



WAREWASHING
RACK - TYPE DISHWASHER

PROFI CN

EFFICIENT - RELIABLE - INNOVATIVE





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HOBART PHILOSOPHY

UNDERSTAND-SIMPLIFY-FOCUS-INNOVATE

This philosophy provides the continuing motivation to develop innovations, which are the best driver of economic development and a guarantee for job security. It is a philosophy of the essential, of customer value, of simplicity. A philosophy built on the conviction that things created for a purpose and with logic, do not need to be completely renewed, but must instead be subject to continuous evolution.

HOBART VISION

WASH WITHOUT WATER

Before PROFi and PREMAX, a flight-type dishwasher with a 50% water saving would have been utopia. At HOBART, efficiency and responsible use of natural resource when developing new machines have always gone hand in hand. With PREMAX, the company has set a further milestone, and has further extended its leadership in innovation. But even so, HOBART is not satisfied with this. The company will not diminish the pace of its innovation, and will look for further opportunities to save even more. When the day arrives that a machine is able to wash without water, we already know, it will be a HOBART.



HOBART FOCUS

INNOVATION

Without the readiness to invest in the future, without the natural reaction of always questioning ourselves, without interdisciplinary basic research and consistent customer focus, HOBART PROFi and PREMAX would be inconceivable.

Worldwide, over 300 research and development engineers and global marketing teams, who identify customer requirement, as well as the company's own Tech-Center With over 1,000 patent applications annually, develop innovative technology and make PREMAX possible.

ECOLOGY

The HOBART environment protection program CO₂SEQUENT has been in existence for some time. The program includes a large number of measures that are all related to protecting the environment. These measures are implemented in production, purchasing, the development and sale of products and in additional projects.

ECONOMY

Already in the 1980s our E-formula set standards in energy saving and recovery which are still unique today. This innovative spirit found its fulfillment in the PREMAX line. The PREMAX flight-type dishwasher saves up to 50% water, 30% energy, and 80% chemicals in comparison with conventional technologies, making HOBART a model in term of efficiency and economy.



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1 | ECONOMY

PATENT

ENERGY MANAGEMENT EFFICIENT

A conventional rack-type dishwasher loses 40% of the energy available in the machine via the exhaust system. The new energy-management EFFICIENT reduces evaporation loss. The improved arrangement of the wide-angle nozzles FAN and the orientation of the wash arms reduce the airflow within the machine. The patented wide-angle nozzle FAN spreads out a 65% wider and more even spray pattern. Recirculation of water for the same wash result can be reduced. To keep the system in balance less air/water steam is exhausted. This new energy-management EFFICIENT design reduces heat loss by up to 15%.

HOBART HEAT RECOVERY

Lower running costs significantly with a high efficiency HOBART C20 Heat Recovery System. Energy from the extracted air is used to heat the incoming water. The HOBART heat recovery systems lower connected load by 6 kW. Heat Recovery systems result in less steam emissions into the kitchen or vent system. Optional on all CN models.

RINSE ACTUATOR

Rack activated rinse control is standard on all CN models. The final rinse is only on when a rack of ware is in the final rinse zone.

HOBART DUAL RINSE 82

Sanitize with 82° C final rinse. **Hobart Dual Rinse** uses the rinse water a 2nd time to pre-rinse ware. Dual rinse reduces running costs by lowering rinse water consumption and heating energy and by reducing rinse aid and detergent use. 260 L/H dual rinse is standard on all CN models.





2 | WASH RESULT

**PATENT
PENDING**

WASH SYSTEM CONTACT-PLUS

The impact of detergent solution via the wash arms is, apart from temperature, the main factor influencing cleaning results. The precision of FAN wide-angle nozzles reduces the distance between wash arms and achieves full cleaning performance. The new 65% wider wash jets and FAN wide-angle nozzles washes ware three times per wash arm. Wash system CONTACT-PLUS with 6 wash arms above and 5 wash arms below guarantees an optimal wash result.

HOBART "S" HEAVY-DUTY PREWASH 6/5

Significantly lower labor costs and improve wash performance. No manual pre-scraping means less manual handling of ware. Prewash tanks also result in cleaner wash water in the main wash tank. The long active prewash contact time and 11 prewash arms provide superior pre-scrap and pre-soak performance.

HIGH TEMP WASH 65

Standard 65°C wash temperature assures optimum cleaning performance

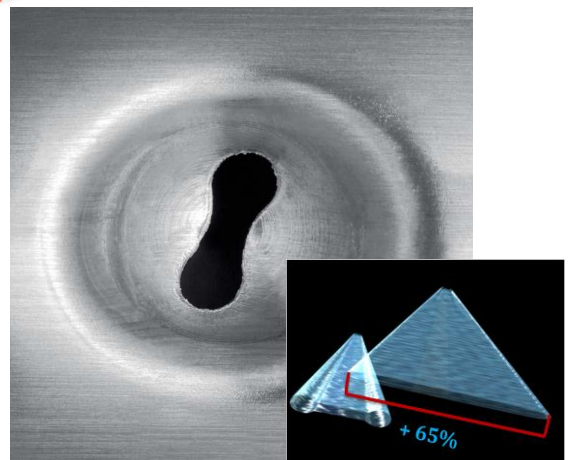
SPEED CONTROL

HOBART CN comes standard with the easy to use 2-speed SMARTRONIC control. A 3-speed SMARTRONIC control featuring a DIN 10510 speed is optional.

