

# SPD500

Family	Professional dishwasher
Subfamily	Undercounter dishwashers
Basket dimensions	500x500 mm
Wash pump	Standard
Power connection	400 V 3N~ / 12 A / 6,8 kW / 50 Hz

## Target

Solutions	Hotels; Restaurants/Pubs; QSR
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## Aesthetics

Series	Ecoline	Led color	Red
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## Technical Features

Trays washing option	Yes	Max water hardness	12°F - 7°dH
Trays number	7 x GN 1/1 (530 x 325 mm)	Inlet pressure	250-1000 kPa
Water consumption per cycle	3,2 l	Detergent load	1,5 l/h
Wash temperature (min-max)	60 °C	Rinse load	0,4 l/h
Rinse temperature (min-max)	83 °C	Usable load height	340 mm
Minimum water consumption per cycle	3,2 l	Depth with open door	1000 mm
Min. water connection temperature	8°C	Product dimensions WxDxH	578x600x814 mm
Max. inlet temperature	60°C		

## Programs

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

## Electrical Connection

<b>Tank heating element power</b>	2000 W	<b>Default connection</b>	6800 W
<b>Boiler heating element power</b>	6100 W	<b>Optional electrical connection</b>	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
<b>Wash pump power</b>	700 W		

## Interface

<b>Number of buttons</b>	4	<b>On/Off button</b>	Yes
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## Construction

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

## Accessories Included

<b>Dish basket</b>	1x PB50D01	<b>Water supply hose</b>	Yes - 1,5m
<b>Cutlery basket</b>	1x PHOOS02	<b>Drain hose</b>	Yes - 2m
<b>Flat basket</b>	1x PB50G02		

## Equipments

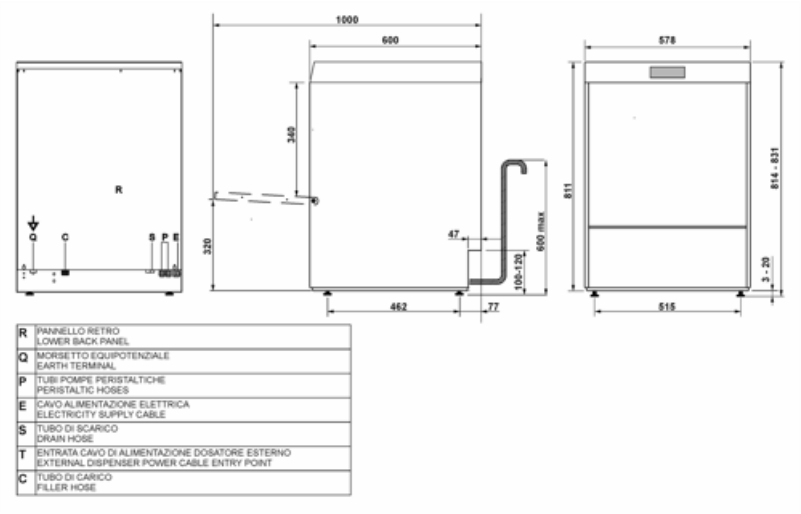
<b>Drain pump</b>	Yes	<b>Stand-by system</b>	Yes
<b>Peristaltic detergent dispenser</b>	Manual	<b>Partial renewal of water in the tank and built-in drain pump</b>	Yes
<b>Peristaltic rinse-aid dispenser</b>	Manual	<b>Water supply pipe diameter</b>	DN15 - ½"
<b>Default chemicals dosing unit of measure</b>	gr/lt	<b>Drain supply pipe diameter</b>	DN20-G 3/4"
<b>Rinse boiler Thermostop system</b>	Yes - default		

Wash tank Thermostop system	Yes
Wash pump soft start system	Yes

Detergent (red) hose lenght	2,2m
Rinse aid (blue) hose lenght	2,2m

## Logistic Information

Width packed product	660 mm	Packed product dimensions	990X660X700
Depth packed product	700 mm	Net weight	52,000 kg
Height packed product	990 mm	Gross weight (kg)	60,000

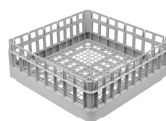


## Compatible Accessories



### PB50D01

Polypylene basket for 18 plates,  
500x500x105 mm



### PB50G02

Universal flat bottom polypropylene  
basket, 500x500x170 mm



### PB50T01

Polypropylene basket for 8 trays GN 1/1  
h 40 mm



### PHOGR5

Glass basket for 500x500 mm  
glasswashers



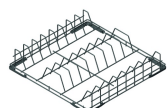
### PHOOS01

Polypropylene single basket for cutlery



### PHOOS02

6 compartments polypropylene  
basket for cutlery



### WB50D01

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



### WB50G01

Universal wire basket with flat  
bottom, 500x500x123 mm



### WB50G02

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



### WB50G03

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



### WB50G04

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



### WB50PG5

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



### WB50T02

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



### WH00S01

Wire insert for 12 small dishes



### WS5

Underframe for glasswashers and  
dishwashers 500, 595x595x490 mm

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## Symbols glossary

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SUITABLE FOR GASTRONORM TRAY



4 STAND FILTER



MAX.USABLE HEIGHT 340mm

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## Benefit (TT)

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### 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.

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## 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.