy or 720 € / £594 operating costs per year*
- The intelligent energy management ensures that the available energy and power of the machine are used to their best advantage at all times

* Calculation based on: AMXT with 100 cycles/day and 312 workdays/year
Costs of energy: 0.23 € / £0.19 /kWh

By means of the SENSO-ACTIVE resource management, the control monitors how much soil gets into the machine, and automatically adjusts the programme accordingly.

- Optimum cleaning results at any time
- Optimum regeneration of wash water at any time

Only HOBART has all the key functions of a dishwasher integrated in a single button. Additional information is available on a display that is activated by a proximity sensor.

- Operation is intuitive and easy to understand
- The graphic and text display is enabled automatically when the user needs it



OUR MODELS



PREMAX AUP

The premium model for the most exacting demands in wash results and economic efficiency. Perfectly designed for highest utilization and maximum soil loads thanks to the PERMANENT-CLEAN automatic soil removal.



PREMAX AUPL

The extra-wide premium model for cleaning large-sized wash ware. The PERMANENT-CLEAN automatic soil removal makes this model ideal for highest utilization with heavily soiled Gastronorm bowls, butcher's crates, or utensils.



PREMAX AUPT

The double-capacity premium model for simultaneous washing of two racks. Thanks to the PERMANENT-CLEAN automatic soil removal, this model is ideal for highest-capacity cleaning of heavily soiled chinaware and pans.



AM900 / PROFI AMX

The **PROFI** model for reliable washing of glasses and dishes.



PROFI AMXX

The **PROFI** model for washing heavily soiled wash ware in fast programme cycles. Perfectly suited for high utilization in restaurants and communal catering.



PROFI AMXXL

The extra-wide **PROFI** model for reliable cleaning of baker's baskets, butcher's crates, trays, and Gastronorm bowls.



PROFI AMXT

The **PROFI** double rack machine for simultaneous washing of two glass and chinaware racks.

See our feature overview for more details.

HOBART



PERMANENT-CLEAN AUTOMATIC SOIL REMOVAL

CLEAN YOUR WASH WARE WITHOUT USING THE PRE WASH SPRAY

Thorough pre-washing by hand costs time but used to be mandatory with conventional machines. The revolutionary PERMANENT-CLEAN automatic soil removal makes this task obsolete. The new filter system directly pumps all the soil carried into the machine out of the dishwasher. The dirty plates can be stacked directly in the rack. Manual pre-washing with the pre wash spray is no longer necessary.

- Eliminates the need for manual pre-wash
- No pre-washing hose required during the wash process
- Makes working at the dishwasher much easier and faster

REDUCED USE OF RESOURCES

The more fine and coarse soil is carried into the dishwasher, the dirtier the wash water gets. The water tank used to require emptying and refilling several times a day. This takes a lot of time and results in costs for water, energy and cleaning agents in the amount of up to 680 € / £560 per year. The revolutionary PERMANENT-CLEAN automatic soil removal immediately filters all coarse residues out of the dishwasher. If required, the machine re-generates automatically. You no longer need to change the water during a dishwashing shift.

- Avoids time-consuming water change
- Reduces operating costs which are otherwise unavoidable
- Is gentle on the environment

PERFECT MACHINE PROTECTION

In the course of a busy day at the dishwasher, food residues are not always cleared away as they should be. These coarse residues may clog the strainer systems. In this case, the dishwasher may not work reliably. The revolutionary PERMANENT-CLEAN automatic soil removal pumps all the coarse soil out of the machine, preventing clogging of the strainers. This ensures perfect dishwashing results.

- Prevents carry-over of large amounts of coarse soil into the wash water
- Protects the filter system in times of heavy usage

RELIABLE HYGIENE AT ALL TIMES

With conventional filter systems, excellent dishwashing results are almost impossible to achieve after a long shift without water change. The PERMANENT-CLEAN automatic soil removal immediately removes all soil particles from the wash tank. Thus, at the end of a long shift the wash water is still so clean that perfectly hygienic dishwashing results are guaranteed.

- Ensures permanently hygienic dishwashing results without water change
- Washes dishes hygienically, even with extreme amounts of soil carried into the machine



HOBART



WASH RESULT

INTENSIVE PROGRAMMES

Usually, extremely soiled wash ware requires intensive manual pre-treatment. To clean heavily soiled wash ware comfortably and with excellent wash results in the machine, **PREMAX** dishwashers use hot steam of 100 °C. By means of steam washing, dried protein and starch residues are removed from the chinaware. In the unique cutlery cycle, knives and forks can even be washed without previous soaking by high pressure combined with hot steam.

POWER-PLUS WASH PROGRAMME

The longer the dishes are left before being washed, the harder food residues are to remove from the crockery. After an extended period of drying, it may be necessary either to pre-wash the ware, or to run it several times through the dishwasher in order to achieve a hygienic wash result. The POWER-PLUS wash programme delivers increased washing pressure, through pumps connected in series. Contrary to conventional programmes, even difficult to remove food residues are washed off without the need for pre-cleaning. The POWER-PLUS wash programme guarantees a perfect wash result even with difficult to remove food residues.



PREMAX LINE EXCLUSIVE

GENIUS-X² FINE FILTER SYSTEM

Permanently clean wash water is the key requirement for an optimal wash result with less detergent and water consumption. In the next generation of the GENIUS-X² fine filter system, the wash water is continuously put through a system of filters. During the wash cycle the majority of soil particles are removed during the first phase of draining. Any remaining soil particles are retained in the filter and are then removed during the second stage of draining, just before the final rinse. The tank water is then replenished with fresh hot rinse water. This optimal regeneration ensures a perfect wash result. The fine filter system cleans itself during the draining phase. GENIUS-X² helps to reduce detergent consumption considerably.



INTERLOCKED STRAINER

Clean wash water and accurate detergent dosage are key factors in achieving a clean and hygienic wash result. An efficient filter system is useless if it is not in the right position. The strainer has an interlock which is continuously monitored by the control. The wash cycle can only be activated if the filter is correctly positioned.



ROTOR-X WASH SYSTEM

A perfect wash result is only achieved if the detergent makes contact with the entire surface of the wash ware items, dissolving and binding the soil. Therefore the wash water must reach every point of the items, and the more thoroughly and intensively this occurs, the better the result. The rotating ROTOR-X wash system of two 4-spoke wash arms, one above and one below. The rotation of the wash arms creates the necessary mechanical wash action, and at the same time the precise wash pattern of the wide angle nozzles ensures that the wash water reaches every part of the wash ware. The ROTOR-X wash system guarantees an outstanding cleaning result over the entire surface.



STARCH-REMOVAL CLEANING CYCLE

Depending on the type of food, and processes during meal service, starch deposits will appear on the ware over time. The patent pending starch-removal cleaning cycle removes the starch from the crockery. Inconvenient and time consuming manual handling using aggressive detergents is eliminated. The starch-removal cleaning cycle assists the staff and guarantees shining crockery.



ECONOMY

PREMAX LINE EXCLUSIVE

ECO PROGRAMMES

Low water consumption and short cycle times are important factors to reduce costs and save time. By using steam, the water consumption for steam rinsing is reduced to 1.4 l fresh water per rack. Compared to conventional models, this saves up to 44 % for water and cleaning agents. With HOT-TEMP washing at a higher temperature, the capacity of the machine can be increased by 17 % to 70 racks/h. The shortest cycle only takes 52 seconds.



EXHAUST ENERGY STORAGE

When a conventional hood-type dishwasher is opened, hot steam escapes at the open rear of the hood into the room, wasting valuable energy. The exhaust energy storage integrated as a standard in the HOBART dishwashers is based on the principle of a hood closed at all sides. When the machine is opened, the hot steam thus remains in the hood and cannot escape into the room. The thermal energy is retained for use in the system. With the energy storage provided as a standard, almost no humidity and energy is released into the room. As HOBART hood-type dishwashers have a closed hood, they do not need an extra system to recover heat from the exhaust air. The exhaust energy storage saves up to 3,120 kWh of energy or up to 720 € / £594 of energy costs per year*. And all this without any extra investment.

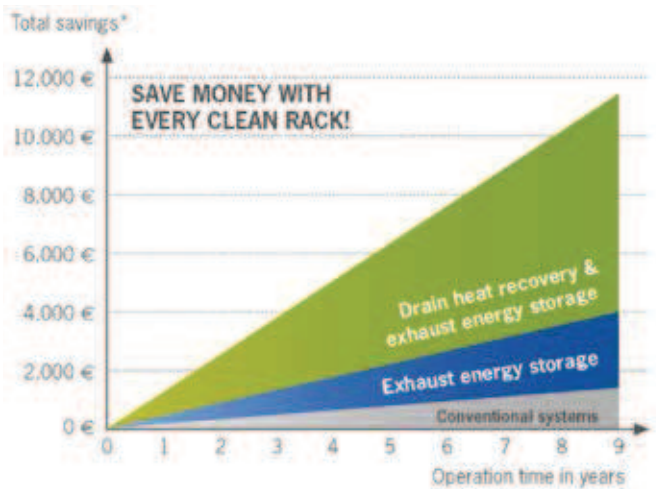


DRAIN HEAT RECOVERY

Commercial dishwashers need large amounts of energy to produce hot water for hygienic wash results. After the end of a wash cycle, waste water of a temperature of 60 °C is pumped off. The energy saved as heat in this water goes unused. The drain heat recovery system uses the energy from the waste water and returns it to the dishwasher. Through a heat exchanger, the 60 °C hot waste water is guided towards the supply of fresh cold water. In the resulting heat exchange, the 15 °C cold fresh water is heated to approx. 40 °C without any additional energy consumption. This reduces the energy required for reaching the final rinse temperature by up to 3,630 kWh per year*, protecting the environment and saving operating costs of up to 835 € / £689 per year*. Dishwashers with drain heat recovery require a lower connected load.



SAVINGS ACHIEVED BY DIFFERENT ENERGY RECOVERY SYSTEMS



* Calculation basis: AMXT with 100 cycles/day, 312 days/year, energy costs: 0.23 € / £0.19 /kWh, volume of rinse water: 2.0 l/rack

HEAT AND NOISE INSULATED HOOD

15 mm hood insulation helps to retain further valuable energy during operation. The wash water does not lose heat through the hood which increases heat conservation and thereby saves energy. The fully enclosed hood enhances the energy-saving effect of the insulation.



INTELLIGENT ENERGY MANAGEMENT

To reduce the total connected load of hood-type dishwashers, commercial machines reduce the heating power in the heating unit. However, this extends the heating times by up to 100%. Thanks to the intelligent energy management of HOBART hood-type dishwashers, the heating unit is always filled at maximum boiler capacity. The filling time is reduced. During washing, the heater power can be reduced to the minimum required to provide energy for the wash pump and the tank heating. Thanks to the intelligent use of the available energy, short heating times with reduced total connected load are ensured.

SENSO-ACTIVE RESOURCE MANAGEMENT

The level of soil in the wash water depends on the daily changing menu, the dishes selected by guests and the time of day. Conventional machines do not adapt their cycles according to the level of soil in the machine. Usually they use the maximum amount of rinse water to ensure sufficient regeneration of the wash water. As a result they use more water than they actually need. The intelligent SENSO-ACTIVE resource management constantly measures the quality of the wash water and keeps the amount of rinsing needed in each rinse cycle to the minimum in order to guarantee a fully hygienic wash result. This reduces the amount of fresh water used per rinse cycle by up to 1.4 l. The intelligent SENSO-ACTIVE resource management can save up to 44 % water, detergent and energy.

HOBART

PREMAX

A control panel featuring a green play button icon, a blue digital display, and several small indicator lights.

HOBART

HANDLING

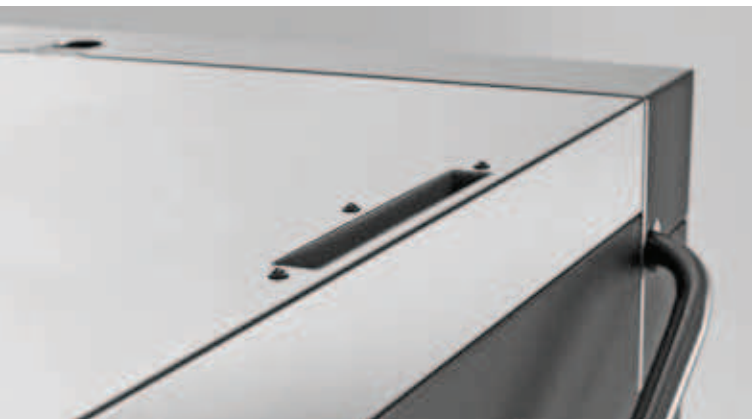
VISIOTRONIC CONTROL

A control panel must show the operator key information, such as the programme status or warning signals, immediately and at a glance. Further information about the current wash programme, temperature or operating data must be accessible quickly and easily. The intelligent VISIOTRONIC control panel satisfies all these requirements. All the necessary information appears in the large display, both in clear text and in the form of symbols. The display is activated by a proximity sensor and is deactivated when the operator moves away from the machine. The START button is permanently lit up and uses colour coding to show the current operating status of the machine. The intelligent VISIOTRONIC control panel ensures a simple and intuitive operating of the HOBART dishwashers.



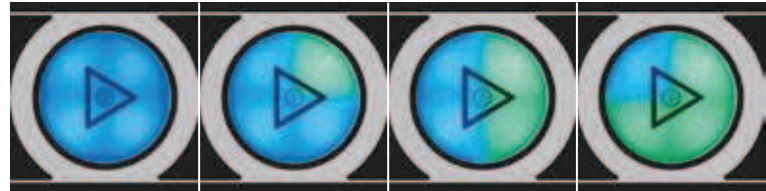
VAPOSTOP HOOD SYSTEM

When opening a conventional dishwasher hot steam escapes from the machine. The additional VAPOSTOP hood system extracts the moisture saturated air by means of multistage ventilation. Due to the VAPOSTOP hood system the escape of the steam is effectively avoided. So removing the wash ware is much easier for the operator. The input of humidity into the room decreases by 90 % compared to ordinary machines.



REMAINING TIME INDICATOR

The remaining time indicator visibly shows the progress of the running wash programme. The four segments of the START button colour up clockwise in sequence. Even in peak times personnel can set their priorities at a glance and work more efficiently.



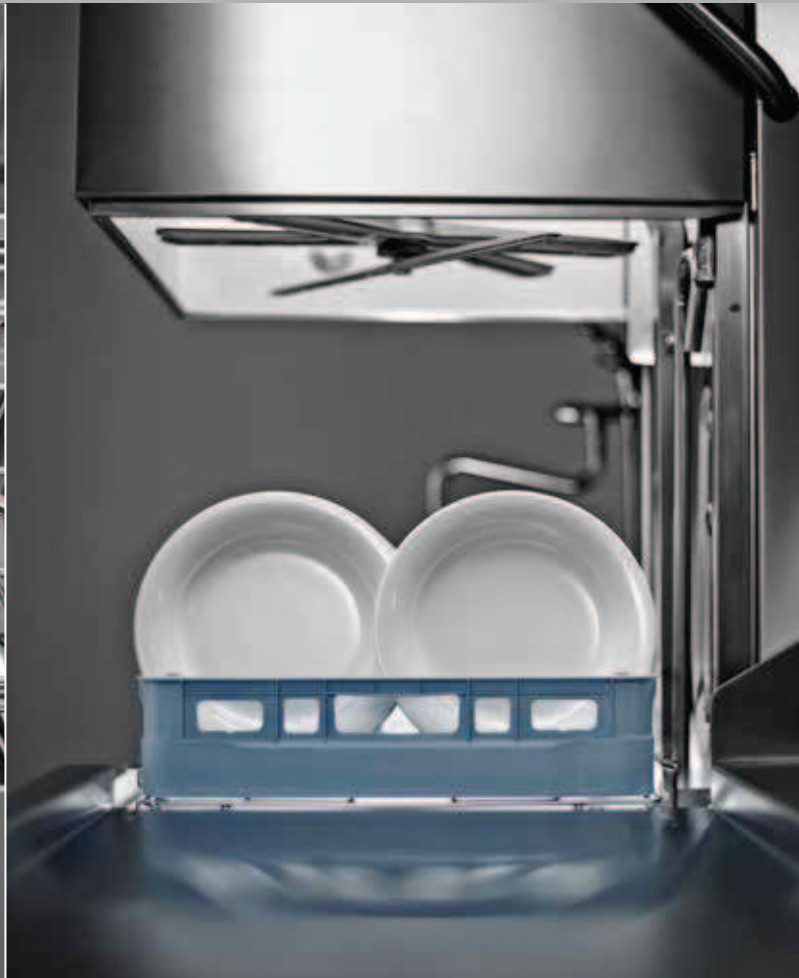
REFILL SIGNAL

For machines with external containers the integral low level signal indicates when detergent and rinse aid need refilling. This guarantees a perfect wash result every time.

INTEGRATED WATER SOFTENER

Limescale is a mineral that is responsible for building up of deposits on machine parts, in the boiler and on heating elements reducing efficiency and detergent performance, increasing running costs and causing failures. Dishwashers can be equipped with an integrated water softener. The automatic water softening process ensures the smooth operation of the dishwasher. It also provides effective protection for the machine – and in particular for the heating elements in the boiler – from building up of limescale.

HOBART



HANDLING

BLOCKED FILTER SENSOR

If there is a lot of soil in the machine, the filter may become clogged. The blocked filter sensor registers this, and displays a warning on the control panel. This function assists the operating personnel and ensures proper ongoing dishwashing operation.

AUTOMATIC HOOD LIFT

The optional automatic hood lift opens the hood automatically at the end of the programme, and closes it by pushing a button. The automatic hood lift delivers maximum convenience for the operators.

HYGIENE PROGRAMME

A dirty dishwasher cannot deliver clean results and over a period of time soil particles, starch and sometimes limescale can build up inside the machine leading to bacteria and poor machine hygiene. Together with the specially formulated chemical tablets HOBART's hygiene programme effectively removes these deposits from the wash tank and chamber leaving a clean machine with a fresh smell.

CLIP-IN WASH AND RINSE ARMS

To make the machine cleaning even easier both the wash and rinse arms can be lifted out of the wash chamber using the CLIP-IN system with one hand. After cleaning, the wash and rinse arms can be replaced just as easily with no tools required.



EASY-CLEAN CONCEPT

Some machine parts should be cleaned every day. To show the operator clearly which parts must be removed from the machine for cleaning, the respective parts are colour-coded. This makes machine cleaning fast and simple.

USB INTERFACE FOR DATA DOCUMENTATION

DIN SPEC 10534 specifies that the documentation of relevant operating data, such as temperature or duration of the wash cycle, is mandatory for commercial dishwashers. The VISIOTRONIC control automatically carries out this labour-intensive task. The machine has a USB interface for easy download of this data in regular intervals.

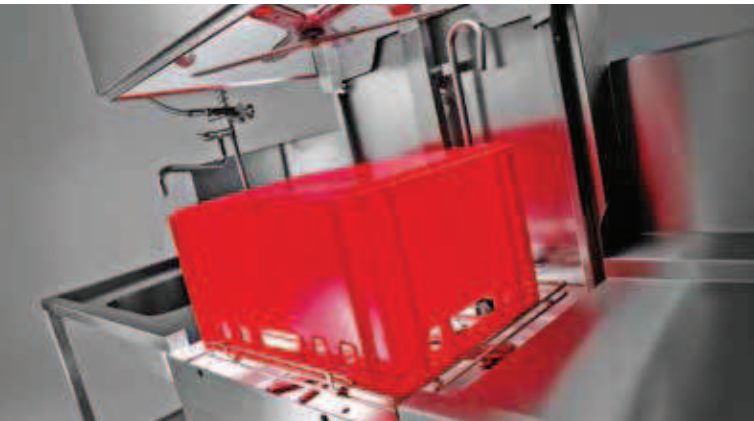
Thus, operating and hygiene parameters can be documented and saved completely and fast on an external terminal.



FLEXIBILITY

XL WASH CHAMBER

The extra wide hood and the increased loading height of the **PROFI AMXXL** and **PREMAX AUPL** models allow for the easy insertion of EN standard boxes and racks. The large hood offers space for two 1/1 GN boxes, or up to eight loading trays and 600 x 400 mm serving trays.



INSTALLATION OPTIONS

Hood-type dishwashers from HOBART can be installed anywhere in the kitchen and adapted to suit the workflow. Hood-type machines can be loaded with racks from the left or the right. Apart from installation along a wall between two tables, all hood-type machines can be used as corner units for integration into table systems. In such installations, the machine again shows its flexibility as it can be loaded with racks from the side or from the front.



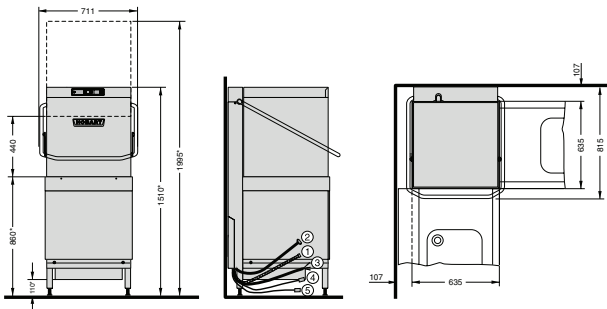
DOUBLE CAPACITY

In a cycle, the **PROFI AMXT** and **PREMAX AUPT** models can process two racks with crockery, serving and compact trays as well as pots and pans. It does away with unnecessary waiting times and allows for a continuous cleaning workflow.

