

UPster B Flight Type Dishwasher

UPster B 460VAP CSS-Top + Thermolabel: Pre-wash + wash + wash + Unloading section / drying section

Execution for: Saudi Arabia

Capacity: 4000 / 5700 / 6600 plates/h

Heating: Electric

Working direction: Left to right

Power supply: 3N PE 380V 60Hz

Tank filling: Soft warm water

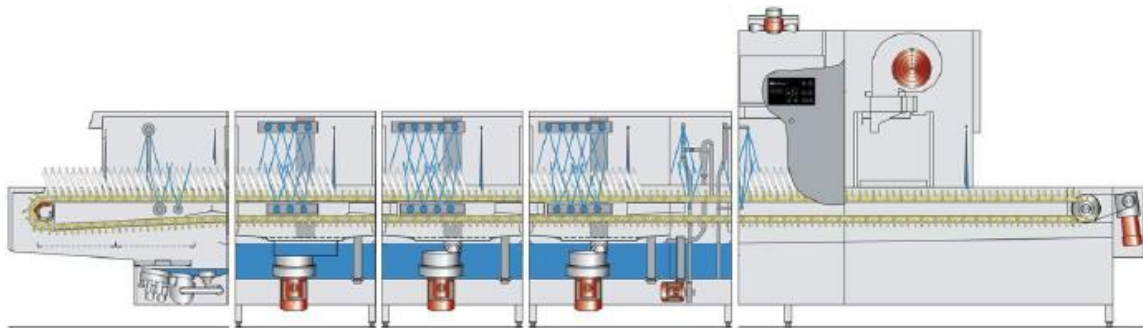


UPster B is the new generation of warewashing technology.

Perfectly tailored for people and the environment, economical, resource-efficient and user-friendly.

- MEIKO UPster B offers state-of-the-art technology at an impressively low price and offers an outstanding array of advanced technologies.
- Designed to make hygiene management more efficient than ever, it guarantees maximum cleanliness all the way down the line.
- The built-in chemical saving system CSS optimizes wash performance, reducing chemical use by up to 50 percent.
- The CSS-Top version goes even further, achieving reductions in chemical use of up to 80 percent.
- The intelligent AWS system significantly reduces the amount of water used by the warewasher, keeping the use of this valuable resource to a minimum while still maintaining sparkling clean results.

MEIKO UPster B. All the latest warewashing improvements in a single system.



Schematic sectional view of machine

Technical data


Performance

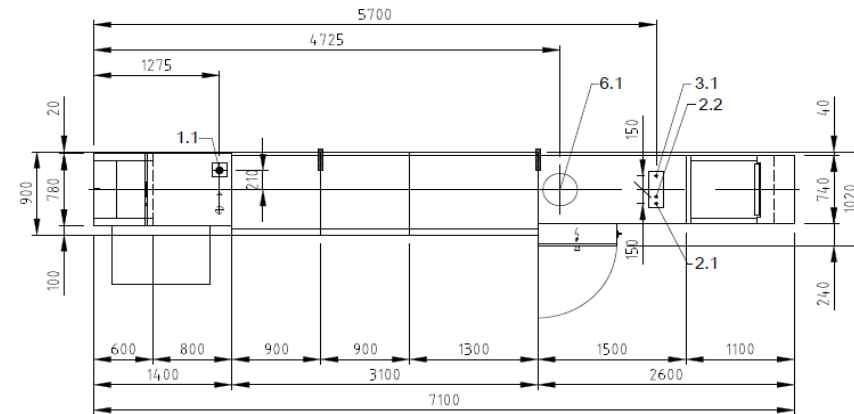
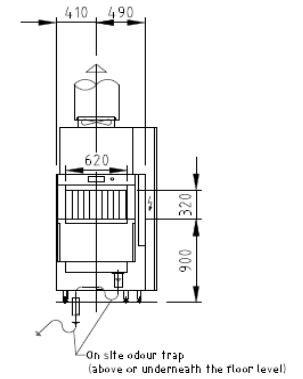
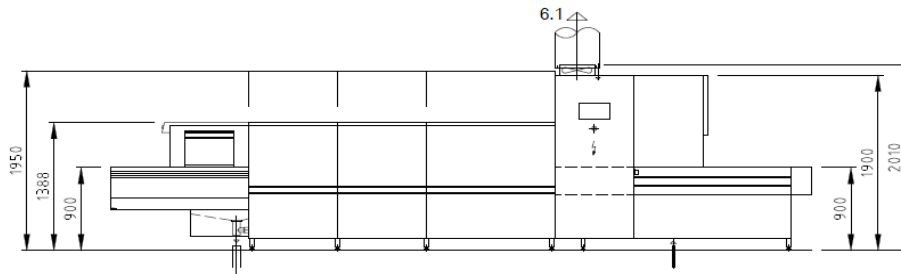
- | | |
|-----------------------------|--------------------------|
| ▪ Contact length | 3600 mm |
| ▪ Contact time | 2 minutes |
| ▪ Transport speed 1 / 2 / 3 | 1.80 / 2.55 / 2.95 m/min |

