

UPster H 500 M2 – Hood type dishwasher

The MEIKO UPster® H M2 is designed for tableware and coffee cups, but also ideal as a high-performance dishwasher for glasses. With its sleek, easy-clean stainless steel surfaces and clearly designed, user-friendly operating panel, it offers impressive visual appeal from the outside. But things get even better on the inside: optimised wash and rinse system, perfected tank design and a unique filter system.

Execution for: Saudi Arabia

Dishwashing machine

Fresh water line: Soft warm water 0-3°dH
 3-phase current: 3N PE 400V 60Hz

Technical data

Rack capacity/h (theoretical)

60 / 40 / 17 racks/h

Programme cycle

90 / 150 / 210 s

Rack dimension

500 x 500 mm (540 x 500)

Entry height

440 mm

Dimensions (W x Hmin x D)

635 (687) x 1470 x 750 (850) mm (with hood rod)

Electrical feeding cable

3-phase current 3N PE 400V 60Hz*
 Total connected load: 10.6 kW
 max. rated current: 19.6 A

Local fuse protection

20 A

Machine protection class

IP X4

Equipment

Control system MIKE CPU1
 Infrared interface for wireless communication
 Automatic program start
 Leakage detector
 Boiler safety device
 Drain pump
 AktivPlus wash water filter system
 Automatic self-cleaning when tank is drained
 Back wall cladding

Fresh water line

Air gap 'AA' in accordance with EN 1717 with booster pump

Fresh water supply

Minimum flow pressure 60 kPa / 0.6 bar in front of solenoid valve
 Maximum pressure: 500 kPa / 5.0 bar
 Max. supply water temperature 60 °C

Flow rate

5 l/min

Final rinse water quantity

2.6 liters/cycle

Boiler

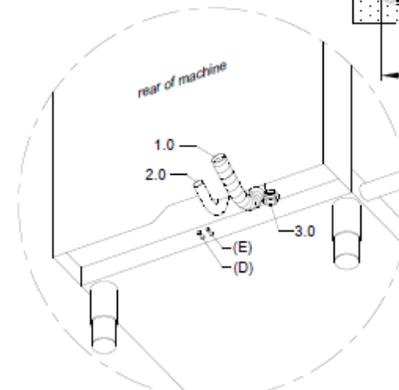
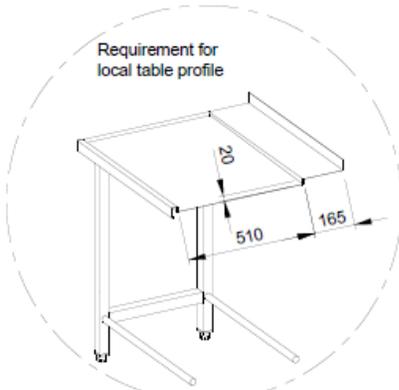
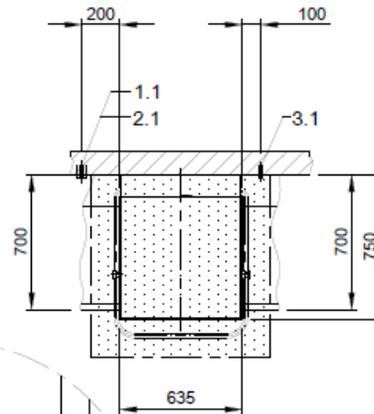
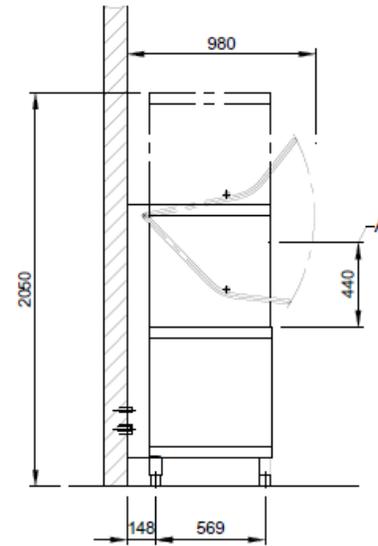
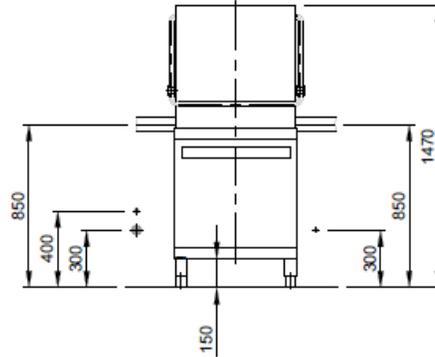
Contents: 10.5 l
 Heater: 7.50 kW
 Temperature: 83 °C



Wash tank	Filling: 22.0 l Heater: 2.00 kW Temperature: 60 °C
Wash pump	Performance: 0.75 kW
Dosing of rinse aid	Hose pump (24 V) with time control and suction lance
Detergent dosage	Hose pump (24 V) with time control and suction lance
Material	Cladding: 1.4301 Wash tank: 1.4301 Boiler: 1.4571
Heat emission	for 25 programme cycles/h total: 2.7 kW perceptible: 1.8 kW latent: 0.9 kW
Ventilation flow rate	680 m ³ /h
Steam emission	1.3 kg/h
Emission sound pressure level at the workplace (LpA)	67 dB

*Note:
Electrical equipment suitable for supply voltage:
3N PE 400 V 60 HZ (3N PE 380-415 V 60 Hz)

1.0	machine connection: drain connection hose, DN 22 hose fitted as odour trap in interior of machine
1.1	drain (max. 700 mm above finished floor level), DN 50
2.0	Machine connection: fresh water supply, G 3/4"
2.1	Soft warm water 45-60°, DN 15, G 3/4 a max. 0,54 mmol/l CaCO ₃ (max. 3°dH) Flow rate: 5 l/min Minimum flow pressure: 60 kPa / 0.6 bar in front of solenoid valve Maximum pressure: 500 kPa / 5.0 bar stopcock and fine screen ≤ 25 µm
3.0	Machine connection: electrical connection cable 5G 2,5mm ²
3.1	electricity supply to the machine: 3N PE 400V ~ 60Hz nominal current / - capacity: 19.6 A / 10.6 kW Fuse protection: 20 A ⊕ Voltage equalising cable The master switch must be provided on site Electrical equipment suitable for supply voltage: 3N PE 380-415 V 60 Hz
6.0	Heat load of warewash area The values apply for the following room conditions: Room temperature 22 °C, rel. humidity 55 % Recommended suction area according to German EN 16282 or any local regulations have to be observed to determine ventilation of wash areas The total heat load includes 6.1
6.1	Heat load of the machine in normal washing operation: for 25 programme cycles/h total 2.7 kW, perceptible 1.8 kW, latent 0.9 kW For the total space load, all other space loads must be considered. The space ventilation must be designed in accordance with EN 16282.
all cables, pipes etc leaving machine 1,4 m	
the position of the connection piping can also be mirror-inverted!	
Height adjustable: machine feet +/- 30 mm, MEIKO table feet +/- 15 mm	
Machine Equipment	
(A) Entry height	
(D) Rinse agent pipe and suction lance	
(E) Detergent dosing unit with suction lance	
Feeding table on site	
Discharge table on site	



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