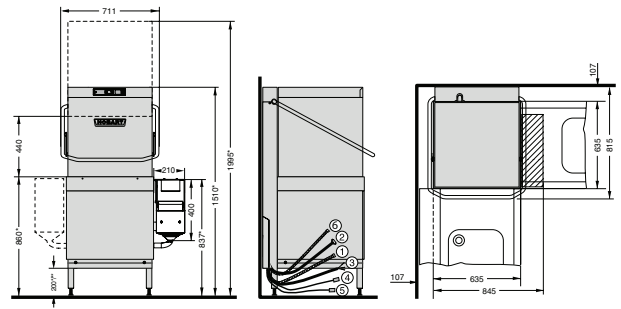


DRAWINGS

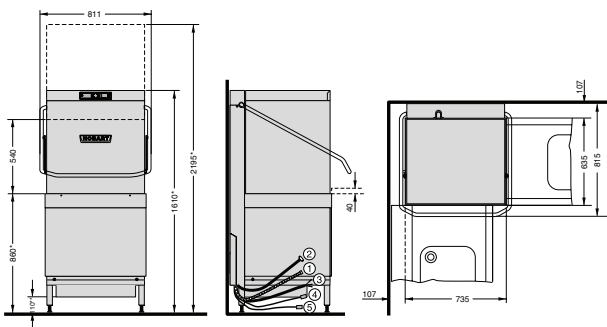
AM900/AMX/AMXX



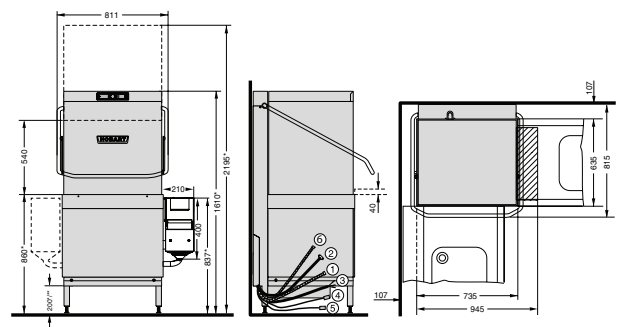
AUP



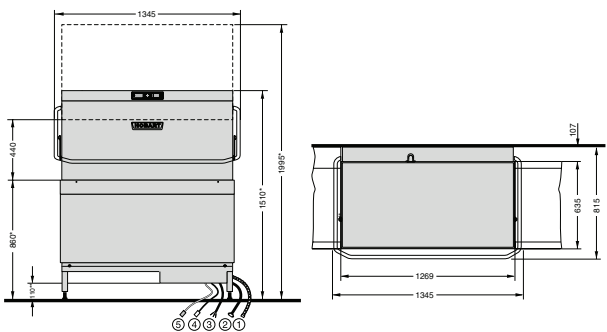
AMXXL



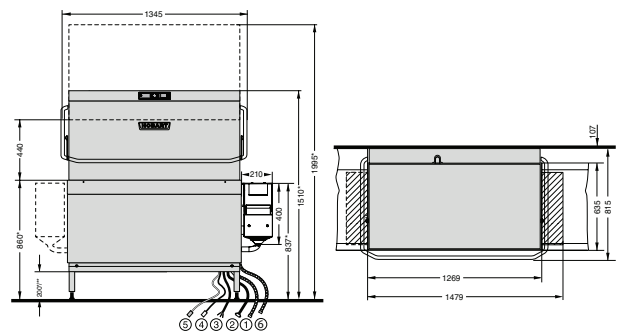
AUPL



AMXT



AUPT



PROFI models: Drawing includes heat recovery.

For corner installation of AMXXL and AUPL max. table profile height is 40 mm.

* + 25 mm adjustable feet

** 137 mm for models with drain heat recovery

- ① flexible drain hose ② fresh-water connection ③ power cord ④ hose for detergent ^{a)} ⑤ hose for rinse aid ^{a)}

^{a)} for machines with external containers



FEATURES

PROFI-LINE

MODEL	AM900	AMX	AMXR	AMXX	AMXXR	AMXXL	AMXT
PERMANENT-CLEAN automatic soil removal	-	-	-	-	-	-	-
WASH RESULT							
Intensive programmes	-	-	-	-	-	-	-
GENIUS-X ² fine filter system	-	●	●	●	●	●	●
POWER-PLUS wash programme	-	-	-	-	-	-	-
ROTOR-X wash system	-	-	-	●	●	●	-
Interlocked stainer	-	●	●	●	●	●	●
Starch-removal cleaning cycle	-	●	●	●	●	●	●
ECONOMY							
Eco programmes	-	-	-	-	-	-	-
Exhaust energy storage	●	●	●	●	●	●	●
Drain heat recovery	-	-	●	-	●	○	○
Heat and noise insulated hood	-	●	●	●	●	●	●
SENSO-ACTIVE resource management	-	●	●	●	●	●	●
Intelligent energy management	-	-	-	●	●	●	●
HANDLING							
VISIOTRONIC control	●	●	●	●	●	●	●
VAPOSTOP hood system	-	○	○	○	○	○	○
Remaining time indicator	●	●	●	●	●	●	●
Refill signal	-	●	●	●	●	●	●
Integrated water softener	○	○	○	○	○	○	-
Blocked filter sensor	-	-	-	●	●	●	●
Automatic hood lift*	-	○	○	○	○	○	○
Hygiene programme	-	●	●	●	●	●	●
CLIP-IN wash and rinse arms	●	●	●	●	●	●	●
EASY-CLEAN concept	●	●	●	●	●	●	●
USB-interface	●	●	●	●	●	●	●
FLEXIBILITY							
XL wash chamber	-	-	-	-	-	●	-
Double capacity	-	-	-	-	-	-	●
Installation options	●	●	●	●	●	●	●

● Inclusive ○ Optional - Not available

* Automatic hood lift not possible for corner installations of PREMAX AUP/AUPL

MODEL	PREMAX-LINE		
	AUP	AUPL	AUPT
PERMANENT-CLEAN automatic soil removal	● PREMAX-LINE EXCLUSIVE	● PREMAX-LINE EXCLUSIVE	● PREMAX-LINE EXCLUSIVE
WASH RESULT			
Intensive programmes	● PREMAX-LINE EXCLUSIVE	● PREMAX-LINE EXCLUSIVE	● PREMAX-LINE EXCLUSIVE
GENIUS-X ² fine filter system	●	●	●
POWER-PLUS wash programme	● PREMAX-LINE EXCLUSIVE	● PREMAX-LINE EXCLUSIVE	● PREMAX-LINE EXCLUSIVE
ROTOR-X wash system	●	●	●
Interlocked stainer	●	●	●
Starch-removal cleaning cycle	●	●	●
ECONOMY			
Eco programmes	● PREMAX-LINE EXCLUSIVE	● PREMAX-LINE EXCLUSIVE	● PREMAX-LINE EXCLUSIVE
Exhaust energy storage	●	●	●
Drain heat recovery	–	–	–
Heat and noise insulated hood	●	●	●
SENSO-ACTIVE resource management	●	●	●
Intelligent energy management	●	●	●
HANDLING			
VISIOTRONIC control	●	●	●
VAPOSTOP hood system	○	○	○
Remaining time indicator	●	●	●
Refill signal	●	●	●
Integrated water softener	○	○	–
Blocked filter sensor	●	●	●
Automatic hood lift*	○	○	○
Hygiene programme	●	●	●
CLIP-IN wash and rinse arms	●	●	●
EASY-CLEAN concept	●	●	●
USB-interface	●	●	●
FLEXIBILITY			
XL wash chamber	–	●	–
Double capacity	–	–	●
Installation options	●	●	●



TECHNICAL DATA

PROFI-LINE

MODEL	AMX AM900	AMXR	AMXX	AMXXR	AMXXL
CYCLE TIMES*	60 / 90 / 180 sec. and special cycles	60 / 90 / 180 sec. and special cycles	52 / 75 / 180 sec. and special cycles	52 / 75 / 180 sec. and special cycles	52 / 75 / 180 sec. and special cycles
CAPACITY					
Racks	60 /h	60 /h	70 /h	70 /h	70 /h
Dishes	1,080 /h	1,080 /h	1,260 /h	1,260 /h	1,680 /h
Glasses	2,160 /h	2,160 /h	2,520 /h	2,520 /h	2,520 /h
TANK CAPACITY	23 l	23 l	40 l	40 l	40 l
WATER CONSUMPTION	2.0 l/rack	2.0 l/rack	2.0 l/rack	2.0 l/rack	2.0 l/rack
WASH PUMP	0.7 kW	0.7 kW	1.1 kW	1.1 kW	1.1 kW
Tank heating	2.5 kW	2.5 kW	2.5 kW	2.5 kW	2.5 kW
BOOSTER LOADING					
Standard	6.2 kW	6.2 kW	12.4 kW	6.2 kW	12.4 kW
Alternative			6.2 kW	12.4 kW	6.2 kW
TOTAL LOADING					
Standard	7.1 kW 3 x 16 A	7.1 kW 3 x 16 A	16.3 3 x 32 A	7.6 3 x 16 A	16.3 3 x 32 A
Alternative			10.1 3 x 25 A	12.6 3 x 20 A	10.1 3 x 25 A
Power supply	400 / 50 / 3N	400 / 50 / 3N	400 / 50 / 3N	400 / 50 / 3N	400 / 50 / 3N
DIMENSIONS					
Width	635 mm	635 mm	635 mm	635 mm	735 mm
Depth	742 mm	742 mm	742 mm	742 mm	742 mm
Height	1,510 mm	1,510 mm	1,510 mm	1,510 mm	1,610 mm
Loading height	440 mm	440 mm	440 mm	440 mm	540 mm
Height with open hood	1,995 mm	1,995 mm	1,995 mm	1,995 mm	2,195 mm
Rack size	500 x 500 mm	500 x 500 mm	500 x 500 mm	500 x 500 mm	500 x 500 600 x 500 mm

CONCEPT SOLUTIONS FOR OPTIMISED WASHING RESULTS

WATER TREATMENT

The right solution for every water quality: Water softening plant to prevent the build-up of limescale and osmosis plant for a stainless wash result.

WASHING CHEMICALS

The right detergent for every application – perfectly suited to the individual machine. **The HYLINE hygienic range.**



PREMAX-LINE

MODEL	AMXT	AUP	AUPL	AUPT
CYCLE TIMES*	60 / 90 / 180 sec. and special cycles	52 / 70 / 170 / 180 sec. and special cycles	52 / 70 / 170 / 180 sec. and special cycles	52 / 70 / 170 / 180 sec. and special cycles
CAPACITY				
Racks	120 /h	70 /h	70 /h	140 /h
Dishes	2,160 /h	1,260 /h	1,680 /h	2,520 /h
Glasses	4,320 /h	2,520 /h	2,520 /h	5,040 /h
TANK CAPACITY	40 l	40 l	40 l	80 l
WATER CONSUMPTION	2.0 l/rack	1.4 l/rack	1.4 l/rack	1.4 l/rack
WASH PUMP	2 x 0.7 kW	2 x 1.1 kW	2 x 1.1 kW	4 x 1.1 kW
Tank heating	3.3 kW	2.5 kW	2.5 kW	6.0 kW
BOOSTER LOADING				
Standard	12.4 kW	12.4 kW	12.4 kW	12.4 kW
Alternative	6.2 kW	6.2 kW	6.2 kW	6.2 kW
TOTAL LOADING				
Standard	19.4 3 x 32 A	17.5 3 x 35 A	17.5 3 x 35 A	23.5 3 x 40 A
Alternative	12.5 3 x 20 A	11.3 3 x 25 A	11.3 3 x 25 A	18.7 3 x 32 A
Power supply	400 / 50 / 3N	400 / 50 / 3N	400 / 50 / 3N	400 / 50 / 3N
DIMENSIONS				
Width	1,268 mm	635 mm	735 mm	1,268 mm
Depth	742 mm	742 mm	742 mm	742 mm
Height	1,510 mm	1,510 mm	1,610 mm	1,510 mm
Loading height	440 mm	440 mm	540 mm	440 mm
Height with open hood	1,995 mm	1,995 mm	2,195 mm	1,995 mm
Rack size	500 x 500 mm	500 x 500 mm	500 x 500 600 x 500 mm	500 x 500 mm

* The machine is equipped with an automatic cycle-time control which ensures hygienic rinse temperatures even on a cold-water supply or with reduced heating performance.



THE COMPANY

HOBART is the world market leader in commercial warewashing technology and renowned manufacturer of cooking, food preparation, refrigeration, and environmental technology. Established 1897 in Troy, Ohio, HOBART today employs more than 6,900 employees around the world. At our manufacturing plant in Offenburg, Germany, HOBART develops, produces, and distributes warewashing technology worldwide. Internationally, gastronomy hotels canteens, bakeries and butcher shops, supermarkets, airlines and cruise ships swear by our innovative products, which are considered to be economical and ecological market leaders.



WHENEVER THE FIRST
MACHINE WILL BE CAPABLE OF
WASHING WITHOUT WATER –
IT WILL BE A HOBART.

We provide this promise of quality to our customers,
and it represents our personal standard upheld by
all our staff at HOBART.

OUR VISION - WASH WITHOUT WATER

Intensive market research has shown, that our customers expect warewashing technology that combines efficiency with optimal performance. We hold ourselves to these claims, and they form the foundation for our vision of „washing without water“. This vision is our continuous incentive to walk on new paths in order to constantly reduce the water, energy and chemical consumption. Step by step, we would like to come closer to our goal with innovative excellence, and we already know: Whenever the first machine will be capable of washing without water – it will be a HOBART.

OUR FOCUS

INNOVATIVE - ECONOMICAL - ECOLOGICAL


This is our philosophy. To us, innovation means continuously setting new standards in technology, combined with real added value for the customer. An enterpriseowned technological centre and an innovation centre for warewashing technology at our headquarters in Germany make this possible. Highly efficient products are created with bundled innovation, which continuously confirm our status as technological leader. To be economical means to set standards in relation to the lowest operating costs and minimal use of resources, and to revolutionise the market continuously. To be ecological means a responsible handling of resources and a sustainable energy policy. This applies not only to the product in use, but in general to all areas of the organisation, such as purchasing or manufacturing.



2

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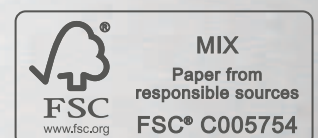
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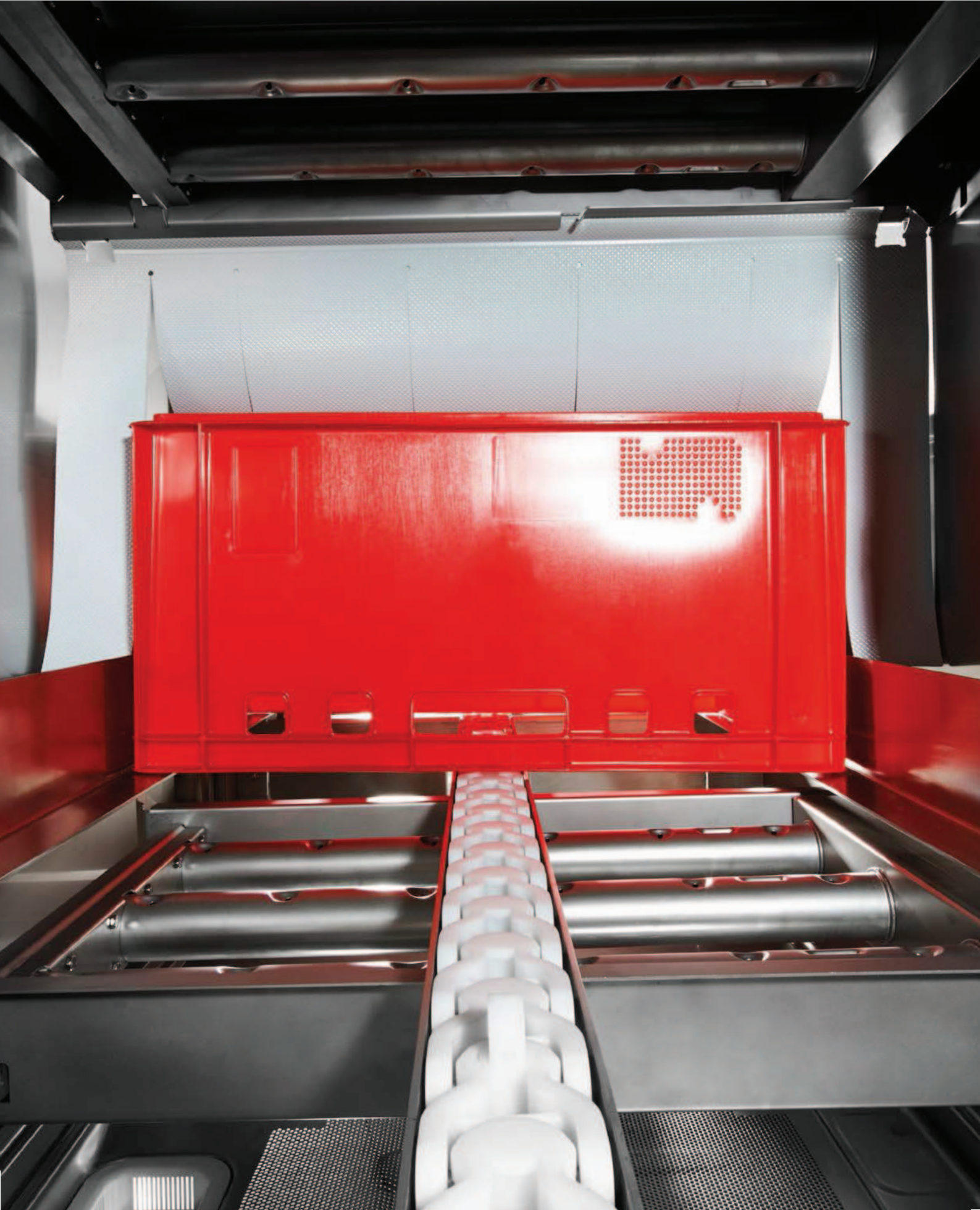


WAREWASHING
CONTAINER WASHER

FUX-C



HOBART



POWERFUL – ECONOMICAL

In bakeries and butcher's shops, the daily wash load includes a large number of racks and containers. The HOBART FUX-C achieves excellent and hygienic wash results for up to 300 racks per hour.

The compact container washer FUX-C

- reduces water consumption by up to 25 %, with the corresponding reduction of detergent and power consumption;
- saves up to 10,630 € / £8,408 per year in operation costs
- consumes only 240 l of water per hour

The HOBART blow drying unit reduces the volume of residual water on the wash ware by up to 90 %, thus significantly enhancing the drying effect.

An efficient power package – HOBART FUX-C!





HIGH LEVEL OF ECONOMY

LOW WATER CONSUMPTION

The main purpose of fresh-water rinsing is to clean the remaining detergents off your wash ware. The distribution of the fresh water inside the machine is decisive for the amount of water used. The optimized arrangement of the precision nozzles in the warewashing system reduces the amount of water required. Compared to conventional machines, the water consumption is reduced by up to 25 % to 240 l per hour. Consequently, the washer also needs less rinse agent and less power.



CLIMATE ENERGY SAVING SYSTEM

The machine uses energy to ensure a stable temperature balance within a dishwasher, which is a precondition for achieving constantly good, hygienic dish washing results. This energy should be used as efficiently as possible, and losses through the exhaust air should be reduced to a minimum. CLIMATE, the innovative energy saving system, prevents loss of energy and significantly reduces the operating costs for the machine. The energy in the hot exhaust air is continuously returned to the machine. In this way, savings of up to 9 kWh are possible. The innovative CLIMATE energy saving system improves economic efficiency and ecology, meeting the requirements of our customers.



LOW CONNECTED LOAD

Exceeding specified peak power consumption limits leads to disproportionately high increases in electricity bills. Decreased water consumption reduces the power consumption and the connected load of the FUX-C. Additional costs due to exceeded peak limits are prevented, operating costs are reduced.

OPERATING COSTS CALCULATION

	CONVENTIONAL TECHNOLOGY	FUX-C
Energy / year	9,370 € / £7,412	3,370 € / £2,666
Water / year	2,885 € / £2,282	1,440 € / £1,139
Detergents / year	7,185 € / £5,683	3,990 € / £3,156
TOTAL COSTS	19,440 € / £15,377	8,805 € / £6,965
OPERATING COSTS SAVED		10,630 € / £8,408

BEST WASH RESULT

BLOW DRYING UNIT B

Crates, containers, and baking trays have poor self-drying characteristics. A large quantity of water remains on the wash ware after rinsing. As you take the wash ware out of the washer, the water will drip onto the floor and collect in front of the machine. This not only results in a slip hazard for the operator but also causes an unnecessarily large loss of water from the machine. The blow drying unit reduces the residual water on the wash ware by means of two powerful fans. Two fanned nozzles above and below create a powerful stream of air that blows the water off the wash ware. This eliminates puddles in front of the machine and keeps the water where it belongs – inside the machine. The blow drying unit reduces the amount of water left on containers by up to 90 %, ensuring that the wash ware dries off more quickly.

CHAIN CONVEYOR SYSTEM

The more direct the route the detergent takes to reach your wash ware, the better your wash result. The chain conveyor system optimizes detergent application and prevents blind spots. The detergent is directed straight onto the wash ware. Accordingly, the chain conveyor system ensuring the best possible cleaning result.

INCLINATION

Crate and rack bases lose shape with time. As a result, water and soil residues are left on wash ware items horizontally positioned. Fitted as standard, wash ware inclination during conveyor transport through the machine prevents water and soil being carried through the washer. The standard wash ware inclination thus optimizes the washing and rinsing result.



HIGH CAPACITY

The faster the wash, the better the performance. The washing system with optimized wide-angle nozzle arrangement from above, below and from the side give you ideal water distribution in the machine. The water reaches every corner of your wash ware at high pressure. The cleaning result is achieved in a shorter period of time. The warewashing system gives you a very fast wash at up to 300 racks per hour.

SOIL TRAP

Washing results deteriorate with increasing amounts of soil carried through the wash. The optional integrated soil collector system separates the soil from the wash ware before washing, taking it straight into the drain and preventing soil from entering the wash. The soil trap ensures the optimum washing result required.

HOBART



OPERATION & RELIABILITY

SMARTRONIC CONTROL

In busy periods, a machine must be ready to operate quickly and reliably. The SMARTRONIC one-button control combines all key function in the STARTER button: switch on, wash, and switch off. The Starter indicates the operating statuses in clearly understandable colours: heating, washing, operative. Details can be accessed as required at the touch of a button. Operating errors and any related failures are virtually eliminated.

TURNING SYSTEM

The turning system provides ideal conditions for single-operator control at less busy times. The racks are placed onto the feed track into the machine on reaching the discharge track, turned, cleaned, and taken back off the discharge track.

EASY-TO-CLEAN INTERIOR

Smooth surfaces in the interior and completely recessed tanks with rounded corners reduce the number of hygienic problem zones. The wide-area door gives easy access to the interior for fast and easy cleaning.

EASY-TO-CLEAN DROP-IN WASH SYSTEM

Thanks to the innovative design of the wash arm, it is not necessary to unscrew the end caps. Cleaning the wash arms requires only one simple step. Fast cleaning of wash ware has never been so easy.

