

## Tray dishwasher Metos TK-1600 with feeding from left to right



### Product information

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SKU	4246522
Product name	Tray dishwasher Metos TK-1600 with feeding from left to right
Dimensions	2575 × 805 × 2040/2120 mm
Weight	485,000 kg
Capacity	1500 trays per hour
Technical information	400 V, 80 A, 43,42 kW, 3NPE, 50 Hz, 77 dB CW: 3/4" HW: 3/4"

### Description

Metos KT1600 is a compact, small size tray dishwasher with high capacity and excellent washing and drying result. Tray washer comes with double wall structure as standard and it's highly effective heat recovery system results in low energy consumption and lower steam emission. In addition the drying of the trays is energy-efficient, thanks to the cold dryer with turbo blowers.

The maximum capacity of the tray washer is as high as 1500 trays per hour and the machine can wash GN1/1 dimensioned trays or trays with size up to 526x370 mm. The trays are fed on the long side into the machine with a maximum height of 350 mm. The loading system with trays washed in an upright position and the step by step feeding ensures that the

washing and drying functions are highly efficient. The tray washer is equipped with two speed traction system with built-in clutch. Built-in turbo blowers feed the air nozzles positioned both above and below the twin-cords, to remove any water residual and let the tray perfectly dried, ready to be used and/or stacked without any further manual drying. The tray accumulator by trolley lack allows for the piling up of about 10-15 trays during the trolley is full avoiding the machine stop.

Compact heat recovery unit allows cold water feeding by using the steam produced by the machine to preheat the water, with a consequent money and energy saving. The tray washer is equipped with auto-timer that switches the electrical optional (the twin-cords belt advancement is not stopped) in event of a lack of trays, in order to limit the energy costs.

Fully insulated stainless steel boilers reduce thermal losses. Counter-balanced and double skin insulated doors are equipped with anti-fall safety device. Cold dryer turbo-blowers are allowed to achieve the minimum percentage of humidity on the surfaces, thanks to a high pressure of the air vortex, and no need of heating elements.

Metos KT1600 tray washer is hygiene to use and gives an excellent washing result. The wash tanks with rounded corners guarantee a perfect hygiene. The overflow pipe allows the full draining of the wash tanks without removal. Non-return valve prevents the backflow of water avoiding any contamination of the water net in case of external depression. In addition the wash-arms with concave self cleaning nozzles are easy to remove for cleaning. Special advancement sloped twin-cords eases the removal of any solid residual on the tray allowing its complete rinse.

- Text display showing the ongoing wash cycle
- GN1/1 dimensioned trays of trays with size up 526x370 mm
- Max. height of the trays 350 mm
- Two speed traction system
- Tray accumulator
- Auto-timer
- Stainless steel boilers
- Insulated doors
- Cold dryer turbo-blowers
- Wash-arms with concave self cleaning nozzles
- Low energy consumption
- Distance of contact (DIN 10510) - 1320 mm / 12,34 s / 74V/h
- Wash tank capacity 110 litres
- Wash pump power 1,15 kW
- Wash pump capacity 450 l/min.
- Tank heating element 12 kWh
- Boiler heating element of the rinse 20kW
- Power of the turbines 6 kW

Optional (to be ordered separately):

- trolley for trays



- tray transportation system