SPD500

Type	Undercounter dishwashers
Crockery	Crockery; Glasses; Cutlery; GN1/1 trays
Basket dimensions	500x500 mm
Control panel	Mechanical
Standard drain pump with partial water renewal in the wash tank	Yes
Boiler type	Pressure boiler
Wash pump	Standard
Power connection	400 V 3N~ / 12 A / 6,8 kW / 50 Hz
Product dimensions WxDxH	578x600x814 mm



Aesthetics

Led color	**Series**	Ecoline

Technical Features

Trays number	7 x GN1/1
Trays washing option	Yes
Water consumption per cycle	3,2 l
Wash temperature (min-max)	60 °C
Rinse temperature (min-max)	83 °C
Min. water connection temperature	8°C
Minimum water consumption per cycle	3,2 l
Max. inlet temperature	60°C
Max water hardness	5°f - 3°dH
Inlet pressure	250-1000 kPa
Detergent load	1,5 l/h
Rinse load	0,4 l/h
Usable load height	340 mm
Depth with open door	1000 mm

Programs

Programs	2 automatic programs; Self-cleaning programs
Program table	Mechanical Ecoline dishwasher
Maximum basket/hour	40
Maximum dishes/hour	720
Maximum glasses/hour	1440

Electrical Connection

Tank heating element power	2000 W	**Default connection**	6800 W
Boiler heating element power	6100 W	**Optional electrical connection**	230 V 3~ / 19 A / 6,8 kW / 50 Hz ; 230 V~ / 15 A / 3,4 kW / 50 Hz ; 230 V~ / 20 A / 4,5 kW / 50 Hz
Wash pump power	700 W		

Interface

Number of buttons	4	**On/Off button**	Yes

Construction

Tank	Deep drawn	**Filter**	4-stages filter system
Construction	Partial double wall	**Tank capacity**	16 l
Tank material	Stainless steel AISI 304	**Boiler capacity**	6 l
Back panel	St/steel	**Noise**	Lpa 54,5 dBA
Upper washing system	One washing and one split rinse spray arms, stainless steel	**Protection class**	IPX4
		Adjustable feet	Yes
		Drain max. height	600 mm
Lower washing system	One washing and one combined rinse spray arms, stainless steel and plastic	**Power cable length**	180 cm
Tank filter	Plastic		
Door gasket	Only up		
Rack guides	Embossed		

Accessories Included

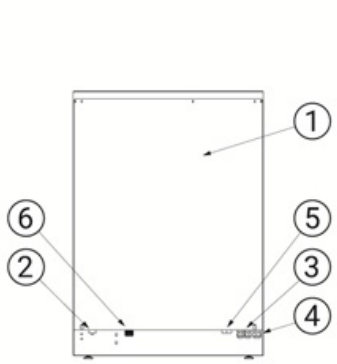
Dish basket	1x PB50D01	**Water supply hose**	Yes - 1,5m
Cutlery basket	1x PHOOS04	**Drain hose**	Yes - 2m
Flat basket	1x PB50G02		

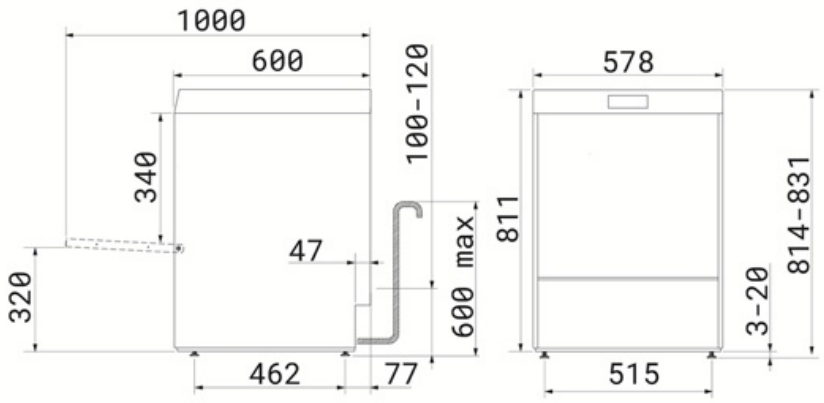
Equipments

Peristaltic detergent dispenser	Manual	**Stand-by system**	Yes
Peristaltic rinse-aid dispenser	Manual	**Water supply pipe diameter**	DN15 - ½”
Deafult chemicals dosing unit of measure	gr/lt	**Drain supply pipe diameter**	DN20-G 3/4"
Rinse boiler Thermostop system	Yes - default	**Detergent (red) hose length**	2,2m
Wash tank Thermostop system	Yes	**Rinse aid (blue) hose lenght**	2,2m
Wash pump soft start system	Yes		