PROVEN MATERIALS

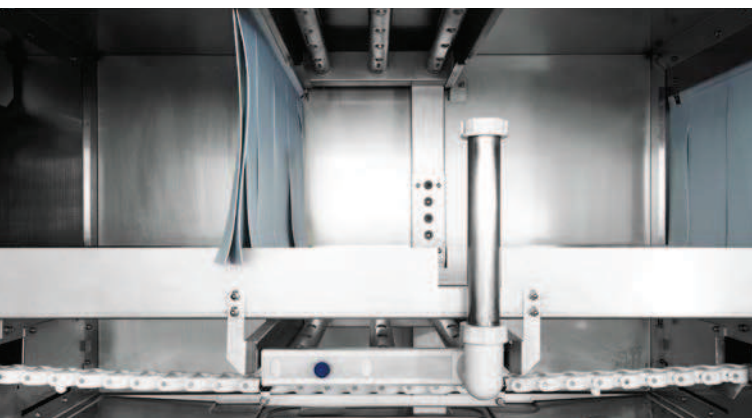
The container washer is made of chrome-nickel steel, ensuring a long service life.

SOPHISTICATED DESIGN

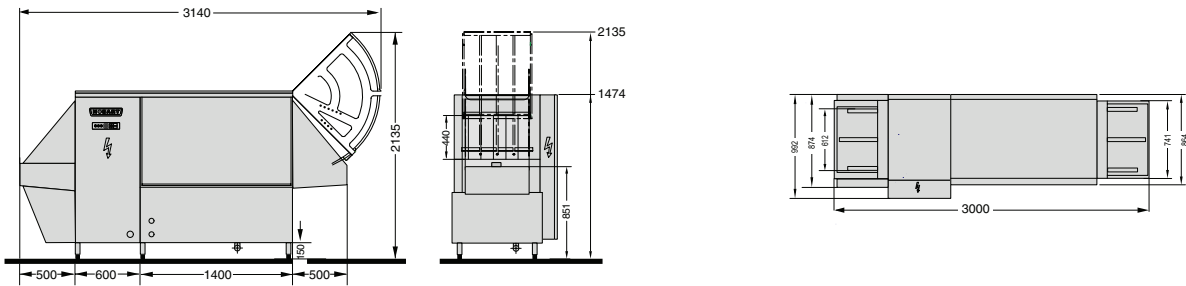
With decades of experience in the construction of container washers, all components are perfectly coordinated. This sophisticated design ensures maximum reliability.

CODED CLEANING ASSISTANT

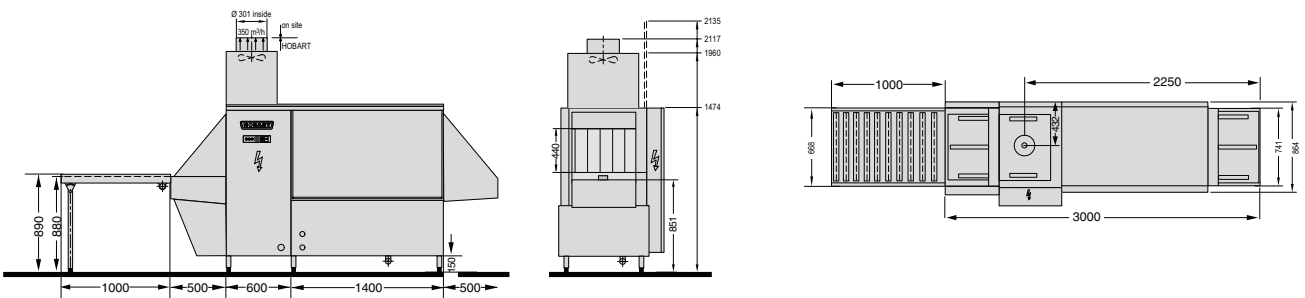
Blue markings on the components in the machine help the operator to identify the components which require cleaning.



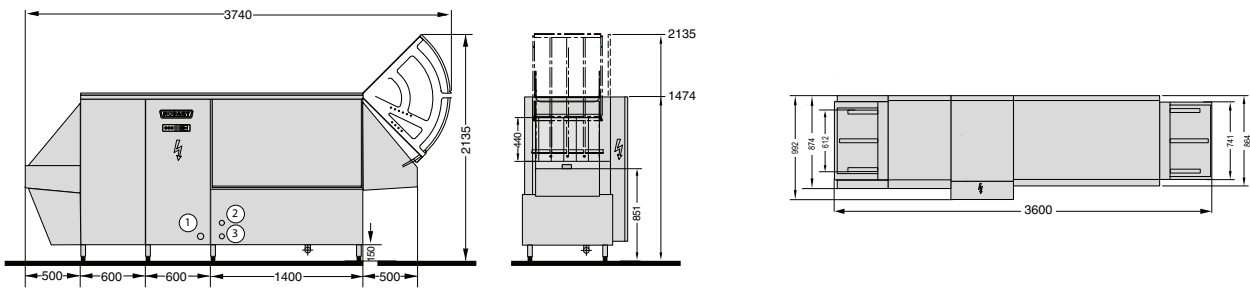
DRAWINGS



FUX-C WITH EXHAUST HOOD AND EXIT ROLLER CONVEYOR



FUX-C WITH RACK TURNING DEVICE (ONE-MAN OPERATION) AND BLOWER



TECHNICAL DATA

MODEL	FUX-C
CAPACITY	
Boxes and containers positioned across conveyor, trays and baking sheets up to 600 x 400 x 400 mm	150 300 /h
FRESH WATER CONSUMPTION	240 l/h
TANK VOLUME	125 l
TOTAL LOADING (without blow drying)	26.9 kW*
HEAT OUTPUT	
Wash tank	12 18 kW
Heat recovery rinse booster / hot water connection(max. 60°C)	12 kW
Rinse booster for cold water connection	21 kW
WASH PUMP CAPACITY	2.2 4.0 kW
BLOW DRYING B (optional)	2 x 2.7 kW
Fuse in A	3 x 50
Nominal voltage in V / Hz /N-PE	400 /50 /3
Noise level	76 db (A)
DIMENSIONS	
Width	992 mm
Length	3,000 mm
Height	1,474 mm
Loading width	612 mm
Loading height	440 mm
Length of blow drying unit	600 mm
FEATURES	
Container turning device	○
Heat recovery	○
Temperature display	●
Rinse pump	●

● Included ○ Optional

* With warm water connection 60 °C or heat recovery



HOBART



PREMAX

INNOVATIVE



HOBART

ECONOMICAL



HOBART

ECOLOGICAL

THE COMPANY

HOBART is the world market leader in commercial warewashing technology and renowned manufacturer of cooking, food preparation and waste technology. Established 1897 in Troy, Ohio, HOBART today employs more than 6,900 employees around the world. At our manufacturing plant in Offenburg, Germany, HOBART develops, produces, and distributes warewashing technology worldwide. All over the world, the hotel and catering trade, cafeterias, bakeries and butcher shops, supermarkets, airlines, cruise ships, automotive suppliers, research centres and pharmaceutical companies swear by our innovative products, which are considered to be economical and ecological market leaders.

OUR FOCUS

INNOVATIVE - ECONOMICAL - ECOLOGICAL

This is our philosophy. To us, innovation means continuously setting new standards in technology, combined with real added value for the customer. An enterpriseowned technological centre and an innovation centre for warewashing technology at our headquarters in Germany make this possible. Highly efficient products are created with bundled innovation, which continuously confirm our status as technological leader. To be economical means to set standards in relation to the lowest operating costs and minimal use of resources, and to revolutionise the market continuously. To be ecological means a responsible handling of resources and a sustainable energy policy. This applies not only to the product in use, but in general to all areas of the organisation, such as purchasing or manufacturing.

**WHENEVER THE FIRST
MACHINE WILL BE CAPABLE OF
WASHING WITHOUT WATER –
IT WILL BE A HOBART.**

We provide this promise of quality to our customers,
and it represents our personal standard upheld
by all our staff at HOBART.

OUR VISION - WASH WITHOUT WATER

Intensive market research has shown, that our customers expect warewashing technology that combines efficiency with optimal performance. We hold ourselves to these claims, and they form the foundation for our vision of „washing without water“. This vision is our continuous incentive to walk on new paths in order to constantly reduce the water, energy and chemical consumption. Step by step, we would like to come closer to our goal with innovative excellence, and we already know: Whenever the first machine will be capable of washing without water – it will be a HOBART.

HOBART COMPETENT - FAST - RELIABLE

HOBART service technicians as well as HOBART service partners are the „real“ experts. Thanks to intensive training and many years of experience, these technicians have a unique and profound knowledge of the product. Maintenance and repair work is therefore always carried out professionally, fast, and reliably.



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WAREWASHING
CONTAINER AND UTENSIL WASHER

FUX



HOBART



POWERFUL AND ECONOMICAL: THE WASH WARE SOLUTION FOR CONTAINERS AND UTENSILS

The rack and utensils dishwasher series FUX by HOBART offers perfect machines for medium- and large-sized bakeries and butcher shops and for large catering establishments where up to 2,000 racks are washed per hour.

The system is characterized by an extraordinary performance and the lowest operating costs in the market.

And by way of exemplary warranties, HOBART provides the highest level of quality and reliability.



ECONOMY

THRIFTY RINSING

The FUX uses 16 % less rinse water, thus reducing operating costs for water by up to 2.000 € / £1,435 annually. The fresh water rinse removes the wash water from the wash ware – the amount of water consumed by this process is mainly determined by the technology used. The less precise the water distribution, the more water is needed to achieve perfect rinse results. HOBART's precision nozzles distribute the water with such laser-like exactness that optimum rinse results are obtained with a small amount of water. This in turn allows for savings in operating cost of up to 2.000 € / £1,435 annually.

LOW-CHEM DETERGENT SAVING SYSTEM

The FUX cuts detergent consumption by 60 %, thus reducing detergent and rinse aid costs by up to 3.300 € / £2,367 annually. Detergent is injected directly into the wash tank, which is continuously regenerated by fresh water from the rinse. Therefore detergent is added to maintain the concentration according to the added regeneration volume. The enhanced LOW-CHEM detergent saving system directs only 96 liter of fresh rinse water into the wash tank for regeneration. As a result detergent consumption is reduced by up to 60 % compared to conventional systems. This can reduce operating costs by up to 3.300 € / £2,367 annually.



AQUA-ADAPT WATER CONSUMPTION CONTROL

As a rule, modern warewashing systems offer a manual selection of various speeds. The proper speed is selected depending on the amount of wash ware, the degree of soiling or the time available for the washing process. With the water consumption management (patent pending), the fresh water consumption per hour is automatically adjusted to the selected transport speed. This ensures that the water quantity per machine meter is always at optimum level.

AUTO-SAVE COMPARTMENT DETECTION

In case of varying amounts of wash ware, the machines are not always loaded to full capacity. There will be empty compartments in between the wash ware. On average, they will amount to around 30 to 40 % of your wash ware compartments throughout the washing period, depending on how you use the appliance. The Compartment Detection (patent pending) automatically detects these gaps and will immediately reduce the fresh water consumption to the required minimum. Continuously good and perfectly hygienic wash results are guaranteed while the water, energy, and chemicals consumption is reduced.

CLIMATE ENERGY SAVING SYSTEM

The machine uses energy to ensure a stable temperature balance within a dishwasher, which is a precondition for achieving constantly good, hygienic dish washing results. This energy should be used as efficiently as possible, and losses through the exhaust air should be reduced to a minimum. CLIMATE, the innovate energy saving system, prevents loss of energy and significantly reduces the operating costs for the machine. The energy in the hot exhaust air is continuously returned to the machine. In this way, savings of up to 24 kWh are possible. The innovative CLIMATE energy saving system improves economic efficiency and ecology, meeting the requirements of our customers.

WASH RESULT

CONTAINER WASH SYSTEM

The HOBART container wash system guarantees reliable wash results. A high water circulation and the right water pressure are pivotal when it comes to achieving hygienic rinse results. The HOBART container wash system achieves this goal, thanks to the systems' innovative wide angle nozzles FAN, which remove even the most encrusted food by spraying water with an optimum mechanism. This ensures consistent and reliable wash results.

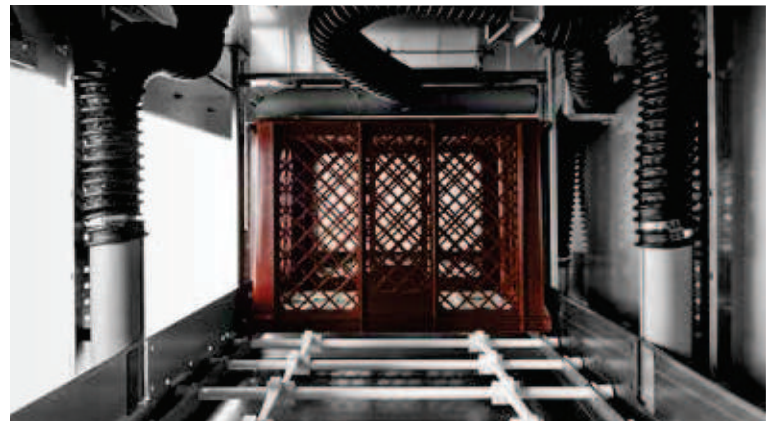
DUO PUMPED RINSE SYSTEM

The pumped rinse system DUO allows for hygienically perfect rinse results according to DIN 10522. Rinse quality is mainly determined by the manner in which fresh water is applied. Ideally, a minimum amount of water should be used. HOBART's pumped rinse system DUO, which comprises separate pumped rinse and fresh water rinse elements, achieves this goal. The pumped rinse, which occurs prior to the fresh water rinse, removes most of the wash water. The ensuing fresh water rinse then removes the remaining wash water using fresh hot water. The pumped rinse system DUO guarantees a perfect, hygienic wash result.



BLOWER SECTION

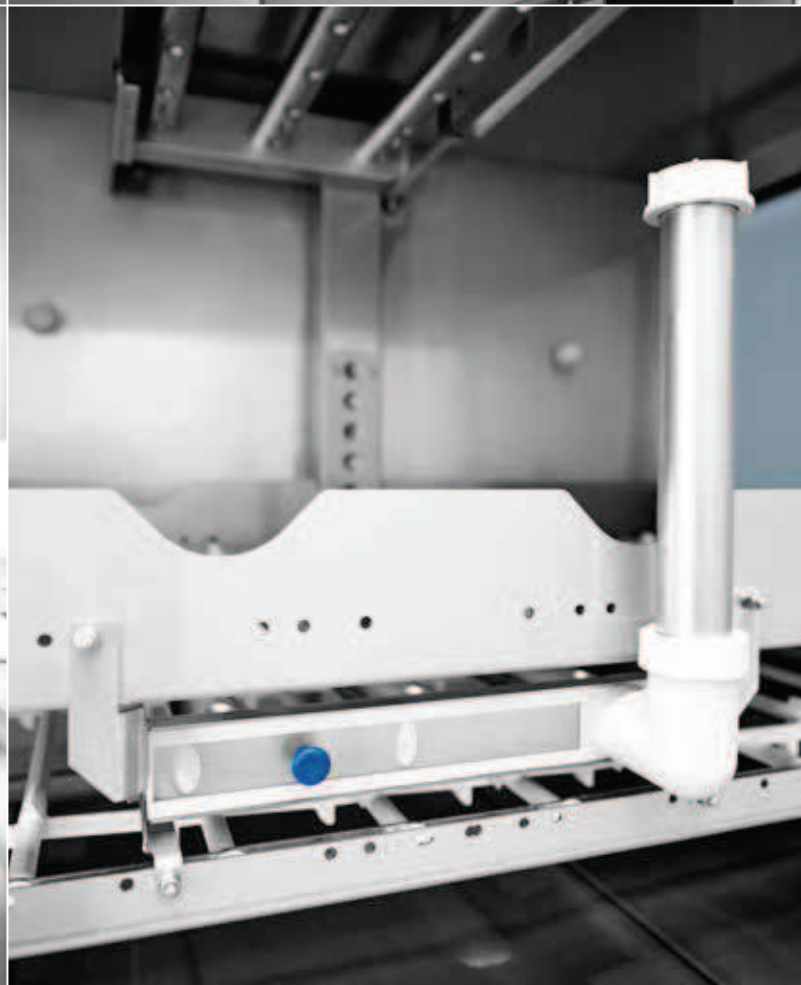
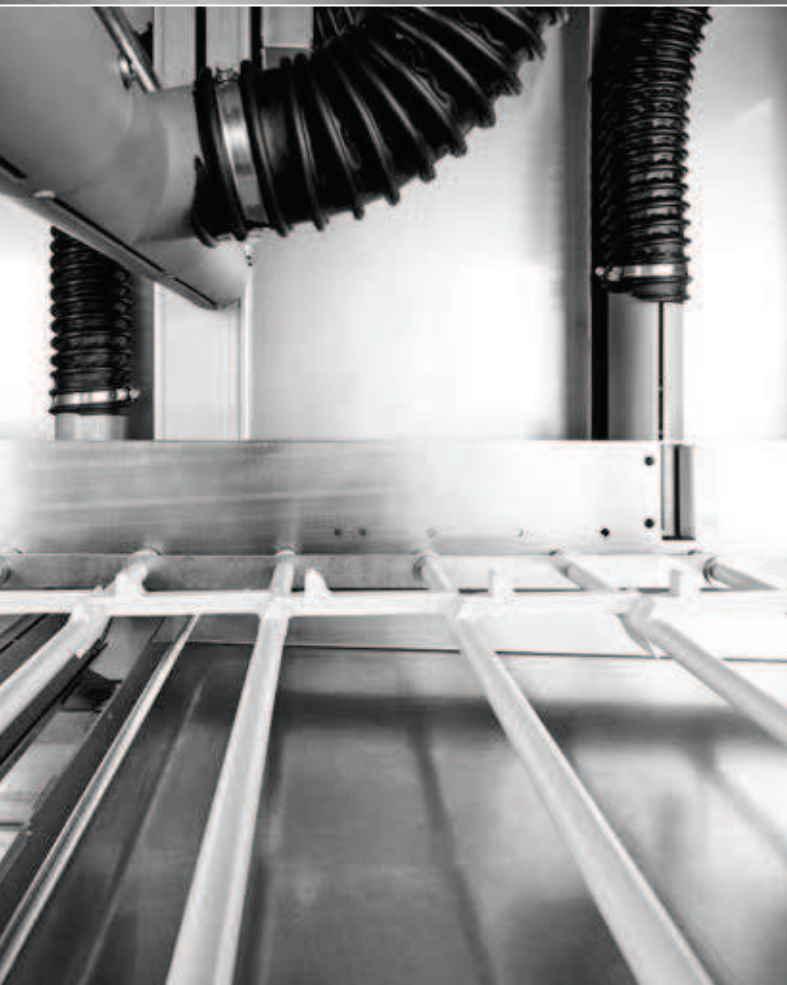
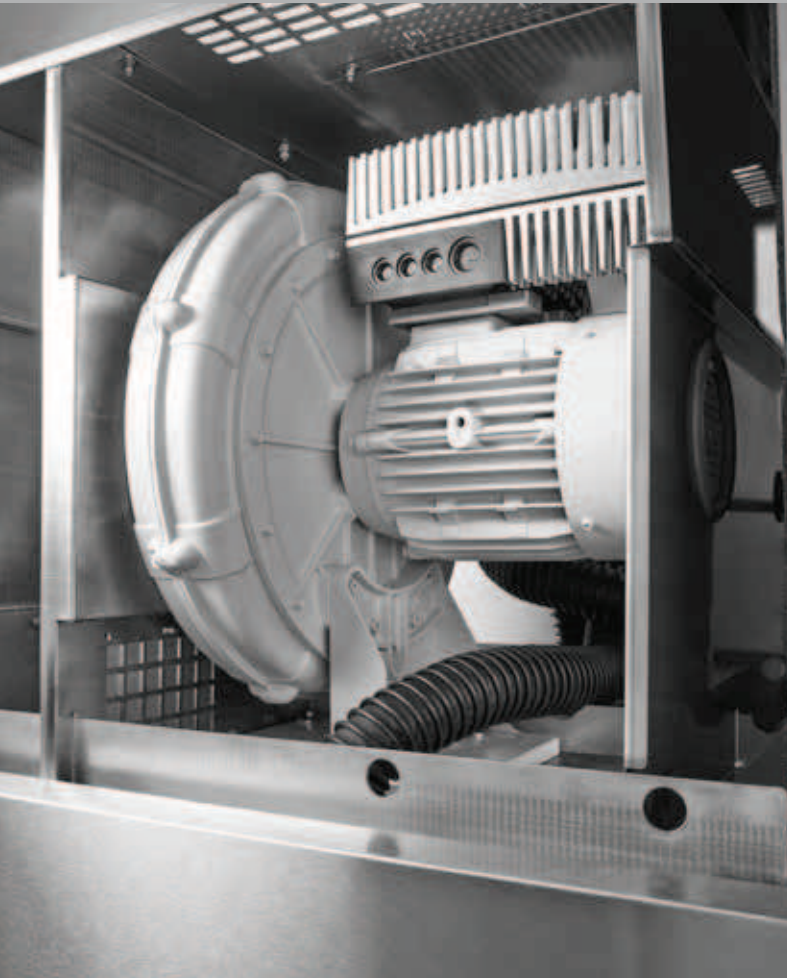
The HOBART blower section reduces residual moisture on containers and boxes. Most utensils, baskets and containers have recesses where moisture can accumulate, thus making it impossible for circulating hot air to remove the moisture. The presence of air slots on all four sides of the blower section allows for the removal of moisture from recesses and droppings from the wash ware using high-velocity air. This ensures that all residual moisture is reliably reached.



HIGH PERFORMANCE DRYING SYSTEM DS

HOBART's high performance drying system DS delivers optimum drying results. Drying quality for utensils and plastics is determined by two factors – the intrinsic temperature of the wash ware, as well as by air velocity and volume. The HOBART high performance drying system generates high-velocity air and volume. Moisture is more efficiently removed from the wash ware and absorbed by the drying air.*

* According to the requested residual moisture it is suggestive to use a combination of the blower section and the drying system DS for high capacities with plastic containers and boxes.



