

# SPD500

<b>Family</b>	Professional dishwasher
<b>Subfamily</b>	Undercounter
<b>Type</b>	Undercounter dishwashers
<b>Crockery</b>	Crockery; Glasses; Cutlery; GN1/1 trays
<b>Basket dimensions</b>	500x500 mm
<b>Control panel</b>	Mechanical
<b>Wash pump</b>	Standard
<b>Power connection</b>	400 V 3N~ / 12 A / 6,8 kW / 50 Hz
<b>Product dimensions (WxDxH)</b>	578x600x814 mm



## Aesthetics

<b>Led color</b>	Red	<b>Series</b>	Ecoline
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## Technical Features

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

## Programs

<b>Programs</b>	2 automatic programs; Self-cleaning programs
<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-skin	<b>Filter</b>	4-stage filter system
<b>Tank material</b>	Stainless steel AISI 304	<b>Tank capacity</b>	16 l
<b>Back panel</b>	Galvanized	<b>Boiler capacity</b>	6 l
<b>Upper wash system</b>	One wash and one split rinse spray arms, stainless steel	<b>Boiler type</b>	Pressure boiler
<b>Lower wash system</b>	One wash 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>Rack guides</b>	Embossed	<b>Drain max. height</b>	600 mm

## Accessories included

<b>Dish basket</b>	1x PB50D01	<b>Water supply hose</b>	Yes - 1,5 m
<b>Cutlery basket</b>	1x PHOOS04	<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 - 1/2"
<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	<b>Detergent (red) hose lenght</b>	2,2 m
<b>Wash tank Thermostop system</b>	Yes	<b>Rinse aid (blue) hose lenght</b>	2,2 m
<b>Wash pump soft start system</b>	Yes		

## Logistic Information

**EAN code**

8017709341688

**Net weight**

52,000 kg

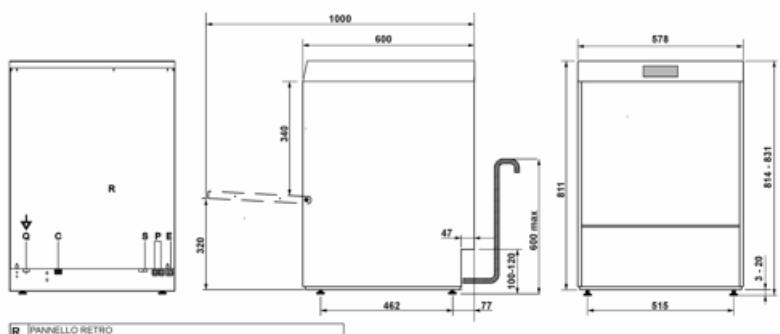
**Packed product**

990x660x700 mm

**Gross weight**

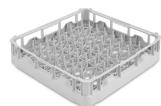
60,000 kg

**dimensions (WxDxH)**



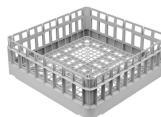
<b>R</b>	PANNELLO RETRO LOWER BACK PANEL
<b>Q</b>	MORSETTO EQUIPOSSUALE EARTH TERMINAL
<b>P</b>	POPEE PERISTALTICHE PERISTALTIC HOSES
<b>E</b>	CAVO ALIMENTAZIONE ELETTRICA ELECTRICITY SUPPLY CABLE
<b>S</b>	TUBO DI SCARICO DRAIN HOSE
<b>T</b>	ENTRATA CAVO DI ALIMENTAZIONE DOSATORE ESTERNO DISPENSER POWER CABLE ENTRY POINT
<b>C</b>	TUBO DI CARICO FILLER HOSE

## Compatible Accessories



**PB50D01**

Polypropylene basket for 18 plates  
 Ø250 mm max, dim. (WxDxH)  
 500x500x105 mm



**PB50G02**

Universal flat bottom polypropylene  
 basket, internal height 150 mm, dim.  
 (WxDxH) 500x500x170 mm



**PHOOGR5**

Tilted glass insert for basket PB50G02  
 500x500 mm, configurable with 4 units  
 of 5 glasses each (first line Ø max 110  
 mm, lines 2-4 Ø max 95 mm), or 5 units  
 of 5 glasses each (first line Ø max 95  
 mm, lines 2-5 Ø max 75 mm)



**PHOOS01**

Polypropylene single basket for  
 cutlery



**PHOOS04**

4 compartments polypropylene basket  
 for cutlery



**WB50D01**

Wire basket for 18 dishes Ø250 mm  
 max or trays h 370 mm, dim. (WxDxH)  
 500x500x92 mm



**WB50G01**

Universal wire basket with flat bottom,  
 internal height 120 mm, dim. (WxDxH)  
 500x500x130 mm



**WB50G02**

Wire basket with sloped bottom for  
 25 glasses Ø90 mm max, dim.  
 (WxDxH) 500x500x170 mm



**WB50G03**

Wire basket with sloped bottom for  
 glasses Ø72 mm max, dim. (WxDxH)  
 500x500x235 mm



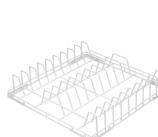
**WB50G04**

Wire basket with sloped bottom for  
 12 glasses Ø110 mm max, dim.  
 (WxDxH) 500x500x165 mm



**WB50PG5**

Wire basket with flat bottom for 25  
 plastic glasses, max. H 230 mm, min.-  
 max. Ø 36-95 mm, dim. (WxDxH)  
 500x500x260 mm



**WB50T02**

Wire basket for 7 trays GN1/1 h 20  
 mm, dim. (WxD) 500x500 mm



**WH00S01**

Wire insert for 17 small dishes, width  
 100 mm, for flat bottom baskets  
 500x500 and 600x500 mm



**WS5**

Stainless steel underframe for  
 undercounter glasswashers and  
 dishwashers 500 mm, dim. (WxDxH)  
 595x595x490 mm

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## Symbols glossary

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SUITABLE FOR GASTRONORM TRAY



4 STAND FILTER



MAX.USABLE HEIGHT 340mm

## 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 3rd 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 Ecoline undercounter dishwashers are equipped with a partial double-skin structure that 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.