Logistic Information

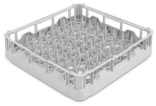
EAN code	8017709341688	**Net weight**	52,000 kg
Packed product dimensions (WxDxH)	660x700x990 mm	**Gross weight (kg)**	60,000 kg





1	PANNELLO RETRO - LOWER BACK PANEL
2	MORSETTO EQUIPOTENZIALE - EARTH TERMINAL
3	TUBI POMPE PERISTALTICHE - PERISTALTIC HOSES
4	CAVO ALIMENTAZIONE ELETTRICA - ELECTRICITY SUPPLY CABLE
5	TUBO DI SCARICO - DRAIN HOSE
6	TUBO DI CARICO - FILLER HOSE

Compatible Accessories



PB50D01

Polypylene basket for 18 plates, 500x500x105 mm



PHOOGR5

Glass basket for 500x500 mm glasswashers



PHOOS04

4 compartments polypropylene basket for cutlery



WB50G01

Universal wire basket with flat bottom, 500x500x123 mm



WB50G03

Wire basket for 72 mm diameter glasses with inclined bottom, 500x500x235 mm



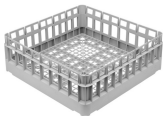
WB50PG5

Wire basket for no. 25 plastic glasses with flat bottom, 500x500x260 mm



WH00S01

Wire insert for 12 small dishes



PB50G02

Universal flat bottom polypropylene basket, 500x500x170 mm



PHOOS01

Polypropylene single basket for cutlery



WB50D01

Wire basket for 18 dishes 250 mm max. diameter or self service trays, 500X500 mm



WB50G02

Wire basket for 90 mm diameter max glasses with sloped bottom, 500x500x170 mm



WB50G04

Wire basket for glasses 135 mm diameter max, with sloped bottom, 500x500x170 mm



WB50T02

Wire basket for 7 trays GN1/1 h 20 mm, 500x500 mm



WS5

Underframe for glasswashers and dishwashers 500, 595x595x490 mm

Benefit (TT)

4-stage filtration system

Deep cleaning and spotless washes with the Patented 4-Stages Filtration System

The innovative Smeg filtration system consists of 4 stages to completely eliminate all impurities: the 1st stage captures larger food residues; in the 2nd stages, finer particles are captured at this filtration stage; the 3th stage features a pre-filtration grid to prevent debris from entering the tank and clouding the water. Finally, the last stage is designed to further protect the washing and draining pumps from any debris that may accidentally enter the tank during filter cleaning.

Moulded tank

Superior washing performance and enhanced cleaning convenience with molded tub bottoms and basket guides

Smeg dishwashers are designed with moulded tank and basket guides. The absence of sharp edges ensures an optimised wash flow, guaranteeing hygiene and impeccable cleaning performance. Furthermore, this innovative design simplifies machine cleaning, reducing the need for maintenance interventions.

Partial double skin

Optimised thermal and acoustic insulation

The double-skin design of the Ecoline features dual insulation on the door, top, and rear panel, while the side panels have a single layer of insulation. This structure optimises energy efficiency by minimising heat loss. Additionally, it provides effective acoustic insulation, helping to reduce noise levels and ensuring a quieter, more comfortable working environment for staff.

Drain pump

Partial water replacement during the wash cycle for clean and hygienic dishes

The standard drain pump, equipped with a partial water exchange system, ensures that the dirtiest water is automatically removed at every wash cycle. This mechanism allows for continuous renewal of the water used, ensuring that each phase of the washing process is carried out with clean water. The result is optimal dishwashing performance, with outstanding efficiency and an impeccable level of hygiene.

Soft-start system

Effective management of the washing pump to protect your glassware

The Soft-Start function initiates the wash cycle gently and gradually, progressively increasing the water pressure. This system has been designed to provide optimal protection for the most fragile items, such as crystal glasses, significantly reducing the risk of chipping or damage. At the same time, it ensures excellent cleaning performance, combining efficiency and safety in every wash cycle.

Mechanical Interface

Control panel with mechanical buttons

The mechanical version is equipped with 4 buttons: one for powering the appliance on and off, one for starting the wash cycle, one for selecting the cycle, and a button for draining the tank and initiating the final self-cleaning. The panel also includes two indicator lights that provide important information, such as low salt levels and the boiler status.