RELIABILITY & FLEXIBILITY

SEPARATE CLEANING LINE FOR BAKING TRAYS

The FUX allows for simultaneous washing of baskets and baking trays. In bakeries, apart from containers and boxes many baking trays (600 x 400 x 200 / 100 mm) must also be washed. Ideally, all these items should be washed using the same machine. HOBART offers a separate line in the machine where baking trays and trays can be washed and dried. This line has separate wash, rinse and drying systems, specifically aligned to the wash ware. Separate high pressure pumps, wash arm and nozzle configurations allow for a perfect wash result. The FUX's pumps and air fans can be deactivated when only baskets and boxes are being washed, thus reducing operating costs.



A RANGE OF TUNNEL WIDTHS

HOBART offers the right dishwasher for every type of wash ware. The dimensions of the utensils and containers that are washed vary from one industry or segment to another. HOBART offers three different tunnel widths, and thus an optimum machine for every application.

MODULAR CONSTRUCTION

The HOBART FUX is optimally tailored to the customer's requirements. Each machine is individually configured according to the customer's specifications in terms of the nature and quantity of the wash ware, as well as the drying cycle. Thanks to the modular construction of the FUX container and utensil washer, HOBART is able to offer each customer a machine that is configured to their exact needs.



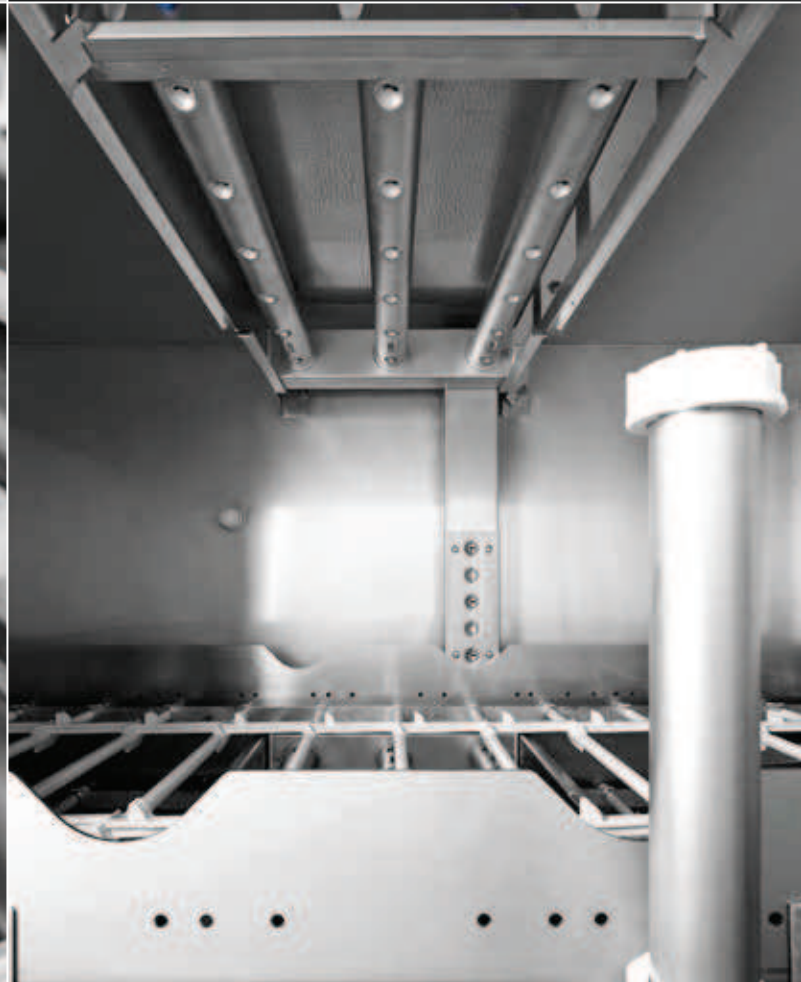
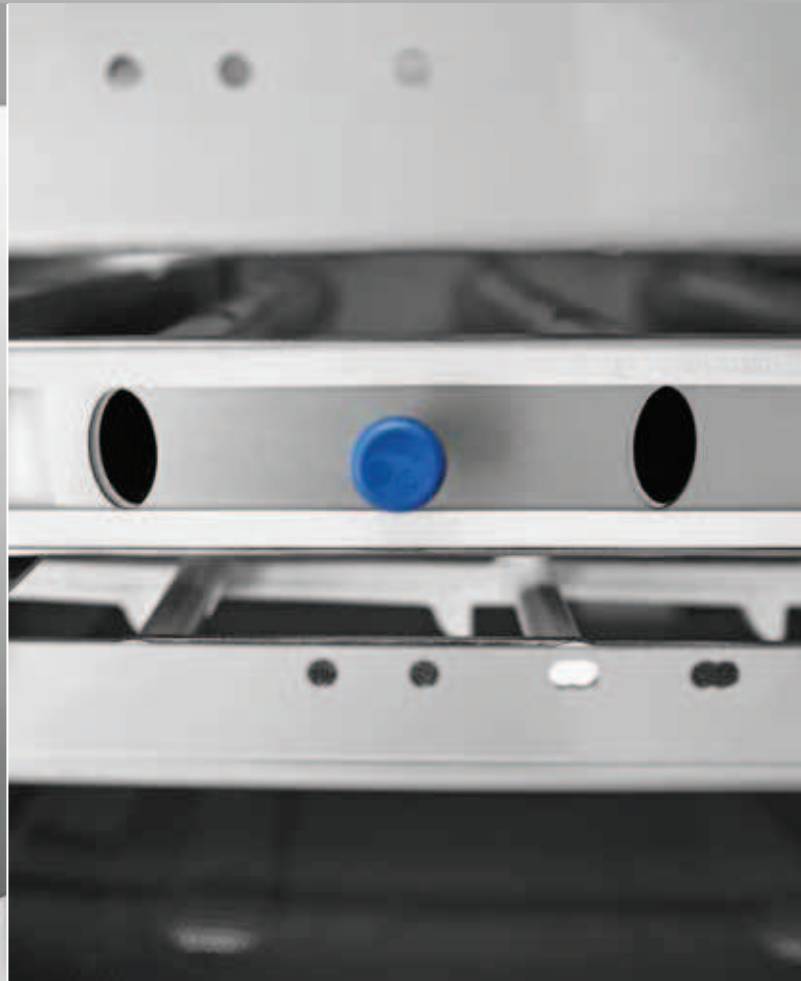
TRIED-AND-TRUSTED MATERIALS

The container washer comes in stainless steel, ensuring long life and reliable operation.

INTELLIGENT DESIGN

Decades of experience in designing container washers mean that all of the components match one another. This intelligent design ensures extremely high levels of reliability.

HOBART



RELIABILITY & FLEXIBILITY

PROTRONIC XL CONTROL

All key functions and data are bundled in the control of the dishwasher. Thus, the control must be easy and quick to operate and allow for comfortable, self-explanatory selection of the appropriate operating options. The large, comfortable PROTRONIC XL control system is optional. On a clearly structured, coloured touch screen, the PROTRONIC XL control shows an innovative operating concept. Thanks to the simple, modern user interface, operators quickly and intuitively understand how to operate the machine. All key hygiene-related information and functions are visible on the large touch screen at a glance. Depending on their authorization level, different user groups can see different information.

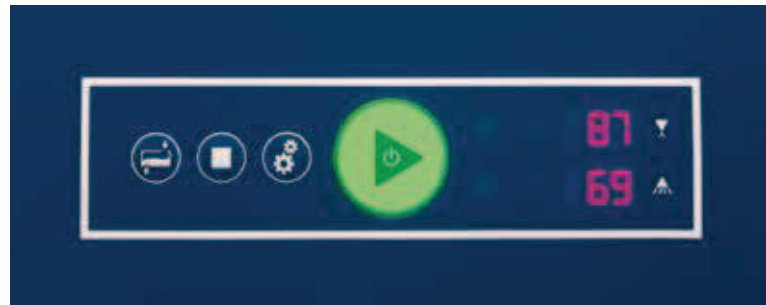
The PROTRONIC XL has some additional innovative functions which are unique in the market:

- Visualisation of temperatures and error messages for the individual zones
- Automatic keeping of the maintenance history according to DIN
- Comfortable data storage in the control
- Message management system
- Visualisation of the operating manual
- Training video can be watched directly

In handling and hygiene control, the innovate PROTRONIC XL control is much more advanced than previous controls, which greatly simplifies the operation, documentation and control of the machine.

SMARTRONIC CONTROL

In busy periods, a machine must be ready to operate quickly and reliably. The SMARTRONIC single-button operation combines the main functions in the START programme: Switch on, wash and switch off. The START programme: Switch on, wash and switch off. The START button shows, in clearly distinguishable colours, the current operating status: heat, wash, ready. Details can be accessed as required at the touch of a button. Operating errors and any related failures are virtually eliminated.



CODED WASH AND RINSE ARMS

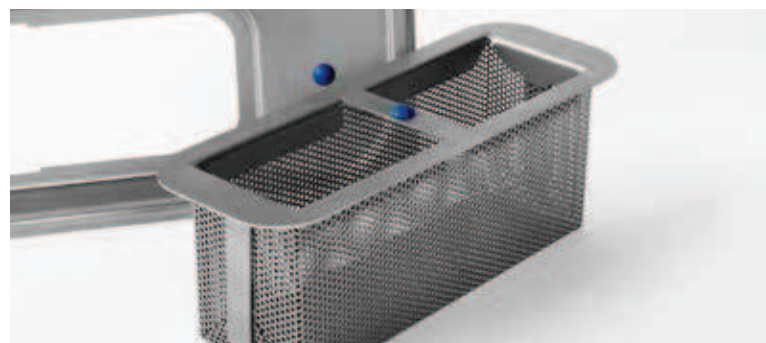
The wash and rinse arms are clearly designed to prevent risk of confusion when inserting.

CODED CURTAINS

Easy to take out and insert. The clear marking on the wash curtains prevents confusion when inserting.

CODED CLEANING ASSISTANT

Blue markings on the components in the machine help the operator to identify the components which require cleaning.



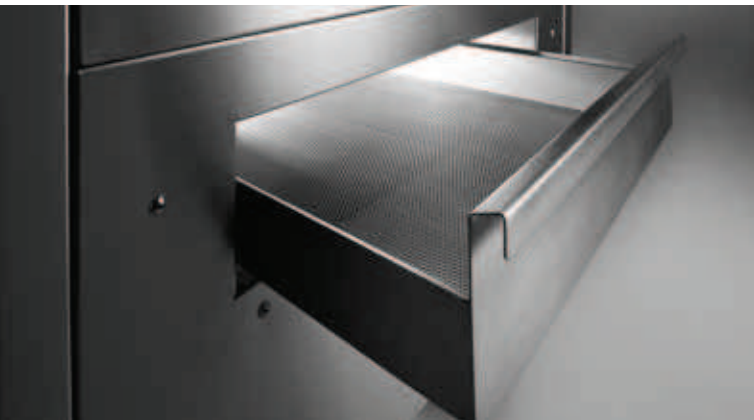
PERMANENT-CLEAN AUTOMATIC SOIL REMOVAL

PERMANENT-CLEAN AUTOMATIC SOIL REMOVAL

- Prevents soil transfer through the machine
- Actively removes soiling within the zone
- Maintains high-level wash water quality
- Reduction in water, energy, and detergent consumption
- Reduces refilling during operation
- Convenient removal of soiling at the end of the dishwashing shift

In busy kitchens, large amounts of dirt collecting in the pre-wash section of the dishwasher can normally not be prevented. This increases wash water soiling and more frequent tank water changes. Apart from that, this also has detrimental effect on waste water and degreasing. The PERMANENT-CLEAN system automatically actively removes coarse soiling from the appliance in the pre-wash phase using a well-designed and effective filter system. The coarse soiling in this zone is permanently filtered out and pumped into a filter drawer of the machine to keep pre-wash results clean at all times. Food residues can then

be conveniently removed from the drawer at the end of the dishwashing shift. This eliminates the time-consuming chore of emptying the filter basket, interrupting operation. The PERMANENT-CLEAN automatic soil removal removes dirt particles from the cleaning process before they affect the water quality, ensuring a permanently high quality of the wash water. As a result, you need to refill less detergent during the ongoing process and interim emptying of the wash tank can be omitted. This gives you further savings in operating costs while automatically reducing degreaser and waste water burden, and protecting the environment.



SUPPORT

AUTO-CLEAN SELF CLEANING SYSTEM

Hygiene is the key factor when handling dishes and other wash ware. For this reason, thorough cleaning of the dishwasher in regular intervals is indispensable. This mandatory task used to require a lot of time-consuming manual work. This is no longer the case with the AUTO-CLEAN self cleaning system (patented), a unique feature in world-wide dishwashing technology. This innovative feature provides for automated self-cleaning of the machine. The sophisticated arrangement of the dedicated cleaning nozzles ensures thorough cleaning of the entire machine interior. Thanks to their innovative design, it is no longer necessary to remove the wash arms for cleaning. The novel AUTO-CLEAN system significantly reduces the operators' workload. Fully automated dishwasher cleaning at the push of a button is a revolution in terms of operating ease and comfort while ensuring premium hygiene. Cleaning a flight-type dishwasher has never been that quick and easy.

HINGED ENTRY SECTION

Most of the food waste occurs in the feeding section of the machine. The upward folding entry cover ensures convenient accessibility and easy cleaning. Operators do not have to fumble with lift off panels.



EASY-TO-CLEAN DROP-IN WASH SYSTEM

Thanks to the innovative design of the wash arm, it is not necessary to unscrew the end caps. Cleaning the wash arms requires only one simple step. Fast cleaning of wash ware has never been so easy.



MOULDED DRAIN ELEMENT

Dirt is directed via beading to a central point and into the drain. This prevents dirt accumulation in the tank.

COMPLETELY MOULDED TANK

The tank sump and tank bottom are moulded from one single part. There are no corners and edges or weld seams where dirt could accumulate. This optimises cleaning and hygiene.

STRAINER DRAWER IN ENTRY SECTION

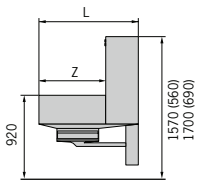
In case of very high dirt accumulation fast cleaning is possible by simply removing the drawer from the outside – without interrupting operation. Overflow is prevented by a high-sided drawer which holds a large capacity.

CONDENSER

Optimal accessibility for water spraying – by simply removing the front covering.

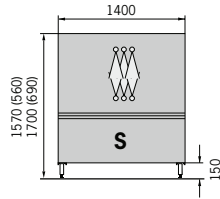
MODULE SELECTION

ENTRY SECTION

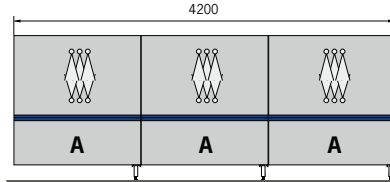
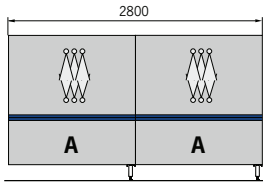
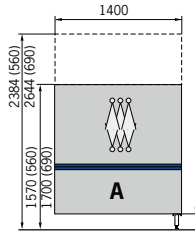


	Z	L
0	140	500 ^[1] ^[2]
1	440	800
2	740	1,100
3	1,040	1,400

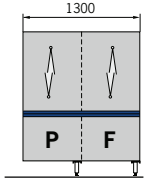
PREWASH



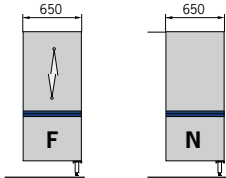
MAIN WASH



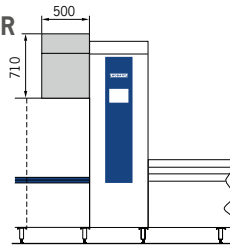
RINSES



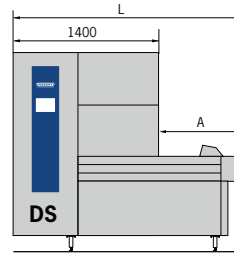
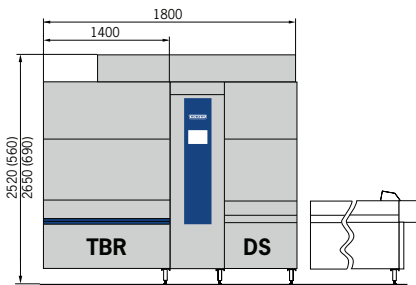
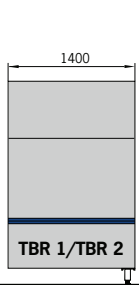
NEUTRAL ZONE



EXHAUST AIR

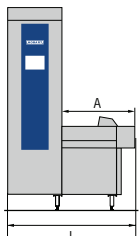


BLOW DRYING/DRYING



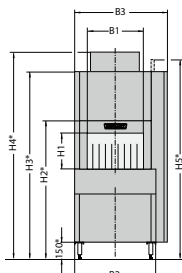
	A	L
DS3	500 ^[1]	1,900
DS4	800	2,200
DS5	1,100	2,500
DS6	1,400	2,800

WITHOUT DRYER



	A	L
0	570 ^[1]	1,170
1	700	1,300
2	1,000	1,600
3	1,300	1,900

MACHINE MASS PER LOADING WIDTH



	H1	H2	H3	H4	H5	B1	B2	B3
612	440	1,475	1,960	2,150	2,135	612	865	980
760	440	1,475	1,960	2,150	2,135	760	1,013	1,128
965	440	1,475	1,960	2,150	2,135	965	1,218	1,333

* +/- 25 mm foot adjustment

^[1] In case of a direct connection to a conveyor

^[2] Valid for A and S-A machines.

TECHNICAL DATA

LOADING WIDTH 612 MM

CONTAINER / CRATE RACK PERFOR- MANCE/H MAX.	MODEL	FRESH WATER CONSUMP- TION (l/h)	CONNECTED VALUE IN KW WITHOUT DRYING/BLOW DRYING			TOTAL LENGTH with dryer (in mm)	RESIDUAL HUMIDITY								
			KW 12°C, with CLIMATE	KW 12°C, without CLIMATE	WW 50°C		with E-standard containers			with perforated bakery crates					
						max 20 g	max 8 g	max 2 g	max 30 g	max 10 g	max 5 g				
500	FUX 2-S-A-P-F-DS-4	240	61.3	70.3	58.3	7,400									
500	FUX 3-S-A-P-F-DS-5	240	61.3	70.3	58.3	8,000									
500	FUX 4-S-A-P-F-DS-6	240	61.3	70.3	58.3	8,600									
900	FUX 2-S-A-A-P-F-DS-4	280	87.5	99.5	84.5	8,800									
900	FUX 3-S-A-A-P-F-DS-5	280	87.5	99.5	84.5	9,400									
900	FUX 4-S-A-A-P-F-DS-6	280	87.5	99.5	84.5	10,000									
1,300	FUX 2-S-A-A-A-P-F-DS-4	300	110.7	119.7	104.7	10,200									
1,300	FUX 3-S-A-A-A-P-F-DS-5	300	110.7	119.7	104.7	10,800									
1,300	FUX 4-S-A-A-A-P-F-DS-6	300	110.7	119.7	104.7	11,400									
							on request					on request			

LOADING WIDTH 760 MM

CONTAINER / CRATE RACK PERFOR- MANCE/H MAX.	MODEL	FRESH WATER CONSUMP- TION (l/h)	CONNECTED VALUE IN KW WITHOUT DRYING/BLOW DRYING			TOTAL LENGTH with dryer (in mm)	RESIDUAL HUMIDITY								
			with C32	without C32 KW 12°C	without C32 WW 50°C		with E-standard containers			with perforated bakery crates					
						max 20 g	max 8 g	max 2 g	max 30 g	max 10 g	max 5 g				
500	FUX 2-S-A-P-F-DS-4	320	71.8	86.8	68.8	7,400									
500	FUX 3-S-A-P-F-DS-5	320	71.8	86.8	68.8	8,000									
500	FUX 4-S-A-P-F-DS-6	320	71.8	86.8	68.8	8,600									
900	FUX 2-S-A-A-P-F-DS-4	410	98.0	119.0	95.0	8,800									
900	FUX 3-S-A-A-P-F-DS-5	410	98.0	119.0	95.0	9,400									
900	FUX 4-S-A-A-P-F-DS-6	410	98.0	119.0	95.0	10,000									
1,300	FUX 2-S-A-A-A-P-F-DS-4	470	121.2	139.2	115.2	10,200									
1,300	FUX 3-S-A-A-A-P-F-DS-5	470	121.2	139.2	115.2	10,800									
1,300	FUX 4-S-A-A-A-P-F-DS-6	470	121.2	139.2	115.2	11,400									
							on request					on request			

LOADING WIDTH 965 MM

CONTAINER / CRATE RACK PERFOR- MANCE/H MAX.	MODEL	FRESH WATER CONSUMP- TION (l/h)	CONNECTED VALUE IN KW WITHOUT DRYING/BLOW DRYING			TOTAL LENGTH with dryer (in mm)	RESIDUAL HUMIDITY								
			with C38	without C38 KW 12°C	without C38 WW 50°C		with E-standard containers			with perforated bakery crates					
						max 20 g	max 8 g	max 2 g	max 30 g	max 10 g	max 5 g				
650	FUX 2-S-A-P-F-DS-4	440	83.8	101.8	77.8	7,400									
650	FUX 3-S-A-P-F-DS-5	440	83.8	101.8	77.8	8,000									
650	FUX 4-S-A-P-F-DS-6	440	83.8	101.8	77.8	8,600									
1,180	FUX 2-S-A-A-P-F-DS-4	500	111.8	135.8	105.8	8,800									
1,180	FUX 3-S-A-A-P-F-DS-5	500	111.8	135.8	105.8	9,400									
1,180	FUX 4-S-A-A-P-F-DS-6	500	111.8	135.8	105.8	10,000									
1,680	FUX 2-S-A-A-A-P-F-DS-4	560	139.8	157.8	130.8	10,200									
1,680	FUX 3-S-A-A-A-P-F-DS-5	560	139.8	157.8	130.8	10,800									
1,680	FUX 4-S-A-A-A-P-F-DS-6	560	139.8	157.8	130.8	11,400									
							on request					on request			



THE COMPANY

HOBART is the world market leader in commercial warewashing technology and renowned manufacturer of cooking, food preparation, refrigeration, and environmental technology. Established 1897 in Troy, Ohio, HOBART today employs more than 6,900 employees around the world. At our manufacturing plant in Offenburg, Germany, HOBART develops, produces, and distributes warewashing technology worldwide. Internationally, gastronomy hotels canteens, bakeries and butcher shops, supermarkets, airlines and cruise ships swear by our innovative products, which are considered to be economical and ecological market leaders.



