

## 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

Thermolabel

## 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: 12.6 kW

max. rated current: 19.5 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

Thermolabel

**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



<b>Boiler</b>	Contents: 10.5 l Heater: 7.50 kW Temperature: 83 °C
<b>Wash tank</b>	Filling: 22.0 l Heater: 4.00 kW Temperature: 74 °C
<b>Wash pump</b>	Performance: 0.75 kW
<b>Dosing of rinse aid</b>	Hose pump (24 V) with time control and suction lance
<b>Detergent dosage</b>	Hose pump (24 V) with time control and suction lance
<b>Material</b>	Cladding: 1.4301 Wash tank: 1.4301 Boiler: 1.4571
<b>Heat emission</b>	for 10 programme cycles/h total: 1.1 kW perceptible: 0.7 kW latent: 0.4 kW
<b>Ventilation flow rate</b>	270 m <sup>3</sup> /h
<b>Steam emission</b>	0.5 kg/h
<b>Emission sound pressure level at the workplace (LpA)</b>	67 dB

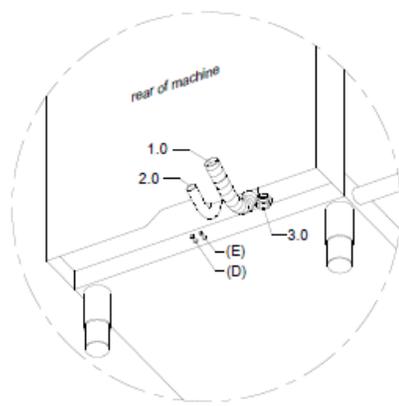
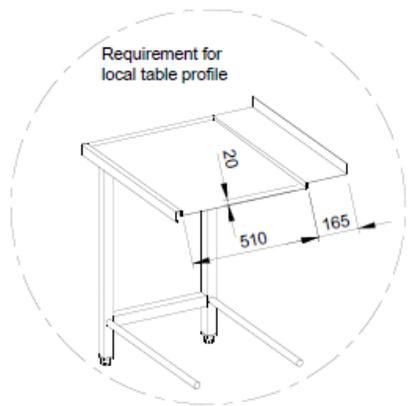
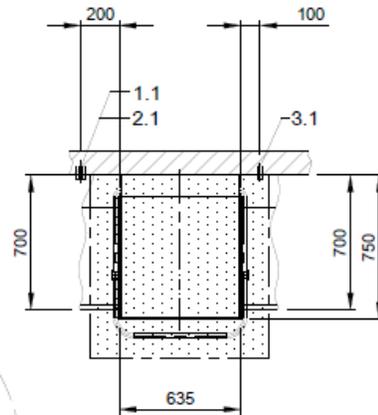
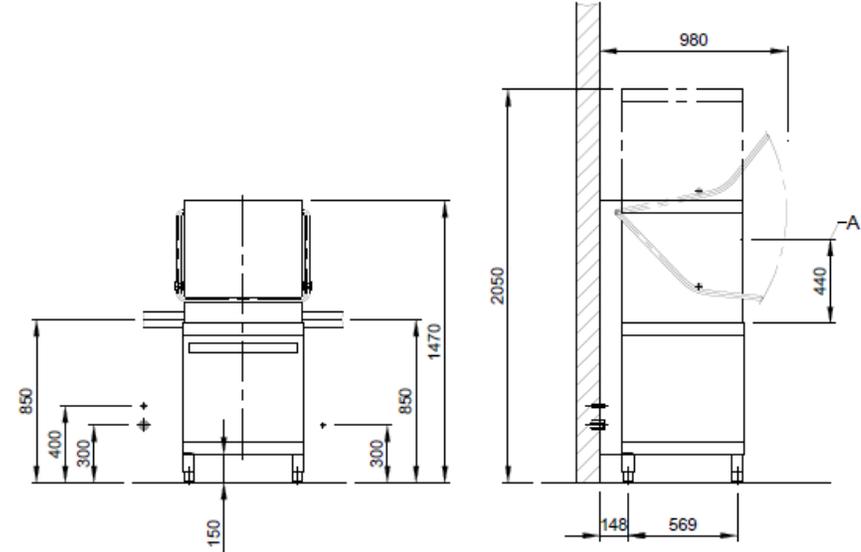
\*Note:  
Electrical equipment suitable for supply voltage:  
3N PE 400 V 60 HZ (3N PE 380-415 V 60 Hz)

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 <sub>3</sub> (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 <sup>2</sup>
3.1	electricity supply to the machine: 3N PE 400V ~ 60Hz nominal current / - capacity: 19.5 A / 12.6 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 10 programme cycles/h total 1.1 kW, perceptible 0.7 kW, latent 0.4 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  
Thermolabel



<p>MEIKO MIDDLE EAST FZE GoldDiamond Park, Building#6, office #206 P.O. Box 282365, U.A.E.-Dubai Phone +971 43 41 51 72 E-MAIL: wat@meiko.de</p> <p><small>This drawing may not be neither passed to third parties for their information or copied or used for competitive purposes without our consent. All rights reserved. We reserve the right to make changes resulting from technical progress. This drawing was computer generated and is not subject to the checking and any release process, it is also not subject to change management.</small></p> <p><small>Please note: This document is only valid in conjunction with the conditions defined in Supplementary Sheet "Important Information". These can be requested from the manufacturer or downloaded from the Partnernet.</small></p>	Revision			
	Reference	DISHWASHER STANDARD DRAWING / SAU	Type	UPSTER H 500 M2
	TYPE: CROCKERY		THERMOLABEL	
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SAU	EN	checked:	19.04.2020 m-iplan	