HOBART CDS DRYER

The high performance 850mm dryer shortens drying time with efficient low power consumption. Optional on all CN models.

PATENT





3 | HANDLING

HANDLING ASSISTANT EASY

SMARTRONIC CONTROL

Switch on/off – all machine functions are automatically assumed by the control.

DROP-IN WASH SYSTEM

Easy to take out and insert.

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. Clear curtain marking simplifies machine preparation.

DOOR INSULATION

HOBART CN series door insulation reduces heat loss from the machine and improves operator safety by lowering the surface temperature of the door. Standard on all CN models.



4 | SUPPORT

CLEANING ASSISTANT SUPPORT

WASH SYSTEM

The drawer design makes removal and reinstall easy.

BAYONET WASH ARM AND END CAP CATCH

The wash arms can be opened and closed easily to simplify cleaning.

MOULDED DRAIN ELEMENT

Soil is directed via beading to a central point and into the drain.

COMPLETELY MOLDED TANK

The deep tank sump and bottom are molded from one piece of stainless steel. There are no corners, edges or weld seams where dirt can accumulate. Cleaning and hygiene are optimized.

CONDENSER COVER

Easy removal facilitates cleaning.

1 PIECE STRAINER PAN AND REMOVABLE STRAINER BASKET

150 MM FLOOR CLEARANCE

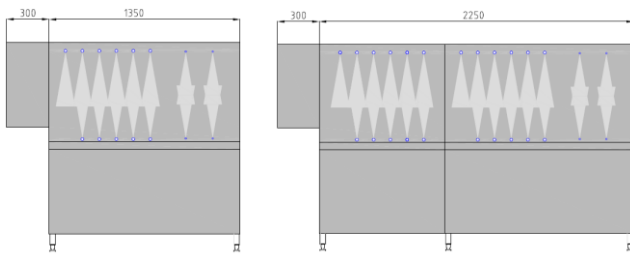
FULL WIDTH PANORAMA DOORS





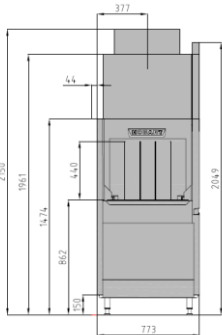
5 MODEL SELECTION, OPTIONS AND DIMENSIONS

CN MODELS



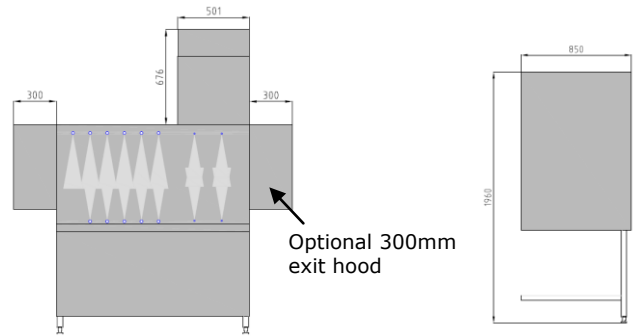
CN-A

CN-SA



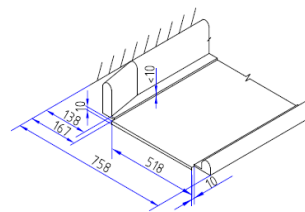
Loading width: 510mm
Loading height: 440mm

CN OPTIONS

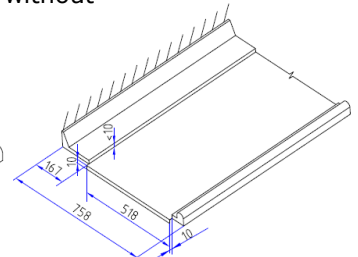


C20 heat recovery system
Exhaust hood with or without ventilator

CDS dryer



(a) Without exit hood



(b) With exit hood or entry hood

Operating table connection

6 TECHNICAL DATA

MODELS	RACKS/HOUR (1)			RINSE CONSUMPTION		TANKS	CDS DRYER kW (5)	BOOSTER kW OPTIONS(4)			TANK HEAT kW(3) (4)	TOTAL LENGTH mm
	SPEED 1 (STANDARD)	SPEED 2 (STANDARD)	SPEED 3 (OPTIONAL) DIN 10510	L/hour(2)	L/rack			10°C feed (6)	25°C feed (6)	50°C feed		
CN-A	250	170	80	260	1.0	1	N/A	24	18	12	18	1,350
CN-A-CDS	250	170	80	260	1.0	1	5.0	24	18	12	18	2,200
CN-SA	300	200	150	260	0.9	2	N/A	24	18	12	18	2,250
CN-SA-CDS	300	200	150	260	0.9	2	5.0	24	18	12	18	3,100

- (1) Standard control is 2 speed. Speed 3 DIN 10510 is available on optional 3 speed control.
- (2) Water consumption/hour is based on maximum flow rate if continuous operation.
- (3) 24 kW tank heat option for 71°C wash or Thermolable performance level also available. Contact Hobart for details.
- (4) Steam coil and booster details available on request.
- (5) Dryer electric heater 4.5 kW, fan 0.5 kW.
- (6) Reduce booster by 6 kW with C20 heat exchanger option.



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GOOD – BETTER – PROFI

With its energy management system **EFFICIENT** and its highly effective heat recovery system, HOBART sets new economical standards in rack-type dishwashers, while also protecting the environment by reducing consumption levels.

With its perfectly hygienic wash result and practical user features, the PROFI CN stands for quality-made by HOBART.





For more information contact Hobart or your local Hobart dealer

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