WHENEVER THE FIRST
MACHINE WILL BE CAPABLE OF
WASHING WITHOUT WATER –
IT WILL BE A HOBART.

We provide this promise of quality to our customers,
and it represents our personal standard upheld
by all our staff at HOBART.

OUR VISION - WASH WITHOUT WATER

Intensive market research has shown, that our customers expect warewashing technology that combines efficiency with optimal performance. We hold ourselves to these claims, and they form the foundation for our vision of „washing without water“. This vision is our continuous incentive to walk on new paths in order to constantly reduce the water, energy and chemical consumption. Step by step, we would like to come closer to our goal with innovative excellence, and we already know: Whenever the first machine will be capable of washing without water – it will be a HOBART.

OUR FOCUS

INNOVATIVE - ECONOMICAL - ECOLOGICAL

This is our philosophy. To us, innovation means continuously setting new standards in technology, combined with real added value for the customer. An enterpriseowned technological centre and an innovation centre for warewashing technology at our headquarters in Germany make this possible. Highly efficient products are created with bundled innovation, which continuously confirm our status as technological leader. To be economical means to set standards in relation to the lowest operating costs and minimal use of resources, and to revolutionise the market continuously. To be ecological means a responsible handling of resources and a sustainable energy policy. This applies not only to the product in use, but in general to all areas of the organisation, such as purchasing or manufacturing.



2

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Die Angaben in diesem Prospekt beruhen auf dem Stand 06/2015. Technische Änderungen oder Änderungen der Ausführung bleiben vorbehalten.

The details given in this brochure are correct as of 06/2015. We reserve the right to technical or design modifications.

Document non contractuel. Les indications de ce prospectus sont conformes à la mise à jour de 06/2015. Nous nous réservons le droit de modifier les données ou les configurations techniques de nos machines.





WAREWASHING
RACK-TYPE DISHWASHER

CP | CN





BETTER OR BEST – IT'S YOUR CHOICE!



PROFI-LINE

The **PROFI**-line – everything a professional operator needs. The successful product series from HOBART can be found working wherever the highest standards of cleanliness are required. It combines an efficient rinsing technique with ultimate user-friendliness and low operating costs. Numerous equipment options make **PROFI**-line a perfectly suited warewashing solution to suit any operation.

PREMAX-LINE

The **PREMAX**-line are the perfect models for operators that need a higher level of proficiency. Because **PREMAX** sets standards in all areas: minimal operating costs and impressive user-friendliness, combined with maximum performance. The **PREMAX**-line is the most economical and innovative line of dishwashers on the market. In addition to the features of **PROFI** models, **PREMAX** wins over users with its unique product characteristics and is the ideal partner for the highest standards in a perfect warewashing operation.

PREMAX-LINE EXCLUSIVE

The most exclusive **PREMAX** features are labeled with this writing and a gold background.

UNIQUE INNOVATIVE PRODUCT FEATURES FOR MAXIMUM ECONOMY

HOBART products have long been at the pinnacle of technological innovation in modern dishwashing technology. Alongside guaranteed hygienic wash results, HOBART also offers you operational reliability combined with minimum consumption. These high quality machines also boast a number of groundbreaking features – only from HOBART.



- The machine thinks – you save. The SENSOTRONIC washing intelligence identifies such things as empty racks or mixed wash ware and automatically adjusts the wash parameters and consumption accordingly.
- The highly efficient heat recovery systems set new standards in terms of economy and ecology.
- The water quality in the machine remains permanently high thanks to the efficient PERMANENT-CLEAN automatic soil removal.

NEW APPROACHES

Innovative concepts often lead to new solutions that go beyond existing standards and regulations. Independent reports prove the point: **PREMAX** exceeds the requirements for hygienic wash results laid down in DIN 10534 – at greatly reduced operating costs.

„From the hygienic point of view the results show that with a modified temperature profile safe disinfection is achieved according to the regulation of the former German Public Health Department for the inspection of thermal disinfection. This regulation was one of the fundamentals for the formulation of DIN 10534.“

PD Dr. med. M. Dettenkofer, Prof. Dr. med. F. Daschner
University Clinic Freiburg

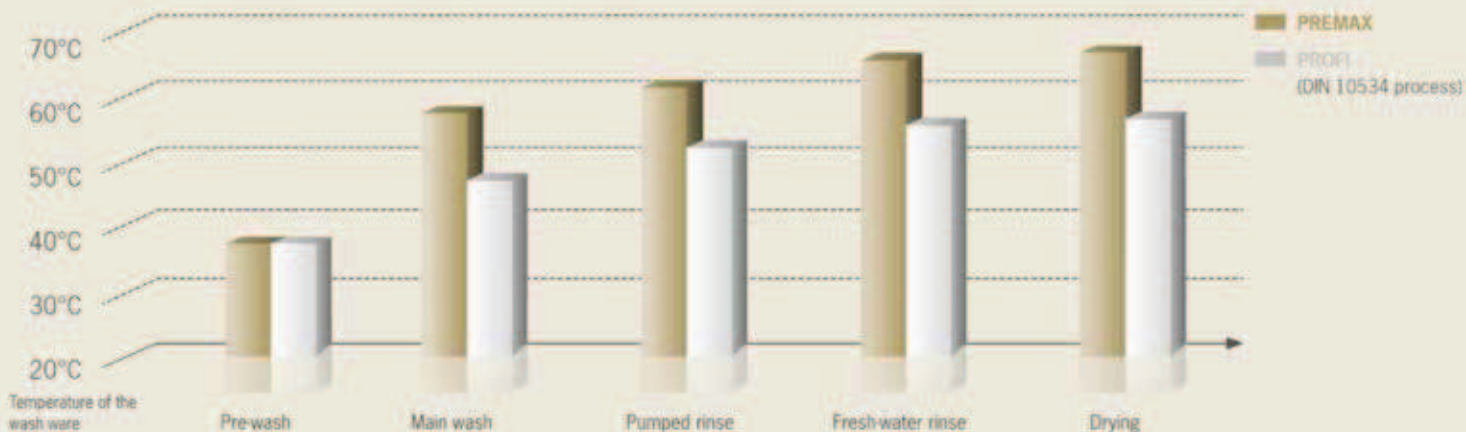


YOUR BENEFITS COMPARED TO CONVENTIONAL TECHNOLOGY.

- Up to 60 % less water consumption
- Up to 80 % less detergent
- Up to 30 % less energy
- Up to 6,000,- Euros less in operating costs per year

WASH WARE TEMPERATURE IN OUR MACHINES

The hotter the wash ware, the more hygienic the wash results.



HOBART

HOBART



HIGH LEVEL OF ECONOMY

50PERCENT FRESH WATER RINSE

The task of the fresh-water rinse is to remove detergent from the wash items. The distribution of the fresh water is decisive for the water volume used. The patented 50PERCENT fresh water rinse of the **PREMAX**-line has special precision nozzles, which disperse the rinse water like a curtain to form a thin film of water on the wash items. As a result of the optimised water distribution this micro-thin film is sufficient to rinse off the soiled wash water from the wash ware. In addition to the conventional rinsing from above and below the 50PERCENT fresh water rinse rinses the wash ware also laterally. The optimised arrangement of the nozzles achieve a precise spraying of the wash ware. The 50PERCENT fresh water rinse reduces water consumption by up to 60 %, resulting in less rinse aid use and greater energy savings.

TOP-TEMP ENERGY MANAGEMENT

A conventional flight-type dishwasher loses about 80 % of the energy available in the machine by sensitive and latent heat emission. This is primarily due to rinsing with heated fresh water, and to the air and temperature compensation between the machine zones. The consequences are a relatively high energy consumption and a heavy contamination of the work space with steam. The patented Energy Management supplied as a standard prevents losses before they occur. In this system, the hot machine zones are enclosed by the cooler zones such as pre-wash and drying. The resulting temperature curtain ensures that air exchange can only take place within the machine. Energy management reduces the loss of energy by up to 20 %.

PREMAX-LINE EXCLUSIVE





HIGH LEVEL OF ECONOMY

LOW-CHEM DETERGENT SAVING SYSTEM

Detergent is added directly to the wash tank. The wash water is permanently regenerated by fresh water supplied from rinsing. Therefore, detergent is added to maintain the concentration according to the added regeneration volume. With the **PREMAX**-line, the patented detergent saving system adds 75 l of fresh water (**PROFI**: 105 l) to the wash tank for wash water regeneration. Ahead of the final rinse, detergent is flushed off the wash ware by the pre-rinse nozzle and diverted back into the wash tank. The dosing of detergent depends on the regeneration water volume. As a result, detergent consumption of the **PREMAX** models is reduced by up to 80 % compared to conventional systems (**PROFI**: 70 %).

CLIMATE ENERGY SAVING SYSTEM

The machine uses energy to ensure a stable temperature balance within a dishwasher, which is a precondition for achieving constantly good, hygienic dish washing results. This energy should be used as efficiently as possible, and losses through the exhaust air should be reduced to a minimum. **CLIMATE**, the innovative energy saving system, prevents loss of energy and significantly reduces the operating costs for the machine. The energy in the hot exhaust air is continuously returned to the machine. In this way, savings of up to 10 kWh are possible. The innovative **CLIMATE** energy saving system improves economic efficiency and ecology, meeting the requirements of our customers.

CLIMATE-PRO ENERGY SAVING SYSTEM

Only the most innovative energy systems meet the highest demands for cost effectiveness and energy efficiency. HOBART's **CLIMATE-PRO** energy saving system is fully up to these expectations. The thermal energy contained in the exhaust air is 100% regenerated and returned to the rinse process. In compliance with VDI 2052, the room climate is improved at the same time thanks to constantly low exhaust air temperatures. The **CLIMATE-PRO** energy saving system not only significantly reduces the energy consumption of the machine but also the related operating costs. Savings of up to 22 kWh are possible. There is no easier way to save money.

BEST WASH RESULT

HOT-TEMP WASHING

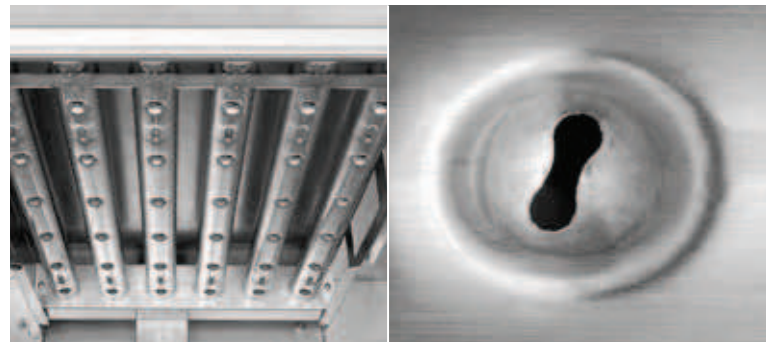
Washing is the result of the combined action of temperature, time, mechanical action and chemicals. Water temperature has the biggest influence on the wash result, much more than the wash pressure. Conventional rack-type dishwashers clean the wash ware at approx. 60 °C. The HOT-TEMP washing of the **PREMAX**-line washes at an initial temperature of approx. 67 °C. This leads to a significant increase in the efficiency of the detergent – the wash ware gets clean faster, which confirms us as leading manufacturers in the warewashing industry. The hot wash of the HOT-TEMP washing increases the capacity of the machine by up to 50 %. In turn, it means the machine also takes up less space.

TRI-RINSE

The TRI-RINSE consists of the pre-rinse nozzle, a pumped rinse and a fresh water final rinse. The pre-rinse nozzle rinses off most detergent from the wash ware before entering the rinse zone. The water is directed back into the wash tank, minimizing detergent addition into the recirculating rinse water.

CONTACT-PLUS WASH SYSTEM

The impact with wash water via the wash arms is, apart from the temperature, the main factor influencing the cleaning result. The precision of the wide angle nozzles makes it possible to reduce the distances between the wash arms. The wash arms are located very close to one another and thus achieving full cleaning performance. In connection with the 65 % wider wash jets, the new configuration of the wide angle nozzles washes the items twice per wash arm. In the **PREMAX**-line, the 11 wash arms of the patented CONTACT-PLUS wash system ensure an optimum wash result thanks to the significant increase of the active contact time.



RO-L REVERSE OSMOSIS SYSTEM

In terms of hygiene and spotlessness, our customers' expectations in the rinse process are constantly increasing. The RO-L reverse osmosis system by HOBART provides the perfect rinsing results. Continuous treatment with state-of-the-art membrane and filter technology ensures fully demineralized water - for hygienically clean wash ware without any spots. The RO-L reverse osmosis system can be comfortably set up next to the dishwasher. If a small footprint is of importance, it can also be integrated in the dishwasher. Reliably, spotless, and hygienic - RO-L reverse osmosis system, the innovative solution.

HOBART



SENSOTRONIC WASHING INTELLIGENCE

UNIQUE TO THE
WORLD MARKET

AQUA-ADAPT WATER CONSUMPTION CONTROL

Modern warewash systems have a range of speeds that you can set manually, according to the wash ware load, the level of soiling or the time you have available for dishwashing. The patent pending Water Consumption Control automatically adjusts the hourly fresh-water consumption of the **PREMAX**-line to the selected transfer speed, keeping water volumes per meter of the dishwasher at all times at an optimised level. In warewashing systems fitted with a tray-return conveyor belt the speed and fresh-water consumption are adjusted automatically. In dual-tank systems, one tank remains in standby mode until the dishwasher reaches full capacity to prevent water waste at low machine speeds.

SENSO-SPACE COMPARTMENT DETECTION

Intermittent loading of ware during the dishwashing shift means that your appliance is not running at capacity. Gaps will arise in your wash ware load; on average, they will amount to around thirty to forty percent of your washware compartments throughout the washing period, depending on how you use the appliance. The patent pending compartment detection of the **PREMAX**-line automatically detects these gaps, and immediately reduces the fresh-water supply down to the minimum necessary for a perfectly hygienic result while cutting water, power and detergent consumption.

BEST-START SYSTEM CHECK

Each time the machine is filled with fresh water, the relevant parameters for hygiene and proper washing, such as the heating system, pumps, wash arms and strainer systems, are automatically checked for correct positioning and operation. Furthermore, the BEST-START system check permanently monitors the functionality of each wash pump by means of the innovative pump check. The result of the system check of the **PREMAX**-line (patent pending) is clearly displayed on the colour touch screen of the control system. If there are deviations from the nominal status, the machine operator is informed by means of clear symbols and plain text explanations. The intelligent system also suggests measures to be taken to rectify the situation.

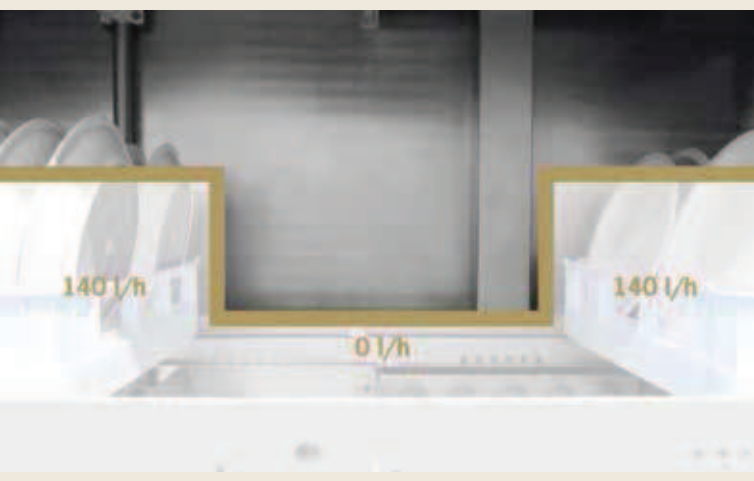
WASH WARE DETECTION

In most cases, glass and cutlery racks are also washed in a flight-type or rack-type dishwasher. is an optional wash ware detection system that adjusts the wash process of the **PREMAX**-line to the high demands of glassware and cutlery washing. Coded glass racks are automatically detected in the machine, and the wash parameters are configured to match the new requirements. Wash Ware Detection ensures an optimised wash result – at all times.

SENSO-ACTIVE RESOURCE MANAGEMENT

The wash result is largely dependent on how heavily your wash ware is soiled, and how much soil enters the appliance; widespread soiling affects not only wash performance, but also rinse results, so modern filtering and screening systems are vital. The SENSO-ACTIVE resource management system takes it a step further in innovative washing, keeping fresh-water consumption down to a necessary minimum. The smart soiling sensor detects any increased soiling in the appliance and automatically increases the amount of fresh water supplied to the system, fully automatically ensuring high tank water quality while keeping average water consumption extremely low.

PREMAX-LINE EXCLUSIVE



HOBART



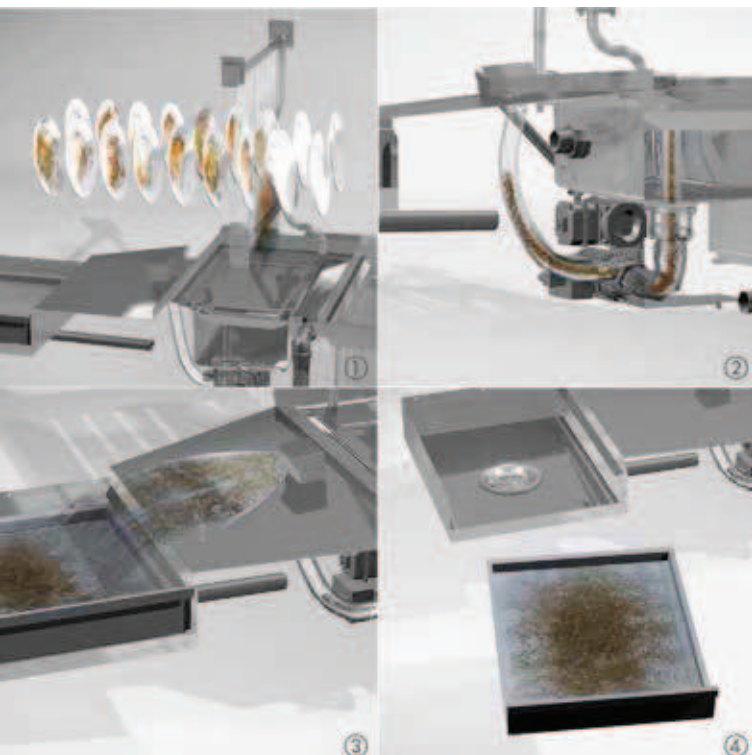
PERMANENT-CLEAN AUTOMATIC SOIL REMOVAL

PERMANENT-CLEAN AUTOMATIC SOIL REMOVAL

- Prevents soil transfer through the machine
- Actively removes soiling within the zone
- Maintains high-level wash water quality
- Reduction in water, energy, and detergent consumption
- Reduces refilling during operation
- Convenient removal of soiling at the end of the dishwashing shift

In busy kitchens, large amounts of dirt collecting in the pre-wash section of the dishwasher can normally not be prevented. This increases wash water soiling and more frequent tank water changes. Apart from that, this also has detrimental effect on waste water and degreasing. The PERMANENT-CLEAN system automatically actively removes coarse soiling from the appliance in the pre-wash phase using a well-designed and effective filter system.

The coarse soiling in this zone is permanently filtered out and pumped into a filter drawer of the machine to keep pre-wash results clean at all times. Food residues can then be conveniently removed from the drawer at the end of the dishwashing shift. This eliminates the time-consuming chore of emptying the filter basket, interrupting operation. The PERMANENT-CLEAN automatic soil removal removes dirt particles from the cleaning process before they affect the water quality, ensuring a permanently high quality of the wash water. As a result, you need to refill less detergent during the ongoing process and interim emptying of the wash tank can be omitted. This gives you further savings in operating costs while automatically reducing degreaser and waste water burden, and protecting the environment.



Phase ①:

Coarse soiling is removed from the wash ware early, in the pre-wash zone.

Phase ② :

The coarse soiling washed off is automatically and cyclically removed from the pre-wash zone.

Phase ③:

The process water available washes the coarse soiling into the filter drawer in the appliance intake.

Phase ④:

Convenient removal of the accumulated soiling residues at the end of the dishwashing shift.

DRYING RESULT

PUMPED RINSE

The temperature is an important factor for the drying of the wash ware. In conventional dishwashers the highest temperature is in the fresh-water rinse. For heating up the wash ware, there is only the volume of the fresh-water consumption available. In the patented pumped rinse of the **PREMAX**-line the hot water is circulated several times and increases the temperature input on the wash ware. The better heating up of the wash items supports the selfdrying effect. It optimises drying results and reduces the energy required for drying.



COMFORT

PROTRONIC CONTROL

The PROTRONIC Control is standard equipment on the **PREMAX**-line and an optional extra for the **PROFI**-line. The innovative, multi-line text and symbol display is operated via a touch screen. This makes it easy to use and minimises operating errors.

Functions such as

- Switching the machine on and off
- Switching the transport on and off
- Menu selection
- Status
- Speed

can be selected directly on the control panel.

Operating status such as

- Filling/Emptying
- Pre-wash and wash tank processes
- Autostart activated
- Doors open
- Active zones

are also clearly displayed on the touch screen.

Hygiene-related parameters are also monitored constantly on the machine. Various levels of information are available, for which staff can be allocated access rights as required.



SUPPORT

SMARTRONIC CONTROL

In busy periods, a machine must be ready to operate quickly and reliably. The SMARTRONIC single-button operation combines the main functions in the START programme: Switch on, wash and switch off. The START button shows, in clearly distinguishable colours, the current operating status: heat, wash, ready. Details can be accessed as required at the touch of a button. Operating errors and any related failures are virtually eliminated.



CODED WASH AND RINSE ARMS

The wash and rinse arms are clearly designed to prevent risk of confusion when inserting.

CODED CURTAINS

Easy to take out and insert. The clear marking on the wash curtains prevents confusion when inserting.

CLEANING ASSISTANCE

Additional cleaning nozzles in the wash system continuously clean the back of the door and wash system as well as the machine cover during operation. This minimises soiling residues on the inside of the appliance, reducing the effort needed to clean the appliance manually at the end of the dishwashing shift.