Dish Capacity

4000 / 5700 / 6600 plates/h

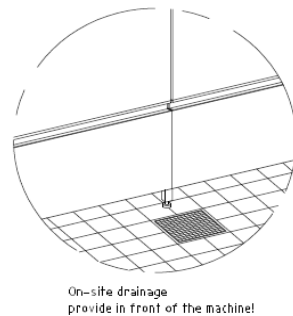
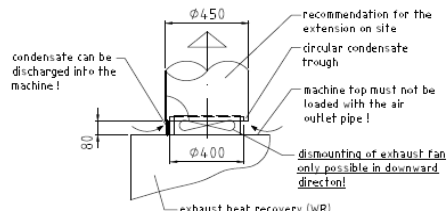
Machine conveyor belt for dishes	MTB 1.11 Multi-purpose conveyor
Motors	
• Total	9.3 kW
Heating energies	
• Total	60.7 kW
Electrical feeding cable	
• Power supply	3N PE 380V 60Hz
• Total connected load	70 kW
• max. rated current	113.3 A
• Max. Elect. cable cross-section	95 mm ²
Fresh water	
• Fresh water final rinse: soft cold water	300 l/h
Tank filling	
• Soft warm water	430 l
Air outlet	
• Exhaust air volume approx.	800 m ³ /h
• Exhaust air temperature approx.	35 °C
• Relative humidity approx.	85 %
Heat load	
• total	5.6 kW
• Perceptible	2.1 kW
• latent	3.5 kW
Dimensions of machine	
• Feeding section	1400 mm
• Pre-wash tank	900 mm
• Wash tank	900 mm
• Wash tank	1300 mm
• Unloading section / drying section	2600 mm
Total	7100 mm
Machine separation	Separation at the unloading section Separation between 1st and 2 nd Wash zone
Equipment	Exhaust air heat recovery Thermolabel Heaters Incoloy 825 Drying (TR1500)


Type code: B460VAP-T-L-E1400-380/60-E-A2600-D1500-nC-IC	
1.1	Machine drain DN 70, dia. 75 a, Onsite pipe system connection and siphon
2.1	Water connection of the machine: Soft warm water 50°C, DN 20, G 3/4 a max. 0,54 mmol/l CaCO ₃ (max. 3°dH) consumption approx. 430 l for tank filling
2.2	Water connection of the machine: Soft cold water, DN 20, G 3/4 a max. 0,54 mmol/l CaCO ₃ (max. 3°dH) consumption approx. 300 l/h for final rinse
3.1	Electrical connection of the machine: 3N PE 380V 60Hz nominal current / - capacity: 113.3 A / 70.0 kW Max. Elect. cable cross-section: 95 mm ² free cable end from finished floor level/Wall: approx. 4 m Ⓢ Voltage equalising cable
6.0	Heat load of warewash area The values apply for the following room conditions: Room temperature 22 °C, rel. humidity 55 % The total heat load includes 6.1 and 6.2
6.1	Machine exhaust air pipe, dia. 360 mm Heat load of the machine in normal washing operation: Latent: 3.5 kW, perceptible: 2.1 kW, total: 5.6 kW At a freshwater supply temperature of approx. 12°C
6.2	The heat load of the wash ware must be considered separately.
For the total space load, all other space loads must be considered. The space ventilation must be designed in accordance with EN 16282.	
 Separation Machine Equipment Exhaust air heat recovery Thermolabel heaters Incoloy 825	



RECOMMENDATION AIR OUTLET EXTENSION ON SITE

(exhaust air outlet or exhaust heat recovery)



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	Reference UPSTER STANDARD DRAWING / SAU	UPSTER B460VAP CSS-TOP L-R ELECTRO
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	Scale 1:50	drawn: 27.07.2020 m-iplan
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