

# SPH505

Product Family	Dishwasher
Subfamily	Hoodtype dishwasher
Line	Ecoline
Basket dimensions	500x500 mm
Rinse pump	HTR system
Wash pump	Standard
Default power supply	400 V 3N~ / 16 A / 9,7 kW / 50 Hz



## Target

Potential users	Bars/Cafes; Hotels; Restaurants/Catering; Butcher's shops; Schools; QSR
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## Aesthetics

Series	Ecoline	Led colour	Red
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## Technical Features

Water consumption per cycle	3,2 l	Detergent flow rate	1.5 l/h
Minimum water consumption per cycle	3,2 l	Rinse aid flow rate	0.4 l/h
Warm water connection	8°C	Usable load height	470 mm
Max. inlet temperature	60°C	Maximum height with hood open	2138 mm
Max water hardness	12°f - 7°dH	Dimensions	634x750x1523 mm
Water inlet pressure	100-1000 kPa		

## Programmes

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

Maximum glasses/hour 1440

## Electrical Connection

Tank heating element power	2200 W	Default connection	9700 W
Boiler heating element power	9000 W	Electrical connection options	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 indicator	Yes
Number of buttons	5	End of cycle indicator	Yes
On/off indicator	Yes	Manual diagnostics	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	Galvanised	Wash 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

Plate basket	PB50D01	Water supply pipe	Yes - 2m
Cutlery basket	PHOOS02	Drain pipe	Yes - 2m
Flat basket	PB50G02		

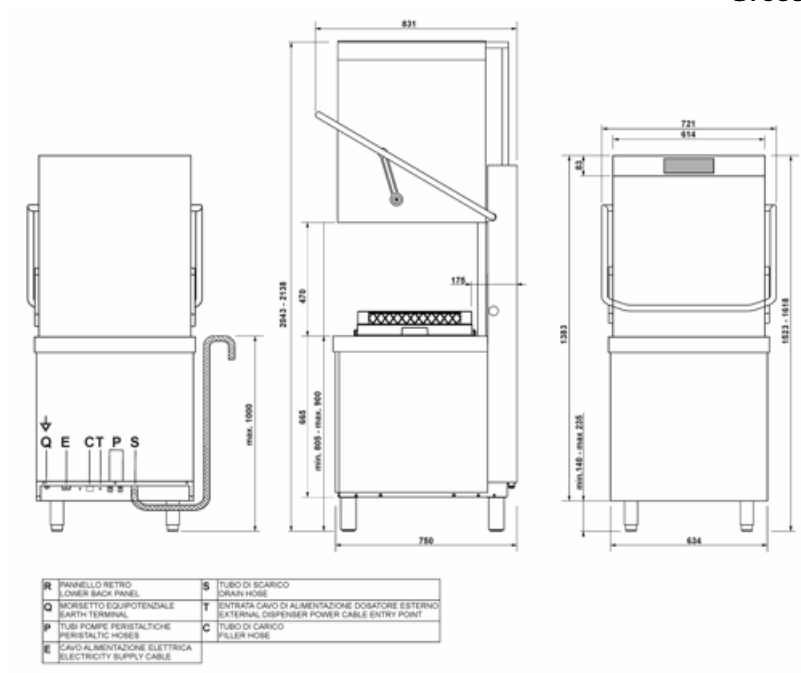
## Equipment

Drain pump	Yes	Option for auto daily switch on	Yes
Peristaltic detergent dispenser	Yes, electronic control	Cycle counter	Yes
Peristaltic rinse-aid dispenser	Yes, electronic control	Break tank	Yes
Chemical dosing	gr/lt	Partial water exchange in the wash tank via built-in drain pump	Yes
Rinse boiler Thermostop system	Yes - default	Water supply pipe diameter	16 mm
Wash tank Thermostop system	Yes	Drain supply pipe diameter	21.5 mm

Wash pump soft start system	Yes	Detergent (red) hose length	Yes, manual
Stand-by system	Yes	Rinse aid (blue) hose length	Yes, manual

## Logistic Information

Packed width	700 mm	Dimensions of the packed product (mm)	1700X700X900
Packaged depth	900 mm	Net weight (kg)	118,000 kg
Height (mm) packed	1700 mm	Gross weight (kg)	137,000



## Compatible Accessories



### PB50D01

Basket made of polypylene for 18 plates  
500x500



### PHOOS01

Single basket in polypropylene for  
cutlery



### PHOOS03

Basket in polypropylene with 6  
compartment for cutlery for Capote



### WB50G01

Universal wire basket with flat bottom  
500x500



### WB50G03

Wire basket for glasses with inclined  
bottom 500x500



### WB50PG5

Wire basket with flat bottom for 25  
plastic glasses, dim. (WxDxH)  
500x500x260 mm



### WH00S01

Wire insert for 12 small dishes



### WT51200SHR

Entry table right side 1200mm



### WT51200SR

Entry table right side 1200mm



### WT5700SR

Entry table right side 700mm



### PB50G01

Universal basket in polypropylene  
500x500



### PHOOS02

Basket in polypropylene for cutlery  
with 6 compartments



### WB50D01

Wire basket for 18 dishes and trays  
500x500



### WB50G02

Wire basket for glasses with inclined  
bottom 500x500



### WB50G04

Wire basket for glasses with inclined  
bottom 500x500



### WB50T02

Wire basket for 5 trays 600x500



### WT51200SHL

Entry table left side 1200mm



### WT51200SL

Entry table left side 1200mm



### WT5700SL

Entry table left side 700mm



### WTX51200

Exit table both sides 1200mm

**WTX51200L**

Exit table lefts side 1200mm

**WTX51200R**

Exit table right side 1200mm

**WTX5700**

Exit table both sides 700mm

**WTX5700L**

Exit table left side 700mm

**WTX5700R**

Exit table right side 700mm

## Symbols glossary

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Suitable for 1/1GN trays



HTR rinsing system



MAX. USABLE HEIGHT 470mm



5 STAGE FILTER

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## Benefit

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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.