DROP-IN WASH SYSTEM

Simple removal and secure insertion of the wash system on drawer runners as well as easy opening and closing of the wash arm through a bayonet wash arm fitting.



MOULDED DRAIN ELEMENT

Dirt is directed via beading to a central point and into the drain. This prevents dirt accumulation in the tank.

COMPLETELY MOULDED TANK

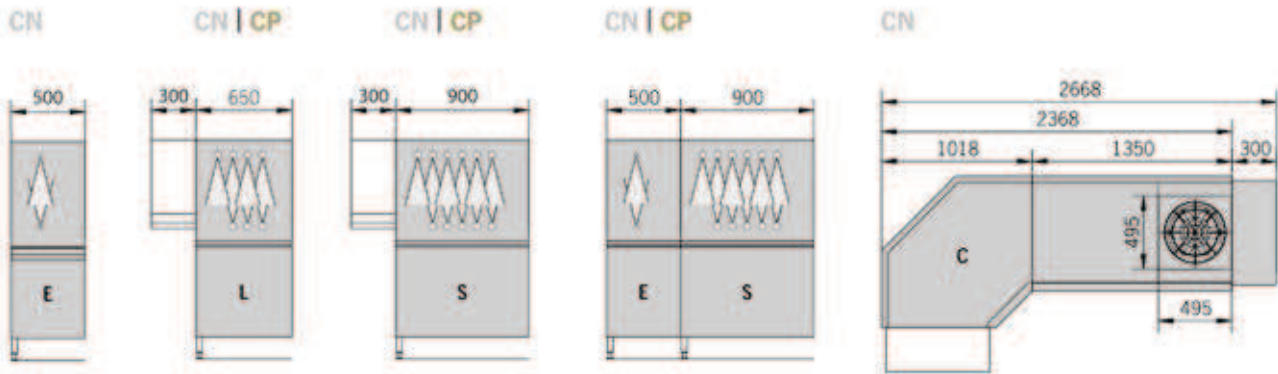
The tank sump and tank bottom are moulded from one single part. There are no corners and edges or weld seams where dirt could accumulate. This optimises cleaning and hygiene.

CONDENSER

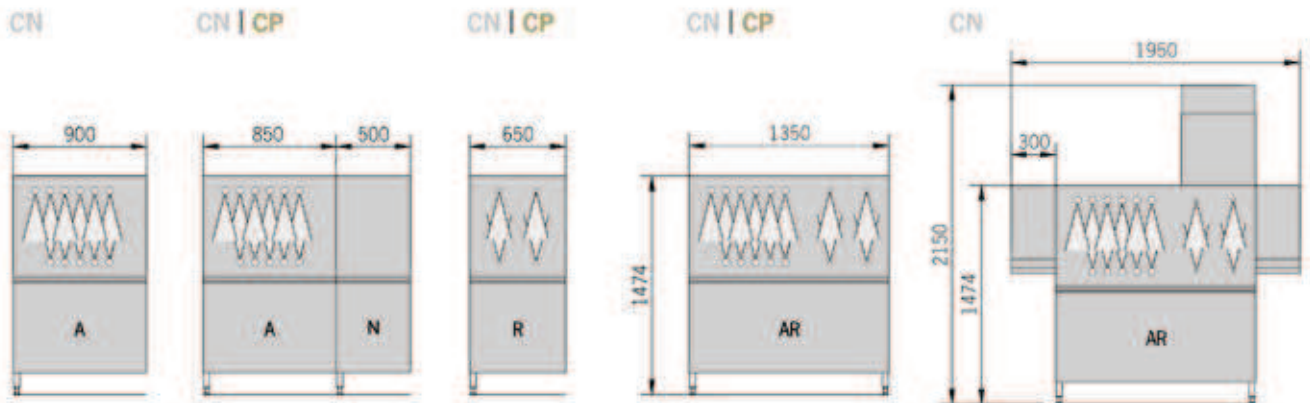
Optimal accessibility for water spraying – by simply removing the front covering.

MODULE SELECTION

PRE-WASH ZONES



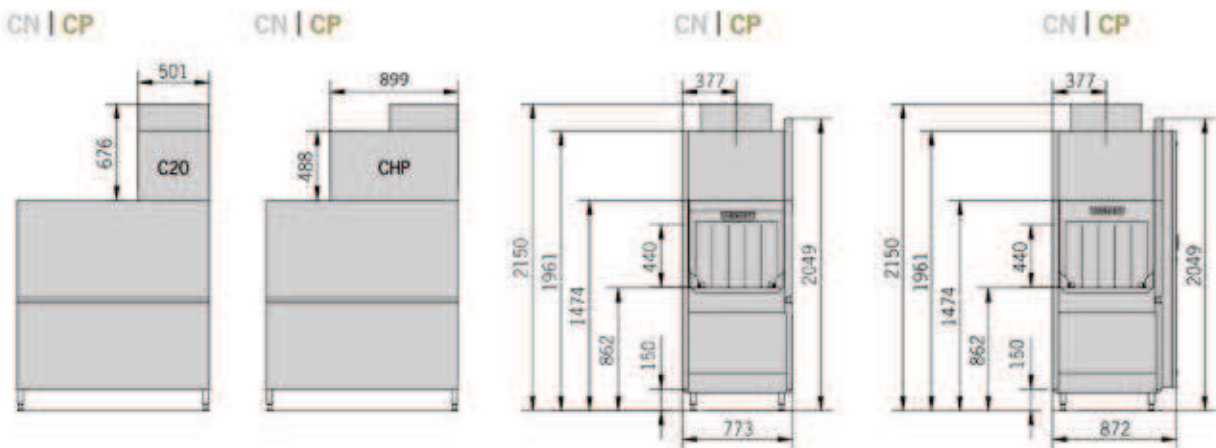
MAIN WASH ZONE/RINSE ZONE



DRYING ZONE



HEAT RECOVERY/HEAT PUMP



Loading width: 510 mm
Loading height: 440 mm



FEATURES

	PROFI-LINE	PREMAX-LINE
MODEL	CN	CP
HIGH LEVEL OF ECONOMY		
50PERCENT fresh water rinse	–	● PREMAX-LINE EXKLUSIVE
TOP-TEMP energy management	–	● PREMAX-LINE EXKLUSIVE
LOW-CHEM detergent saving system	●	●
CLIMATE energy saving system	○	●
CLIMATE-PRO energy saving system	○	○
BEST WASH RESULT		
HOT-TEMP washing	–	● PREMAX-LINE EXKLUSIVE
TRI-RINSE	●	●
CONTACT-PLUS wash system	●	●
RO-L reverse osmosis system	○	○
SENSOTRONIC WASHING INTELLIGENCE		
AQUA-ADAPT water consumption control	–	● PREMAX-LINE EXKLUSIVE
SENSO-SPACE compartment detection	–	● PREMAX-LINE EXKLUSIVE
BEST-START system check	–	● PREMAX-LINE EXKLUSIVE
Wash ware detection	–	○ PREMAX-LINE EXKLUSIVE
SENSO-ACTIVE resource management	–	● PREMAX-LINE EXKLUSIVE
PERMANENT-CLEAN AUTOMATIC SOIL REMOVAL	○	●
DRYING RESULT		
Pumped rinse	–	● PREMAX-LINE EXKLUSIVE
COMFORT		
PROTRONIC control	○	●
SMARTRONIC control	●	–
Drop-In wash system	●	●
Coded wash and rinse arms	●	●
Coded curtains	●	●
SUPPORT		
Cleaning assistance	●	●
Moulded drain element	●	●
Completely moulded tank	●	●
Condenser	●	●

● Inklusive ○ Optional – Not available

TECHNICAL DATA

PROFI-LINE

RACKS
in number/h

all speeds: hygienic wash
resultbased on DIN 10534

RACKS			CONVEYOR SPEED	WATER CONSUMPTION ^[1]			ENERGY CONSUMPTION in kWh ^[2]		RECOMMENDED MODEL SELECTION	TOTAL LENGTH
speed 1	speed 2	speed 3		in l/h	in l/rack ^[3]	with CLIMATE energy saving system	with CLIMATE-PRO energy saving system ^[4]			
-	80	120	0.67	170	1.4	25.1 (27.8)	17.4 (21.0)	CN-A	1,350	
-	100	150	0.83	170	1.1	24.6 (27.9)	16.0 (21.2)	CN-E-A	1,850	
-	120	180	1.00	180	1.0	28.1 (29.2)	18.5 (22.5)	CN-L-A	2,000	
-	120	180	1.00	180	1.0	28.1 (29.2)	18.5 (22.5)	CN-C-A	2,375	
-	150	220	1.25	180	0.8	29.6 (30.0)	20.0 (23.2)	CN-S-A	2,250	
120	180	250	1.50	180	0.7	29.6 (31.9)	20.5 (25.1)	CN-E-S-A	2,750	
120	190	280	1.58	210	0.7	38.9 (43.1)	29.4 (33.3)	CN-S-A-A	3,150	

PREMAX-LINE

RACKS
in number/h

all speeds: hygienic wash
resultbased on DIN 10534

RACKS			CONVEYOR SPEED	WATER CONSUMPTION ^[1]			ENERGY CONSUMPTION in kWh ^[2]		RECOMMENDED MODEL SELECTION	TOTAL LENGTH
speed 1	speed 2	speed 3		in l/h	in l/rack ^[3]	with CLIMATE energy saving system	with CLIMATE-PRO energy saving system ^[4]			
120	180	240	1.50	140	0.6	30.5 (32.3)	22.0 (25.5)	CP-L-A	2,850	
120	190	300	1.58	140	0.5	31.4 (33.0)	21.9 (26.2)	CP-S-A	3,100	
120	200	320	1.67	140	0.4	32.2 (33.0)	22.7 (26.2)	CP-E-S-A	3,600	

^[1] Fresh-water consumption values under optimised conditions and in **PREMAX** models using the SENSOTRONIC system (different customer-specific values are possible).

^[2] Energy consumption figures in a fully loaded machine

^[3] Ideal values

^[4] Machines with heat pump contain up to 4.7 kg (6.1 t CO₂-equivalent) of the refrigerant R134a (GWP 1430)



HOBART



PREMAX

INNOVATIVE



HOBART

ECONOMICAL



HOBART

ECOLOGICAL

THE COMPANY

HOBART is the world market leader in commercial warewashing technology and renowned manufacturer of cooking, food preparation and waste treatment. Established 1897 in Troy, Ohio, HOBART today employs more than 6,900 employees around the world. At our manufacturing plant in Offenburg, Germany, HOBART develops, produces, and distributes warewashing technology worldwide. All over the world, the hotel and catering trade, cafeterias, bakeries and butcher shops, supermarkets, airlines, cruise ships, automotive suppliers, research centres and pharmaceutical companies swear by our innovative products, which are considered to be economical and ecological market leaders.

OUR FOCUS

INNOVATIVE - ECONOMICAL - ECOLOGICAL

This is our philosophy. To us, innovation means continuously setting new standards in technology, combined with real added value for the customer. An enterpriseowned technological centre and an innovation centre for warewashing technology at our headquarters in Germany make this possible. Highly efficient products are created with bundled innovation, which continuously confirm our status as technological leader. To be economical means to set standards in relation to the lowest operating costs and minimal use of resources, and to revolutionise the market continuously. To be ecological means a responsible handling of resources and a sustainable energy policy. This applies not only to the product in use, but in general to all areas of the organisation, such as purchasing or manufacturing.

WHENEVER THE FIRST
MACHINE WILL BE CAPABLE OF
WASHING WITHOUT WATER –
IT WILL BE A HOBART.

We provide this promise of quality to our customers, and it represents our personal standard upheld by all our staff at HOBART.

OUR VISION - WASH WITHOUT WATER

Intensive market research has shown, that our customers expect warewashing technology that combines efficiency with optimal performance. We hold ourselves to these claims, and they form the foundation for our vision of „washing without water“. This vision is our continuous incentive to walk on new paths in order to constantly reduce the water, energy and chemical consumption. Step by step, we would like to come closer to our goal with innovative excellence, and we already know: Whenever the first machine will be capable of washing without water – it will be a HOBART.

HOBART COMPETENT - FAST - RELIABLE

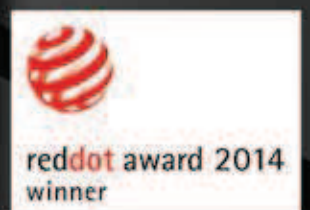
HOBART service technicians as well as HOBART service partners are the “real” experts. Thanks to intensive training and many years of experience, these technicians have a unique and profound knowledge of the product. Maintenance and repair work is therefore always carried out professionally, fast, and reliably.





WAREWASHING
FLIGHT-TYPE DISHWASHER

FTPi | FTNi





PREMAX

BETTER OR BEST – IT'S YOUR CHOICE!



PROFI-LINE

The **PROFI**-line – everything a professional operator needs. The successful product series from HOBART can be found working wherever the highest standards of cleanliness are required. It combines an efficient rinsing technique with ultimate user-friendliness and low operating costs. Numerous equipment options make **PROFI**-line a perfectly suited warewashing solution to suit any operation.

PREMAX-LINE

The **PREMAX**-line are the perfect models for operators that need a higher level of proficiency. Because **PREMAX** sets standards in all areas: minimal operating costs and impressive user-friendliness, combined with maximum performance. The **PREMAX**-line is the most economical and innovative line of dishwashers on the market. In addition to the features of **PROFI** models, **PREMAX** wins over users with its unique product characteristics and is the ideal partner for the highest standards in a perfect warewashing operation.

PREMAX-LINE EXCLUSIVE

The most exclusive **PREMAX** features are labeled with this writing and a gold background.

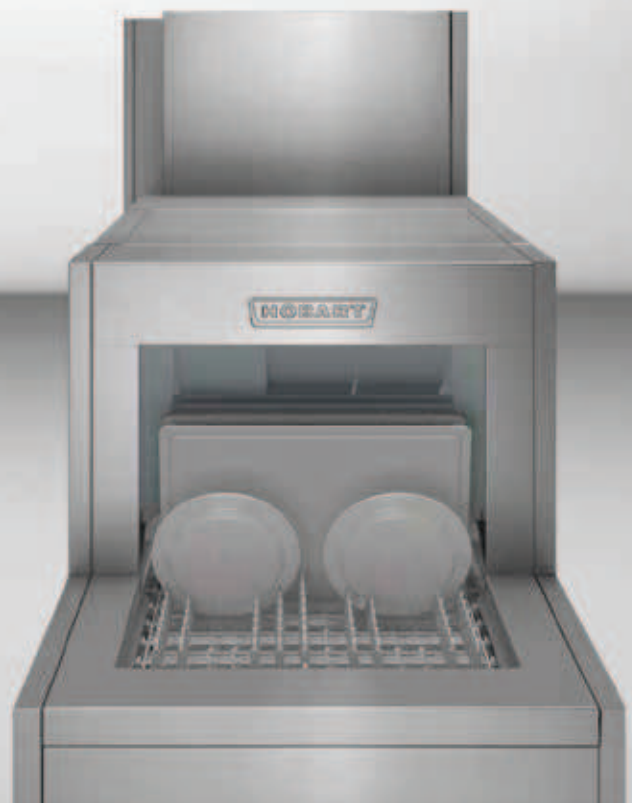
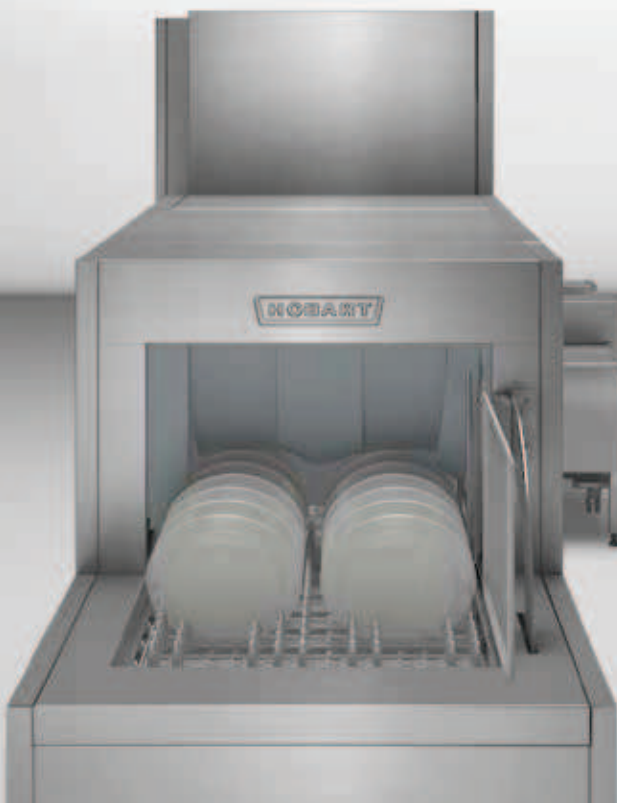
HOBART

TOP EFFICIENCY AND PERFECT ORGANISATION

TWINLINE

Flight-type dishwashers are intended for fast cleaning of large quantities of wash ware items. For these dishwashers, it is particularly important that the two factors, footprint and efficiency are well balanced. HOBART has a solution for this challenge that also meets all the specific requirements made in flight-type dishwashers in everyday practical use: twinLINE, the unique, innovative system for organising your dishwashing processes.

UNIQUE WORLDWIDE



TWINLINE

The patented twinLINE washing organisation makes it possible to wash trays on a separate conveyor while the other items are being washed in the machine. The additional feature does not increase the footprint of the machine.

This innovative solution makes dishwashing faster while significantly increasing the machine capacity. For ease and comfort of operation, the trays are automatically stacked in

the exit section of the machine. Complete your warewashing tasks up to 30 % faster and reduce your operating costs with the optional twinLINE feature. twinLINE combines cost effectiveness and efficiency in a premium quality product.



YOUR ADVANTAGES

- Up to 30 % time saved in the organisation process
- Can be used in both product lines for maximum flexibility
- Capacity increase thanks to innovative processing of wash ware



HIGH LEVEL OF ECONOMY

EFFICIENCY CONCEPT

means

- reducing operating costs
- avoiding energy losses
- reducing exhaust air volume

and eliminates the need for direct connection to a customer-provided exhaust hood!*

CLEANING MANAGEMENT

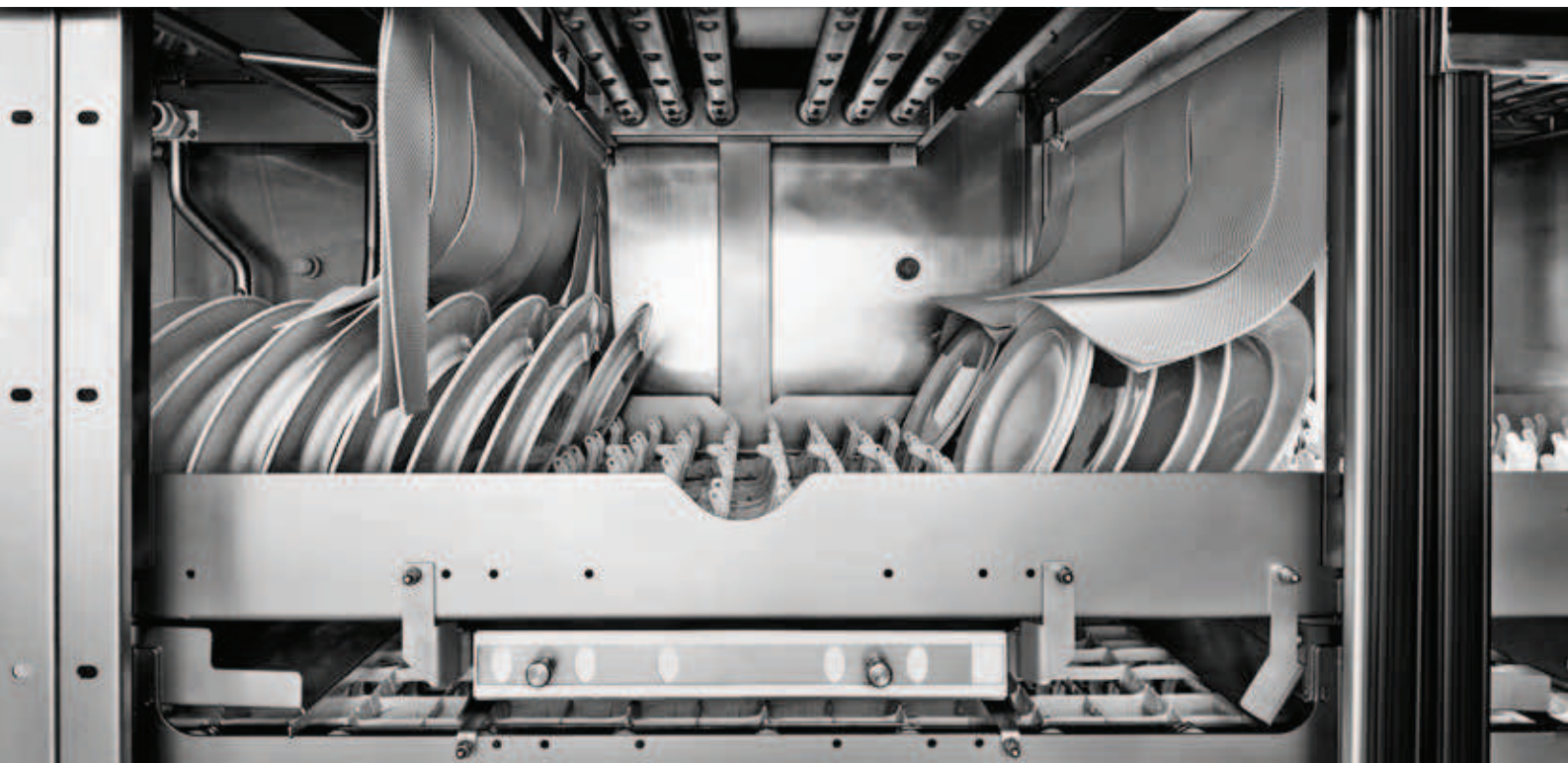
The central system of a dishwasher is the wash system. Its configuration and dimensioning have a strong impact on

- cleaning result
- energy consumption
- heat losses due to evaporation

Save operating costs with our new cleaning, exhaust air and drying management.

