

# SPH505

Family	Professional dishwasher
Type	Hoodtype dishwashers
Basket dimensions	500x500 mm
Control panel	Electronic
Rinse pump	HTR system
Wash pump	Standard
Power connection	400 V 3N~ / 16 A / 9,7 kW / 50 Hz
Product dimensions WxDxH	634x750x1523 mm



## Target

Industries	Bar / Cafeterias / Bistros / Wine bars / Pubs; Hotels; Ristoranti / Catering; Catering; Food retail; QSR
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## Aesthetics

Led color	Red	Series	Ecoline
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## Technical Features

Water consumption per cycle	3,2 l	Inlet pressure	100-1000 kPa
Min. water connection temperature	8°C	Detergent load	1,5 l/h
Minimum water consumption per cycle	3,2 l	Rinse load	0,4 l/h
Max. inlet temperature	60°C	Usable load height	470 mm
Max water hardness	12°f - 7°dH	Maximum height with open hood	2138 mm

## Programs

Programs	3 automatic programs; Self-cleaning programs
Program options	Extra rinse; Clean water cycle
Maximum basket/hour	40
Maximum dishes/hour	720

Maximum glasses/hour 1440

## Electrical Connection

Tank heating element power	2200 W	Default connection	9700 W
Boiler heating element power	9000 W	Optional electrical connection	230 V 3~ / 28 A / 9,7 kW / 50 Hz; 230 V~ / 16 A / 3,7 kW / 50 Hz ; 230 V~ / 29 A / 6,7 kW / 50 Hz
Wash pump power	700 W		

## Interface

Display	4 digit	Cycle progress alert	Yes
Number of buttons	5	End-cycle alert	Yes
On/Off button	Yes	Manual diagnostic	Yes

## Construction

Tank Construction	Deep drawn Partial double wall	Hood elevation system	Manual
Tank material	Stainless steel AISI 304	Filter	5-stages filter system
Back panel	Prepainted	Tank capacity	14 l
Upper washing system	One washing and one split rinse spray arms, stainless steel	Boiler capacity	10 l
Lower washing system	One washing and one split rinse spray arms, stainless steel	Protection class	IPX4
Tank filter	Stainless steel	Adjustable feet	Yes
		Drain max. height	1000 mm

## Accessories Included

Dish basket	1x PB50D01	Water supply hose	Yes - 2m
Cutlery basket	1x PHOOS02	Drain hose	Yes - 2m
Flat basket	1x PB50G02		

## Equipments

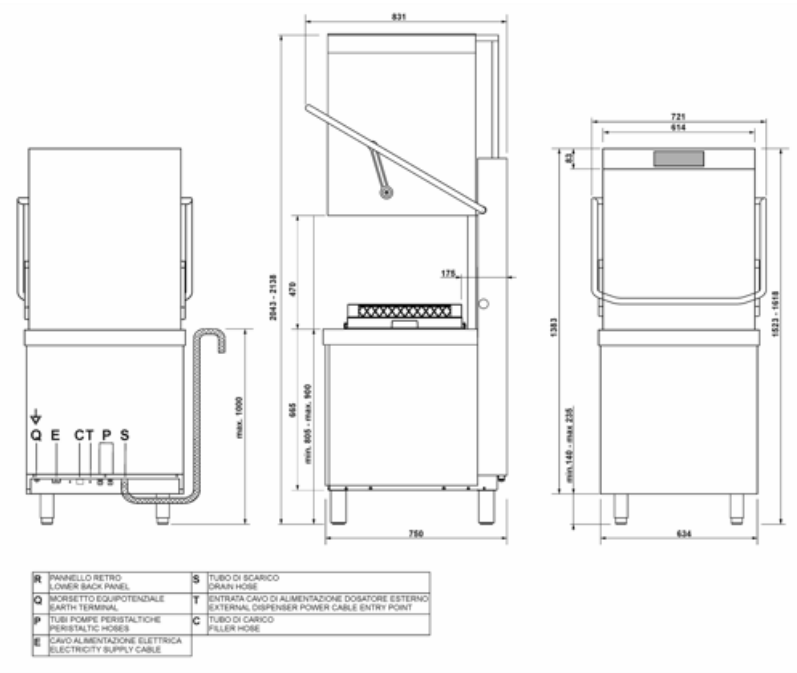
Drain pump	Yes	Option for auto daily switch on	Yes, default OFF
Peristaltic detergent dispenser	Electronic control	Cycle counter	Yes
Peristaltic rinse-aid dispenser	Electronic control	Break tank	Yes
Default chemicals dosing unit of measure	gr/lt	Partial renewal of water in the tank and built-in drain pump	Yes
Rinse boiler Thermostop system	Yes - default	Water supply pipe diameter	DN15 - ½"
		Drain supply pipe diameter	DN20-G 3/4"

Wash tank Thermostop system	Yes
Wash pump soft start system	Yes
Stand-by system	Yes

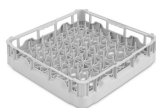
Detergent (red) hose lenght	2,2m
Rinse aid (blue) hose lenght	2,2m

## Logistic Information

EAN code	8017709323172	Net weight	118.000 kg
Packed product dimensions (WxDxH)	1700x700x900 mm	Gross weight (kg)	137.000 kg



## Compatible Accessories



### PB50D01

Polypylene basket for 18 plates,  
500x500x105 mm



### PHOOS01

Polypropylene single basket for cutlery



### PHOOS03

8 compartments polypropylene basket  
for cutlery suggested for hoodtype



### 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



### PB50G01

Universal polypropylene basket,  
500x500x100 mm



### PHOOS02

6 compartments polypropylene  
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

## Symbols glossary

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SUITABLE FOR GASTRONORM TRAY



HTR RINSING SYSTEM



5 STAGE FILTER



MAX. USABLE HEIGHT 470mm

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## Benefit (TT)

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### Interface

Control panel with electronic buttons

The electronic control panel features an intuitive interface with soft-touch buttons, allowing easy selection of one of the three wash programmes: short, medium, or intensive. There are also buttons for power, selection, and cycle start. The display provides real-time monitoring of the tank and boiler temperature, as well as diagnostics, ensuring effortless and immediate control of the main functions.

### 5-stage system

Deep cleaning and spotless washes with the patented filtration system

The innovative Smeg filtration system consists of 5 stages to completely eliminate all impurities: the 1st stage captures larger food residues; in the 2nd and 3rd stages, finer particles are captured at this filtration stage; the 4th 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.

The presence sensor filter alerts if the filtration system is out of position, ensuring safe washes every time.

### HTR System

Consistent temperatures and pressures for uniform and effective dishwashing

Thanks to the HTR system (High Temperature Rinse) and the presence of the atmospheric boiler combined with the Thermostop, the cold inlet water does not enter the boiler during rinsing, ensuring a constant temperature of 85°C. The HTR system keeps the water hot for deep sanitisation and quick drying, ensuring constant pressure for uniform and effective 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.

### **Hood lift**

Unprecedented comfort with the patented lifting system

The new ergonomic handle, combined with the patented lifting system, minimises the effort required to open and close the hood, limiting it to just 2.5 kg. This system ensures an exceptionally smooth and lightweight operation, helping to protect the operator's health and well-being, even during extended use.