



WAREWASHING
UTENSILWASHERS

SERIES UX

EFFICIENT – RELIABLE – INNOVATIVE

ECONOMICAL – INNOVATIVE – ECOLOGICAL

Constantly increasing energy costs lead to constantly increasing operating costs in bakeries and butcher's shops as well as in catering. HOBART heat recovery system makes cleaning utensils, racks and trays more economic while keeping the best washing result.

Up to 60% of energy costs can be saved in this way – which is not only easier on finances, but also more ecologically sound. Consistent heat recovery has given the UX utensilwasher series a pioneering position in CO₂ reduction.

NEW





1 | ECONOMY

COST-SAVING DRAIN HEAT RECOVERY

The drain heat-recovery system transfers heat from hot drain water to the fresh-water supply, heating it up to around 45°C and reducing boiler power consumption from 9 kW to 6 kW in UX/UXL models, and 15 kW to 9 kW in UXT/H models. Conventional heat-recovery systems prolong the wash cycle and reduce rack performance, but HOBART drain heat recovery uses a more effective contraflow system. This highly efficient method shortens the time it takes to heat up the feed water, giving our HOBART utensilwashers the same rack performance that you would expect from systems without heat recovery. The HOBART UX series is the only utensilwasher series on the market fitted with drain heat recovery, and saves up to 60% on the electricity bills. The lower input wattage on the system also reduces peak power consumption.

COST-SAVING EXHAUST HEAT RECOVERY

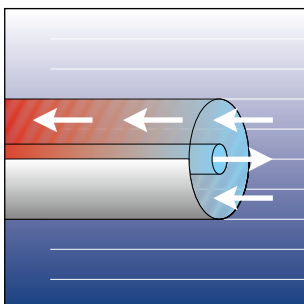
Optional Exhaust Heat Recovery including an integrated VAPOSTOP door opening uses steam to heat fresh feed water. The feed water is led through a heat exchanger that increases the water temperature by around 20°C, reducing the amount of power needed to reach the final rinse temperature by up to 7.7 kWh and potentially saving you up to 2,100 Euro per annum.

EFFICIENT – ECONOMICAL

ANNUAL SAVINGS WITH DRAIN HEAT RECOVERY

Operating days per year	Operation time per day			
	2	3	4	5
220	836 €	1,254 €	1,672 €	2,090 €
300	1,140 €	1,710 €	2,280 €	2,850 €
365	1,387 €	2,080 €	2,774 €	3,467 €

Calculation basis UXT:
Running at full capacity at 30 racks/h average (Theoretical rack performance)
Electricity costs at 0.15 Euro per kWh



A coaxial pipe transfers heat from hot drain water to fresh feed water.

ECONOMIC – THRIFTY

ANNUAL SAVINGS WITH EXHAUST HEAT RECOVERY

Operating days per year	Operation time per day			
	2	3	4	5
220	507 €	760 €	1,013 €	1,267 €
300	691 €	1,036 €	1,382 €	1,727 €
365	841 €	1,261 €	1,681 €	2,101 €

Calculation basis UXT:
Running at full capacity at 30 racks/h average (Theoretical rack performance)
Electricity costs at 0.15 Euro per kWh



Exhaust heat recovery transfers heat from steam to fresh feed water.

SERIES UX

EFFICIENT – RELIABLE – INNOVATIVE

2 | WASH RESULT

**PATENT
PENDING**

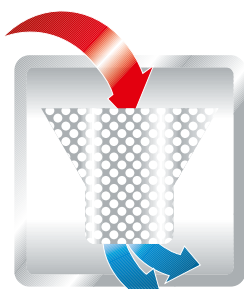
FINE FILTER SYSTEM GENIUS-X²

Permanently clean wash water is the key requirement for an optimal wash result with less detergent and water consumption. In the next generation GENIUS-X² fine filter system, the wash water is continuously led 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 5.5 respectively 11 liters of fresh hot rinse water. This optimal regeneration ensures a perfect wash result. The GENIUS-X² cleans itself during the draining phase. The fine filter system GENIUS-X² reduces detergent consumption by up to 30%.

HYGIENIC – CLEAN



The fine filter system GENIUS-X² reduces detergent consumption by up to 30%.



The fine filter system GENIUS-X², with integrated pre-washing process filters the wash water continuously and then pumps out the soil particles.

3 | HANDLING

DOOR SYSTEM VAPOSTOP

When opening a conventional utensilwasher hot steam escapes from the machine. The optional door opening VAPOSTOP with integrated exhaust heat recovery is equipped with a multi-stage ventilation system to extract saturated steam through a heat exchanger. Due to the exhaust the escape of steam is effectively avoided. So removing the wash ware is much easier for the personnel and the guests at the bar are not disturbed by escaping steam.

PLEASANT – CLEAN



The patent pending door opening VAPOSTOP avoids effectively the escape of steam when loading and unloading the machine.



The UX series can wash up to four bakery racks in one cycle.

HOBART GMBH

Robert-Bosch-Straße 17

77656 Offenburg/GERMANY

Phone +49(0)781.600-28 20

email: info-export@hobart.de

Fax +49(0)781.600-28 19

www.hobart-export.com

EFFICIENT – RELIABLE – INNOVATIVEMember of the *ITW* Food Equipment Group Europe

4 | TECHNICAL DATA

MODELS	UX(L)	UXT(L)	UXT(L)H
Cycle times at hot water connection in sec. [1]	120/240/360/>360	120/240/360/>360	120/240/360/>360
Capacity Racks / h [2]	30	30	30
Dimensions in mm			
Width	780	1380	1447
Depth	945	945	936
Height	1762 (1984)	1762 (1984)	1732 (1984)
Open hood height	1980 (2417)	1980 (2417)	2400 (2900)
Rack size	600 x 700	1240 x 700	1240 x 700
Loading height	650 (865)	650 (865)	620 (880)
Heat output kW			
Tank	4,5	6	6
Booster	9 [3]	7.5 / 15* [5]	7.5 / 15* [5]
Total loading kW	12.1 [4]	13.5 / 21 [6]	13.5 / 21 [6]
Fuse A	3x20	3 x 25 / 3 x 35	3 x 25 / 3 x 35
Tank volume litres	64	120	120
Water consumption litres / cycle	5.5	11	11

[1] Thermostop: The machine is equipped with cycle time control to ensure hygienic rinse temperatures even if you only have a cold water connection or reduced heating.

[2] Theoretical performance

[3] With optional drain heat recovery 6 kW or 9 kW boiler available

[4] With optional drain heat recovery 9.1 kW or 12.1 kW

[5] With optional drain heat recovery 9 kW or 15 kW boiler available

[6] With optional drain heat recovery 15 kW or 21 kW

* Multi-Setting: The heater output can be reduced at site from 15 kW to 7.5 kW if required.

WATER TREATMENT

WATER SOFTENING SYSTEM

to protect against calcium deposits

Mod. SE output 1,600 litres at 10° d (total hardness)

PARTIAL DESALINATION CARTRIDGES

for brilliant wash results when the raw water contains minerals

Series TE output of 7,000 to 16,000 litres at 10° d (carbonate hardness)

FULL DESALINATION CARTRIDGES

for brilliant wash results when the raw water has a high mineral content.

Series VE output of 3,100 to 5,000 litres at 10° d (total hardness)