The way to attain good cleaning results depends on many parameters. The innovative HOBART cleaning management optimally combines the key factors such as mechanics, circulation output, water distribution, chemical agents, time, and contact area. As a result, this innovative cleaning management achieves top cleaning results while providing for

- > additional energy savings
- > reduced connected loads
- > reduced heat losses
- > improved detergent action



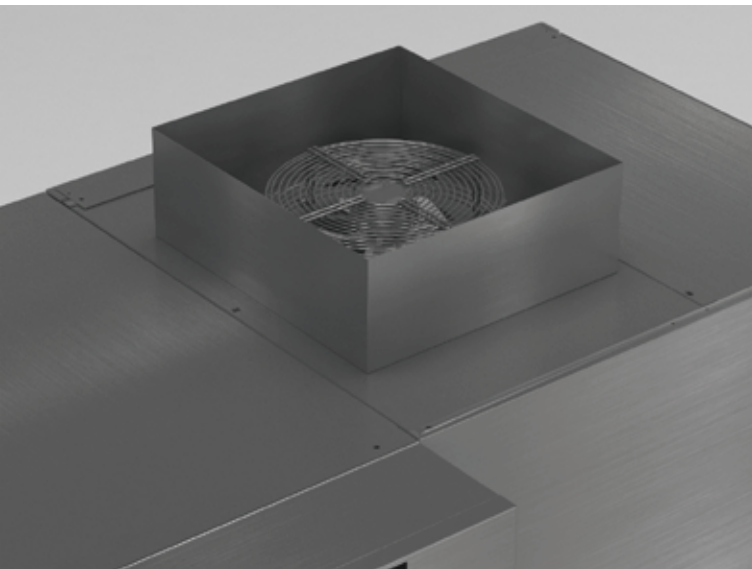
HIGH LEVEL OF ECONOMY

EFFICIENCY CONCEPT

EXHAUST AIR MANAGEMENT

The new cleaning management reduces water circulation, which directly affects the formation of vapour. Less vapour means less exhaust air.

The reduced exhaust air volume eliminates the need for direct connection to an on site ventilation system.*



* Depends on the configuration of the model.
The aeration of the room must be pursuant to VDI 2052.

DRYING MANAGEMENT

The drying zone has been optimised for direct guidance of the air flows and more efficient use of energy. No arbitrary blow-off: The drying air is used in the places where it is most effective.

This brings additional energy cost savings for the customer.



YOUR BENEFITS

- Save energy costs with the help of smart, efficiency boosting technology
- Save the extra cost of a separate exhaust hood*

HIGH LEVEL OF ECONOMY

50PERCENT FRESH WATER RINSE

The task of the fresh-water rinse is to remove detergent from the wash items. The distribution of the fresh water is decisive for the water volume used. The patented 50PERCENT fresh water rinse of the **PREMAX**-line has special precision nozzles, which disperse the rinse water like a curtain to form a thin film of water on the wash items. As a result of the optimised water distribution this micro-thin film is sufficient to rinse off the soiled wash water from the wash ware. In addition to the conventional rinsing from above and below the 50PERCENT fresh water rinse rinses the wash ware also laterally. The optimised arrangement of the nozzles achieve a precise spraying of the wash ware. The 50PERCENT fresh water rinse reduces water consumption by up to 65 %, resulting in less rinse aid use and greater energy savings.

TOP-TEMP ENERGY MANAGEMENT

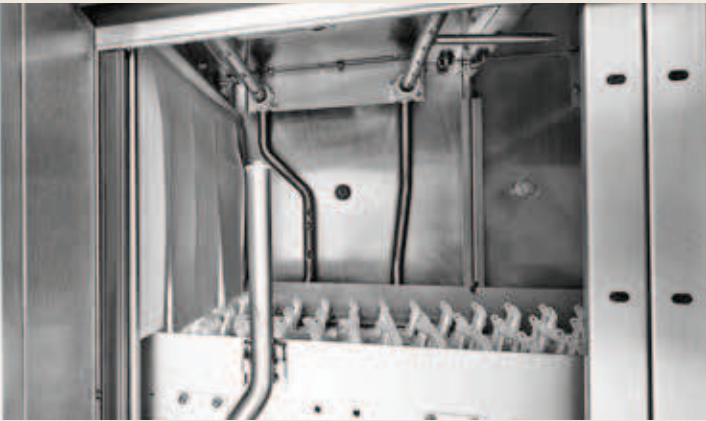
A conventional flight-type dishwasher loses about 80 % of the energy available in the machine by sensitive and latent heat emission. This is primarily due to rinsing with heated fresh water, and to the air and temperature compensation between the machine zones. The consequences are a relatively high energy consumption and a heavy contamination of the work space with steam.

The patented Energy Management supplied as a standard prevents losses before they occur. In this system, the hot machine zones are enclosed by the cooler zones such as pre-wash and drying. The resulting temperature curtain ensures that air exchange can only take place within the machine. Energy management reduces the loss of energy by up to 30 %.

LOW-CHEM DETERGENT SAVING SYSTEM

Detergent is added directly to the wash tank. The wash water is permanently regenerated by fresh water supplied from rinsing. Therefore, detergent is added to maintain the concentration according to the added regeneration volume.

With the **PREMAX**-line, the patented detergent saving system adds 75 l of fresh water (**PROFI**: 100 l) to the wash tank for wash water regeneration. Ahead of the final rinse, detergent is flushed off the wash ware by the pre-rinse nozzle and diverted back into the wash tank. The dosing of detergent depends on the regeneration water volume. As a result, detergent consumption of the **PREMAX** models is reduced by up to 80 % compared to conventional systems (**PROFI**: 70 %).



HIGH LEVEL OF ECONOMY

CLIMATE ENERGY SAVING SYSTEM

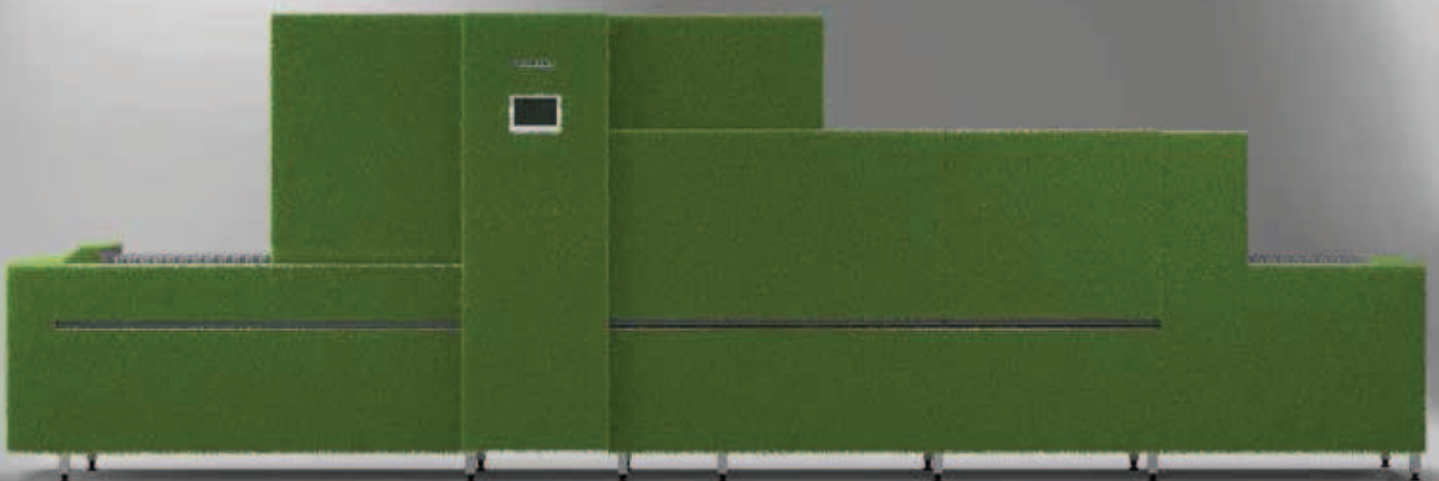
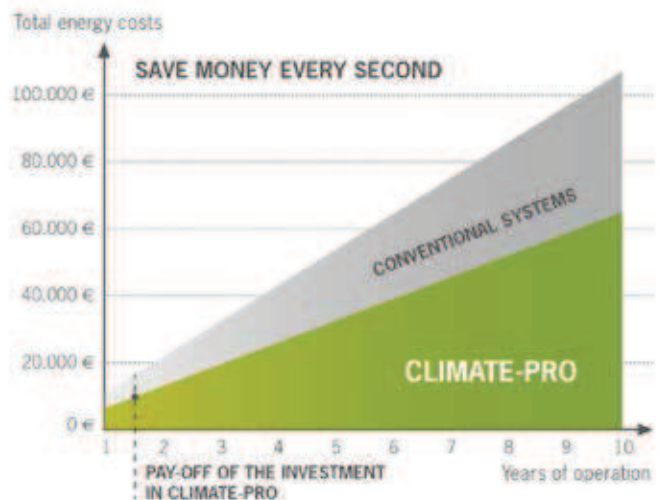
The machine uses energy to ensure a stable temperature balance within a dishwasher, which is a precondition for achieving constantly good, hygienic dish washing results. This energy should be used as efficiently as possible, and losses through the exhaust air should be reduced to a minimum. CLIMATE, the innovative energy saving system, prevents loss of energy and significantly reduces the operating costs for the machine.

The energy in the hot exhaust air is continuously returned to the machine. In this way, savings of up to 8 kWh are possible. The innovative CLIMATE energy saving system improves economic efficiency and ecology, meeting the requirements of our customers.



CLIMATE-PRO ENERGY SAVING SYSTEM

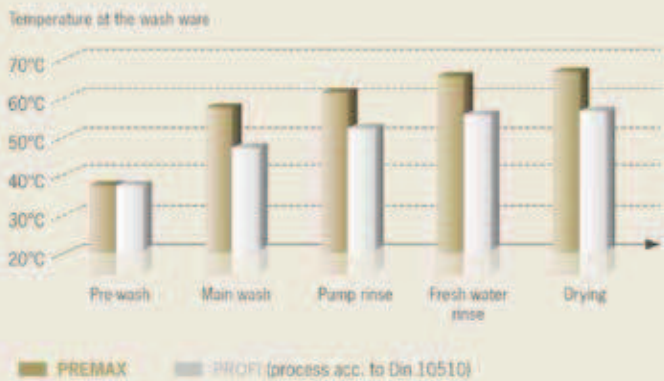
Only the most innovative energy systems meet the highest demands for cost effectiveness and energy efficiency. HOBART's CLIMATE-PRO energy saving system is fully up to these expectations. The thermal energy contained in the exhaust air is 100 % regenerated and returned to the rinse process. In compliance with VDI 2052, the room climate is improved at the same time thanks to constantly low exhaust air temperatures. The CLIMATE-PRO energy saving system not only significantly reduces the energy consumption of the machine but also the related operating costs. Savings of up to 22 kWh are possible. There is no easier way to save money.



BEST WASH RESULT

HOT-TEMP WASHING

Washing is the result of the combined action of temperature, time, mechanical action and chemicals. Water temperature has the biggest influence on the wash result, much more than the wash pressure. Conventional flight-type dishwashers clean the wash ware at approx. 60 °C. The HOT-TEMP washing of the **PREMAX**-line washes at an initial temperature of approx. 67 °C. This leads to a significant increase in the efficiency of the detergent – the wash ware gets clean faster, which confirms us as leading manufacturers in the warewashing industry. The hot wash of the HOT-TEMP washing increases the capacity of the machine by up to 40 %. In turn, it means the machine also takes up less space.



TRI-RINSE

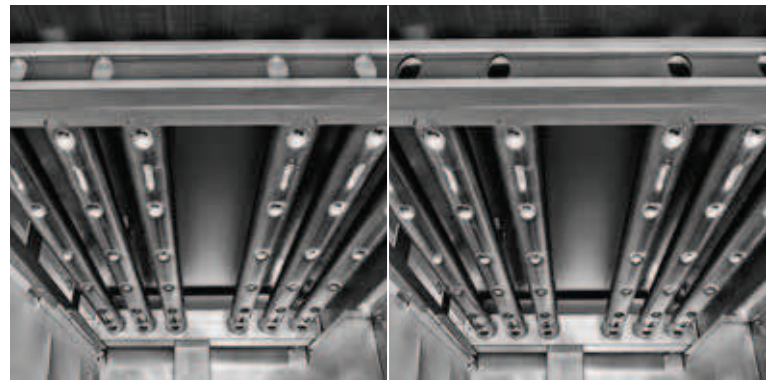
The TRI-RINSE consists of the pre-rinse nozzle, a pumped rinse and a fresh water final rinse. The pre-rinse nozzle rinses off most detergent from the wash ware before entering the rinse zone. The water is directed back into the wash tank, minimizing detergent addition into the recirculating rinse water.

DIRECT CONVEYOR BELT

How the wash ware items are positioned in the machine could influence whether or not the wash water reaches them directly. A tray can cover a plate that comes after it so that the plate is only sprayed indirectly with wash water via reflex water rebounding off other items. The patented DIRECT conveyor belt system eliminates spray shadow areas. The water reaches each wash ware item directly. The DIRECT conveyor belt optimises the washing performance even when the machine is loaded with unsorted wash ware items.

CONTACT-PLUS WASH SYSTEM

The impact with wash water via the wash arms is, apart from the temperature, the main factor influencing the cleaning result. The precision of the wide angle nozzles makes it possible to reduce the distances between the wash arms. The wash arms are located very close to one another and thus achieving full cleaning performance. In connection with the 65 % wider wash jets, the new configuration of the wide angle nozzles washes the items twice per wash arm. In the **PREMAX**-line, the 11 wash arms (**PROFi**: 9) of the patented CONTACT-PLUS wash system ensure an optimum wash result thanks to the significant increase of the active contact time.



RO-L REVERSE OSMOSIS SYSTEM

In terms of hygiene and spotlessness, our customers' expectations in the rinse process are constantly increasing. The RO-L reverse osmosis system by HOBART provides the perfect rinsing results. Continuous treatment with state-of-the-art membrane and filter technology ensures fully demineralized water - for hygienically clean wash ware without any spots.

The RO-L reverse osmosis system can be comfortably set up next to the dishwasher. If a small footprint is of importance, it can also be integrated in the dishwasher. Reliably, spotless, and hygienic - RO-L reverse osmosis system, the innovative solution.

PERMANENT-CLEAN AUTOMATIC SOIL REMOVAL

PERMANENT-CLEAN AUTOMATIC SOIL REMOVAL

- Prevents soil transfer through the machine
- Actively removes soiling within the zone
- Maintains high-level wash water quality
- Reduction in water, energy, and detergent consumption
- Reduces refilling during operation
- Convenient removal of soiling at the end of the dishwashing shift

In busy kitchens, large amounts of dirt collecting in the pre-wash section of the dishwasher can normally not be prevented. This increases wash water soiling and more frequent tank water changes. Apart from that, this also has detrimental effect on waste water and degreasing.

The PERMANENT-CLEAN system automatically actively removes coarse soiling from the appliance in the pre-wash phase using a well-designed and effective filter system. The coarse soiling in this zone is permanently filtered out and pumped into a filter drawer of the machine to keep pre-wash results clean at all times. Food residues can then be conveniently removed from the drawer at the end of the dishwashing shift. This eliminates the time-consuming chore of emptying the filter basket, interrupting operation.

The PERMANENT-CLEAN automatic soil removal removes dirt particles from the cleaning process before they affect the water quality, ensuring a permanently high quality of the wash water. As a result, you need to refill less detergent during the ongoing process and interim emptying of the wash tank can be omitted. This gives you further savings in operating costs while automatically reducing degreaser and waste water burden, and protecting the environment.



SENSOTRONIC WASHING INTELLIGENCE

UNIQUE TO THE
WORLD MARKET

BEST-START SYSTEM CHECK

Each time the machine is filled with fresh water, the relevant parameters for hygiene and proper washing, such as the heating system, pumps, wash arms and strainer systems, are automatically checked for correct positioning and operation. Furthermore, the BEST-START system check permanently monitors the functionality of each wash pump by means of the innovative pump check. The result of the system check of the **PREMAX**-line (patented) is clearly displayed on the colour touch screen of the control system. If there are deviations from the nominal status, the machine operator is informed by means of clear symbols and plain text explanations. The intelligent system also suggests measures to be taken to rectify the situation.

SHINE CUTLERY PROGRAMME

Cutlery washing is always a particular challenge in practical work. Work-intensive work steps such as separate collecting and soaking of cutlery frequently complicate a smooth rinse process. The cutlery programme available as an option has a comfortable solution to this well-known problem. Specifically developed cutlery baskets and intelligent sensors in the machine make sure that the cutlery is identified automatically. The machine then automatically adapts the wash and rinse parameters in such a way that an optimum cleaning result can be achieved. The innovative cutlery programme is the ideal solution for a smooth rinse process. State-of-the-art technology improves the rinsing results and reduces the workload by automated processes.

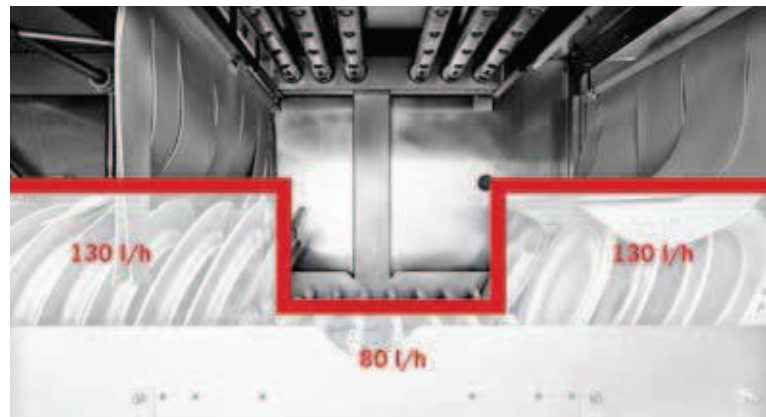


AQUA-ADAPT WATER CONSUMPTION CONTROL

Modern warewash systems have a range of speeds that you can set manually, according to the wash ware load, the level of soiling or the time you have available for dishwashing. The patent pending AQUA-ADAPT water consumption control automatically adjusts the hourly fresh-water consumption to the selected transfer speed, keeping water volumes per meter of the dishwasher at all times at an optimised level. In warewashing systems fitted with a tray-return conveyor belt the speed and fresh-water consumption are adjusted automatically. In dual-tank systems, one tank remains in standby mode until the dishwasher reaches full capacity to prevent water wastage at low machine speeds.

SENSO-SPACE COMPARTMENT DETECTION

Intermittent loading of ware during the dishwashing shift means that your appliance is not running at capacity. Gaps will arise in your wash ware load; on average, they will amount to around thirty to forty percent of your wash ware compartments throughout the washing period, depending on how you use the appliance. The patent pending SENSO-SPACE compartment detection automatically detects these gaps, and immediately reduces the fresh-water supply down to the minimum necessary for a perfectly hygienic result while cutting water, power and detergent consumption.



SENSOTRONIC WASHING INTELLIGENCE

GLASS PROGRAMME

In most cases, glasses are also washed in a flight-type or rack-type dishwasher. The optional glass rinse programme of the **PREMAX**-line perfectly adjusts the rinse process to the high demands of glass cleaning. The machine automatically detects the coded baskets. The rinse parameters immediately adapt to the requirements of the current batch.

The patented glass programme ensures optimum cleaning results every time.



SENSO-ACTIVE RESOURCE MANAGEMENT

The wash result is largely dependent on how heavily your wash ware is soiled, and how much soil enters the appliance; widespread soiling affects not only wash performance, but also rinse results, so modern filtering and screening systems are vital. The **SENSO-ACTIVE** resource management system takes it a step further in innovative washing, keeping fresh-water consumption down to a necessary minimum. The smart soiling sensor detects any increased soiling in the appliance and automatically increases the amount of fresh water supplied to the system, fully automatically ensuring high tank water quality while keeping average water consumption extremely low.

INTENSIVE² PAN WASHING PROGRAMME

In the course of wash ware cleaning, metal items such as pots, pans, and Gastronorm bowls are frequently included in the dishwasher loads. The optional and patented **INTENSIVE²** pan washing programme automatically identifies metal wash ware and automatically adjusts the wash parameters. Via special metal detectors in the entry area of the machine, the transport speed and the washing pressure are intelligently adjusted so that they perfectly match the requirements of the wash ware in the detected area, ensuring optimum cleaning results. With the **INTENSIVE²** pan washing programme, no manual changes to the machine settings are required for perfect cleaning of this type of wash ware.





DRYING RESULT

PREMAX-LINE EXCLUSIVE

PUMPED RINSE

The temperature is an important factor for the drying of the wash ware. In conventional dishwashers the highest temperature is in the fresh-water rinse. For heating up the wash ware, there is only the volume of the fresh-water consumption available. In the patented pumped rinse of the **PREMAX**-line the hot water is circulated several times and increases the temperature input on the wash ware. The better heating up of the wash items supports the selfdrying effect. It optimises drying results and reduces the energy required for drying.



3DRY DRYING SYSTEM

A conventional drying blows the warm air on the wash ware from above. The air reflects uncontrolled from below to above. The patented 3DRY drying system directs air onto the wash ware from the top and side through channels and nozzles, while specialised air blades in the drying drawer direct a powerful airflow onto your wash ware from underneath.

The 3DRY drying system guarantees perfect drying results for hollow items such as cups, bowls and glasses.



SUPPORT

AUTO-CLEAN SELF CLEANING SYSTEM

Hygiene is the key factor when handling dishes and other wash ware. For this reason, thorough cleaning of the dishwasher in regular intervals is indispensable. This mandatory task used to require a lot of time-consuming manual work. This is no longer the case with the AUTO-CLEAN self cleaning system (patented), a unique feature in world-wide dishwashing technology. This innovative feature, which is standard equipment on the **PREMAX** FTPi line and an optional extra on the **PROFI** FTNi line, provides for automated self-cleaning of the machine. The sophisticated arrangement of the dedicated cleaning nozzles ensures thorough cleaning of the machine interior. Thanks to their innovative design, it is no longer necessary to remove the wash arms for cleaning. The novel AUTO-CLEAN system significantly reduces the operators' workload and cleaning is a revolution in terms of operating ease and comfort. Cleaning a flight-type dishwasher has never been that quick and easy.

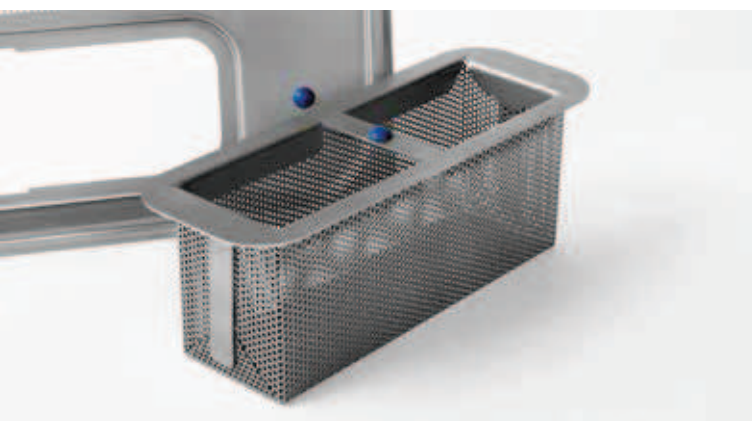


COMPLETELY MOULDED TANK

The tank sump and tank bottom are moulded from one single part. There are no corners and edges or weld seams where dirt could accumulate. This optimises cleaning and hygiene.

CODED CLEANING ASSISTANT

Blue markings on the components in the machine help the operator to identify the components which require cleaning.



HINGED ENTRY SECTION

Most of the food waste occurs in the feeding section of the machine. The upward folding entry cover ensures convenient accessibility and easy cleaning. Operators do not have to fumble with lift off panels.



MOULDED DRAIN ELEMENT

Dirt is directed via beading to a central point and into the drain. This prevents dirt accumulation in the tank.

DISTANCE BETWEEN BELT AND BODY

Easy accessibility, even in confined areas.

FILTER DRAWER IN THE ENTRY SECTION

Can be easily removed from outside for fast cleaning in case of heavy soiling – without interruption of operation. No spilling thanks to large collection volume and high sides. Can optionally be installed at the face or the front at the machine entry section.

COMFORT

PROTRONIC XL CONTROL

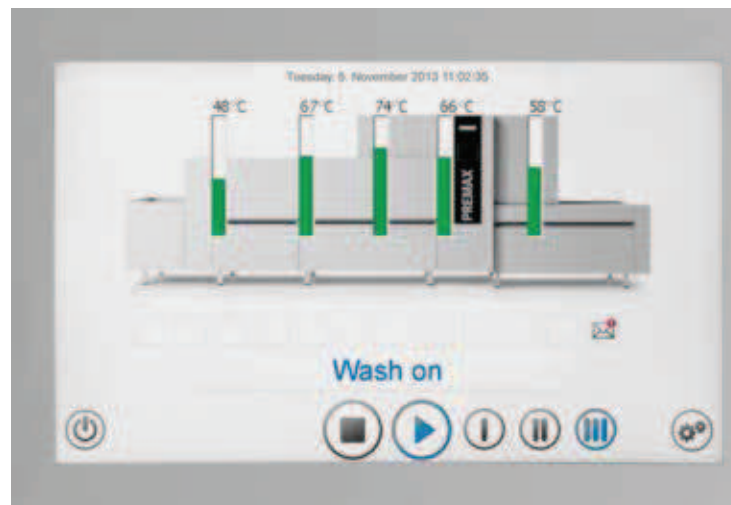
All key functions and data are bundled in the control of the dishwasher. Thus, the control must be easy and quick to operate and allow for comfortable, self-explanatory selection of the appropriate operating options. The large, comfortable PROTRONIC XL control system is standard equipment on the **PREMAX** FTPi line and an optional extra for all **PROFI** FTNi machines. On a clearly structured, coloured touch screen, the PROTRONIC XL control shows an innovative operating concept. Thanks to the simple, modern user interface, operators quickly and intuitively understand how to operate the machine. All key hygiene-related information and functions are visible on the large touch screen at a glance. Depending on their authorization level, different user groups can see different information.



The PROTRONIC XL has some additional innovative functions which are unique in the market:

- Visualisation of temperatures and error messages for the individual zones
- Automatic keeping of the maintenance history according to DIN
- Comfortable data storage in the control
- Message management system
- Visualisation of the operating manual
- Training video can be watched directly

In handling and hygiene control, the innovative PROTRONIC XL control is much more advanced than previous controls, which greatly simplifies the operation, documentation and control of the machine.



COMFORT

SMARTRONIC CONTROL

In busy periods, a machine must be ready to operate quickly and reliably. The SMARTRONIC single-button operation combines the main functions in the START programme: Switch on, wash and switch off. The START button shows, in clearly distinguishable colours, the current operating status: heat, wash, ready. Details can be accessed as required at the touch of a button. Operating errors and any related failures are virtually eliminated.

DROP-IN WASH SYSTEM

Simple removal and secure insertion of the wash system on drawer runners.



WASH ARM SLIDER

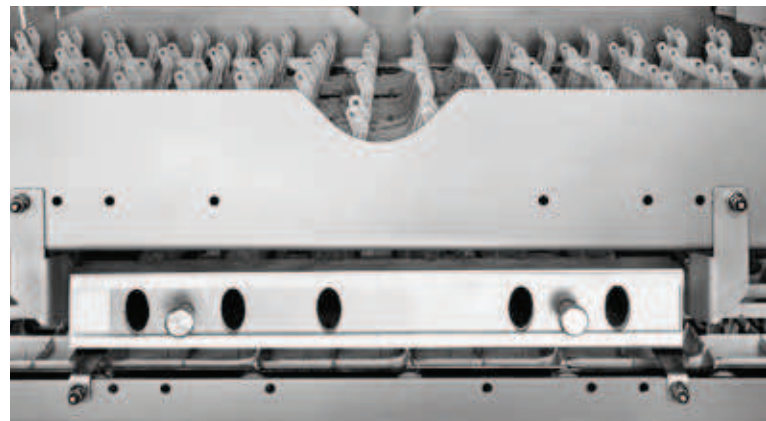
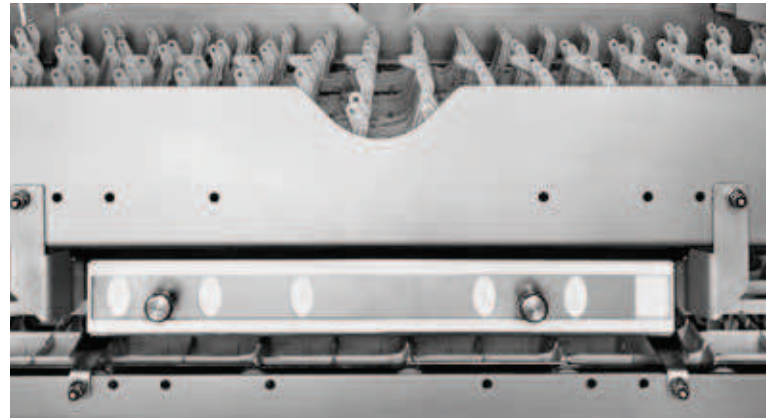
Comfortable one-hand operation for full opening and closing of the wash arms. No more fiddling with or loosening of individual end caps.

CODED WASH AND RINSE ARMS

The wash and rinse arms are clearly designed to prevent risk of confusion when inserting.

CODED CURTAINS

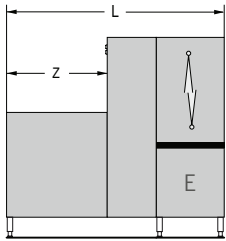
Easy to take out and insert. The clear marking on the wash curtains prevents confusion when inserting.



MODULE SELECTION

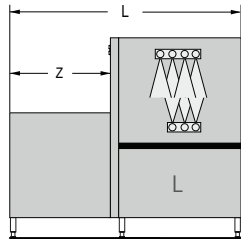
PRE-WASH ZONES

FTNi



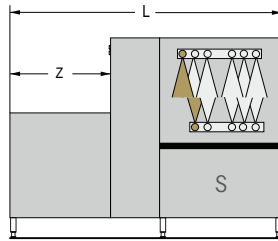
	L	Z
1 E	1,300	440
2 E	1,600	740
3 E	1,900	1,040

FTNi | FTPI



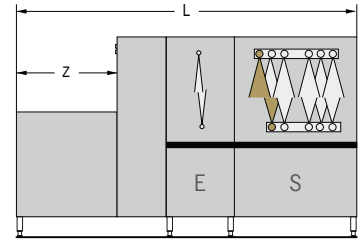
	L	Z
0 L	1,400	440
1 L	1,700	740
2 L	2,000	1,040

FTNi | FTPI



	L	Z
1 S	1,700	440
2 S	2,000	740
3 S	2,300	1,040

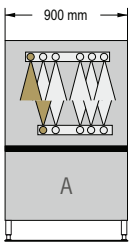
FTNi | FTPI



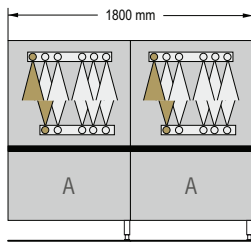
	L	Z
1 E-S	2,200	440
2 E-S	2,500	740
3 E-S	2,800	1,040

MAIN WASH ZONES

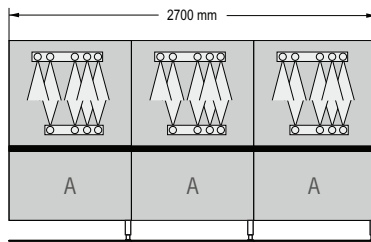
FTNi | FTPI



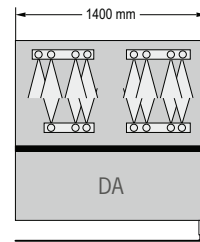
FTNi | FTPI



FTNi

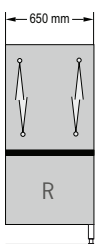


FTPI



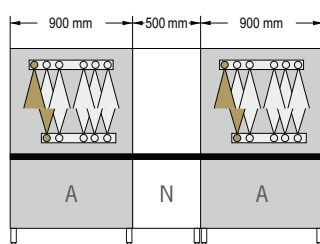
RINSE ZONES

FTNi | FTPI

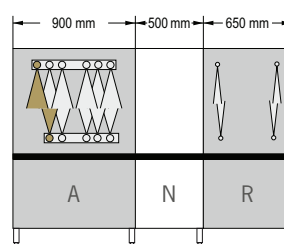


NEUTRAL ZONES

FTNi | FTPI

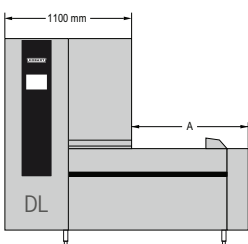


FTNi | FTPI

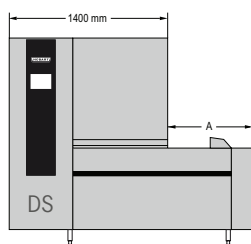


DRYING ZONES

FTNi | FTPI



FTNi | FTPI

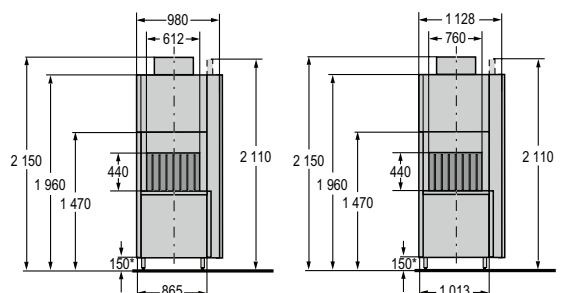


FTNi | FTPI



	L	A
DL 3	1,900	800
DL 4	2,200	1,100
DL 5	2,500	1,400
DL 6	2,800	1,700

	L	A
DS 4	2,200	800
DS 5	2,500	1,100
DS 6	2,800	1,400
DS 7	3,100	1,700



FTNi | FTPI-Dimensions

Loading width: 612 mm and 760 mm

Loading height: 440 mm

FEATURES

	PROFI-LINE	PREMAX-LINE
MODELS	FTNi	FTPi
twinLINE DISHWASHING ORGANISING SYSTEM	○	○
HIGH LEVEL OF ECONOMY		
Efficiency concept	●	●
50PERCENT fresh water rinse	–	● PREMAX LINE EXCLUSIVE
TOP-TEMP energy management	–	● PREMAX LINE EXCLUSIVE
LOW-CHEM detergent saving system	●	●
CLIMATE energy saving system	○	●
CLIMATE PRO energy saving system	○	○
BEST WASH RESULT		
HOT-TEMP washing	–	● PREMAX LINE EXCLUSIVE
TRI-RINSE	●	●
CONTACT-PLUS wash system	●	●
DIRECT conveyor belt	○	●
RO-L reverse osmosis system	○	○
SENSOTRONIC WASHING INTELLIGENCE		
AQUA-ADAPT water consumption control	○	●
SENSO-SPACE compartment detection*	○	●
BEST-START system check	–	● PREMAX LINE EXCLUSIVE
Glass programme	–	○ PREMAX LINE EXCLUSIVE
SHINE cutlery programme	–	○ PREMAX LINE EXCLUSIVE
SENSO-ACTIVE resource management	–	● PREMAX LINE EXCLUSIVE
INTENSIVE ² pan washing programme	–	○ PREMAX LINE EXCLUSIVE
PERMANENT-CLEAN AUTOMATIC SOIL REMOVAL	○	●
DRYING RESULT		
Pumped rinse	–	● PREMAX LINE EXCLUSIVE
3DRY drying system	●	●
COMFORT		
PROTRONIC XL control	○	●
SMARTRONIC control	●	–
Drop-In wash system	●	●
Coded wash and rinse arms	●	●
Coded curtains	●	●
Coded cleaning assistant	●	●
SUPPORT		
AUTO-CLEAN self cleaning system	○	●
Hinged entry section	●	●
Completely moulded tank	●	●
Filter drawing in the entry section	●	●

● Inclusive

○ Optional

– Not available

* with PROTRONIC control



TECHNICAL DATA

PROFI-LINE

PLATE CAPACITY		CONVEYOR SPEED ^[3] in m/min	AVERAGE WATER CONSUMPTION ^[3] in l/h ^[1]	ENERGY CONSUMPTION in kWh ^[2] (connected value in kW)		RECOMMENDED MODEL SELECTION	TOTAL LENGTH in mm	ENTRY SECTION in mm	EXIT SECTION in mm
acc. to DIN ^[3]	maximum			with CLIMATE energy saving system	with CLIMATE-PRO energy saving system ^[4]				
2,380	2,700	1.09	160	26.5 (35.5)	n.a.	FTNi 1-E-AR-DL3	4,750	440	800
2,510	2,950	1.15	160	25.4 (33.8)	20.2 (26.9)	FTNi 0-L-AR-DL3	4,850	440	800
						FTNi 0-L-AR-DL4	5,150	440	1,100
						FTNi 1-L-AR-DL3	5,150	740	800
						FTNi 1-L-AR-DL4	5,450	740	1,100
2,830	3,400	1.30	160	23.1 (30.8)	18.0 (26.9)	FTNi 1-S-AR-DL3	5,150	440	800
						FTNi 1-S-AR-DL4	5,450	440	1,100
						FTNi 2-S-AR-DL4	5,750	740	1,100
						FTNi 2-S-AR-DL5	6,050	740	1,400
2,830	3,400	1.30	160	23.1 (30.8)	18.0 (26.9)	FTNi 1-S-AR-DS4	5,450	440	800
						FTNi 1-S-AR-DS5	5,750	440	1,100
						FTNi 2-S-AR-DS5	6,050	740	1,100
						FTNi 2-S-AR-DS6	6,350	740	1,400
3,380	3,990	1.55	160	23.1 (30.8)	20.2 (26.9)	FTNi 1-E-S-AR-DS5	6,250	440	1,100
						FTNi 2-E-S-AR-DS5	6,550	740	1,100
						FTNi 2-E-S-AR-DS6	6,850	740	1,400
						FTNi 2-E-S-AR-DS7	7,150	740	1,700
3,820	5,370	1.75	180	26.7 (39.8)	22.1 (32.9)	FTNi-2-S-A-A-R-DS5	6,950	740	1,100
						FTNi-2-S-A-A-R-DS6	7,250	740	1,400
						FTNi-2-S-A-A-R-DS7	7,550	740	1,700
4,360	5,760	2.00	180	26.7 (39.8)	22.1 (32.9)	FTNi-2-E-S-A-A-R-DS5	7,450	740	1,100
						FTNi-2-E-S-A-A-R-DS6	7,750	740	1,400
						FTNi-2-E-S-A-A-R-DS7	8,050	740	1,700
4,800	6,720	2.20	190	31.7 (47.3)	24.1 (35.9)	FTNi 2-S-A-A-A-R-DS5	7,850	740	1,100
						FTNi 2-S-A-A-A-R-DS6	8,150	740	1,400
						FTNi 2-S-A-A-A-R-DS7	8,450	740	1,700
5,350	7,370	2.45	190	31.7 (47.3)	24.1 (35.9)	FTNi 2-E-S-A-A-A-R-DS5	8,350	740	1,100
						FTNi 2-E-S-A-A-A-R-DS6	8,650	740	1,400
						FTNi 2-E-S-A-A-A-R-DS7	8,950	740	1,700

PLATE CAPACITY		PREMAX-LINE							
acc. to DIN ^[3]	maxi- mum	CONVEYOR SPEED in m/min	AVERAGE WATER CONSUMPTION in l/h ^[1]	ENERGY CONSUMPTION in kWh ^[2] (connected value in kW)		RECOMMENDED MODEL SELECTION	TOTAL LENGTH in mm	ENTRY SECTION in mm	EXIT SECTION in mm
				with CLIMATE energy saving system	with CLIMATE- PRO energy saving system ^[4]				
2,840	3,490	1.30	130	23.8 (38.3)	16.7 (26.9)	FTPi 0-L-A-R-DL3 FTPi 0-L-A-R-DL4 FTPi 1-L-A-R-DL3 FTPi 1-L-A-R-DL4	4,850 5,150 5,150 5,450	440 440 740 740	800 1,100 800 1,100
2,840	3,490	1.30	130	23.8 (38.3)	16.7 (26.9)	FTPi 0-L-A-R-DS4 FTPi 0-L-A-R-DS5 FTPi 1-L-A-R-DS4 FTPi 1-L-A-R-DS5	5,150 5,450 5,450 5,750	440 440 740 740	800 1,100 800 1,100
3,380	4,030	1.55	130	23.8 (38.3)	16.7 (26.9)	FTPi 1-S-A-R-DS4 FTPi 1-S-A-R-DS5 FTPi 2-S-A-R-DS5 FTPi 2-S-A-R-DS6	5,450 5,750 6,050 6,350	440 440 740 740	800 1,100 1,100 1,400
3,710	5,450	1.70	130	23.0 (38.3)	16.2 (26.9)	FTPi 1-E-S-A-R-DS5 FTPi 2-E-S-A-R-DS5 FTPi 2-E-S-A-R-DS6 FTPi 2-E-S-A-R-DS7	6,250 6,550 6,850 7,150	440 740 740 740	1,100 1,100 1,400 1,700
4,320	5,800	1.98	150	27.5 (45.8)	23.4 (38.9)	FTPi 2-S-D-A-R-DS5 FTPi 2-S-D-A-R-DS6 FTPi 2-S-D-A-R-DS7	6,550 6,850 7,150	740 740 740	1,100 1,400 1,700
5,240	7,420	2.40	160	29.3 (48.8)	26.5 (43.4)	FTPi 2-S-A-A-R-DS5 FTPi 2-S-A-A-R-DS6 FTPi 2-S-A-A-R-DS7	6,950 7,250 7,550	740 740 740	1,100 1,400 1,700

All data for machines with a loading width of 612 mm.

^[1] Fresh-water consumption values under optimised conditions and in **PREMAX** models using the SENSOTRONIC system (different customer-specific values are possible).

^[2] Average value for exemplary tableware and operation type.

^[3] According to hygienic wash results as per DIN SPEC 10534 standard.

^[4] Machines with heat pump contain up to 4.7 kg (6.1 t CO₂-equivalent) of the refrigerant R134a (GWP 1430)



HOBART



PREMAX

INNOVATIVE



HOBART

ECONOMICAL



HOBART

ECOLOGICAL

THE COMPANY

HOBART is the world market leader in commercial warewashing technology and renowned manufacturer of cooking, food preparation and waste technology. Established 1897 in Troy, Ohio, HOBART today employs more than 6,900 employees around the world. At our manufacturing plant in Offenburg, Germany, HOBART develops, produces, and distributes warewashing technology worldwide. All over the world, the hotel and catering trade, cafeterias, bakeries and butcher shops, supermarkets, airlines, cruise ships, automotive suppliers, research centres and pharmaceutical companies swear by our innovative products, which are considered to be economical and ecological market leaders.

OUR FOCUS

INNOVATIVE - ECONOMICAL - ECOLOGICAL

This is our philosophy. To us, innovation means continuously setting new standards in technology, combined with real added value for the customer. An enterpriseowned technological centre and an innovation centre for warewashing technology at our headquarters in Germany make this possible. Highly efficient products are created with bundled innovation, which continuously confirm our status as technological leader. To be economical means to set standards in relation to the lowest operating costs and minimal use of resources, and to revolutionise the market continuously. To be ecological means a responsible handling of resources and a sustainable energy policy. This applies not only to the product in use, but in general to all areas of the organisation, such as purchasing or manufacturing.

WHENEVER THE FIRST
MACHINE WILL BE CAPABLE OF
WASHING WITHOUT WATER –
IT WILL BE A HOBART.

We provide this promise of quality to our customers,
and it represents our personal standard upheld
by all our staff at HOBART.

OUR VISION - WASH WITHOUT WATER

Intensive market research has shown, that our customers expect warewashing technology that combines efficiency with optimal performance. We hold ourselves to these claims, and they form the foundation for our vision of „washing without water“. This vision is our continuous incentive to walk on new paths in order to constantly reduce the water, energy and chemical consumption. Step by step, we would like to come closer to our goal with innovative excellence, and we already know: Whenever the first machine will be capable of washing without water – it will be a HOBART.

HOBART COMPETENT - FAST - RELIABLE

HOBART service technicians as well as HOBART service partners are the „real“ experts. Thanks to intensive training and many years of experience, these technicians have a unique and profound knowledge of the product. Maintenance and repair work is therefore always carried out professionally, fast, and reliably.





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