SPH505

Type	Hoodtype dishwashers
Basket dimensions	500x500 mm
Control panel	Electronic
Standard drain pump with partial water renewal in the wash tank	Yes
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

Aesthetics

Led color	Red	**Series**	Ecoline

Technical Features

Water consumption per cycle	3,2 l
Min. water connection temperature	8°C
Minimum water consumption per cycle	3,2 l
Max. inlet temperature	60°C
Max water hardness	12°f - 7°dH
Inlet pressure	100-1000 kPa
Detergent load	1,5 l/h
Rinse load	0,4 l/h
Usable load height	470 mm
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	Deep drawn	**Hood elevation system**	Manual
Construction	Partial double wall	**Filter**	5-stages filter system
Tank material	Stainless steel AISI 304	**Tank capacity**	14 l
Back panel	Prepainted	**Boiler capacity**	10 l
Upper washing system	One washing and one split rinse spray arms, stainless steel	**Protection class**	IPX4
		Adjustable feet	Yes
		Drain max. height	1000 mm
Lower washing system	One washing and one split rinse spray arms, stainless steel		
Tank filter	Stainless steel		

Accessories Included

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

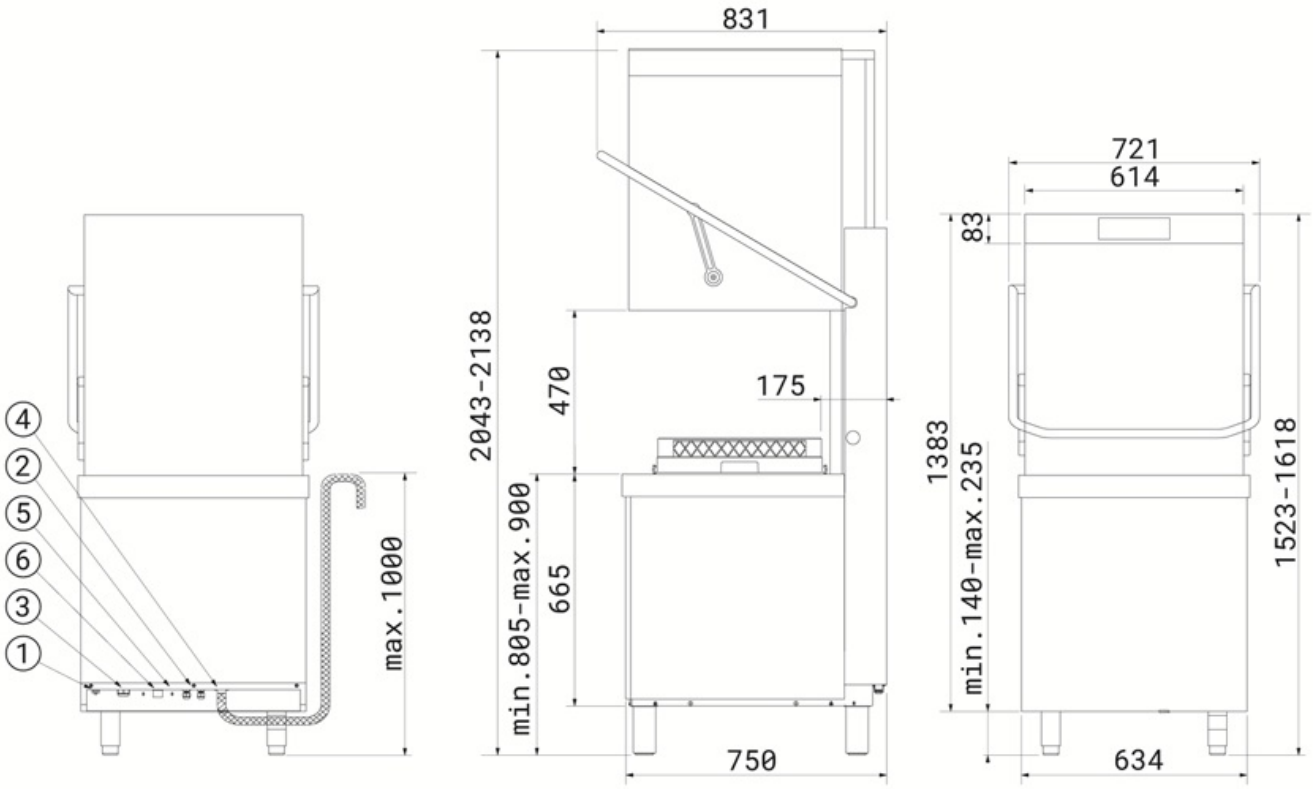
Equipments

Peristaltic detergent dispenser	Electronic control	**Option for auto daily switch on**	Yes, default OFF
Peristaltic rinse-aid dispenser	Electronic control	**Cycle counter**	Yes
		Break tank	Yes
Deafult chemicals dosing unit of measure	gr/lt	**Water supply pipe diameter**	DN15 - ½”
Rinse boiler Thermostop system	Yes - default	**Drain supply pipe diameter**	DN20-G 3/4"
Wash tank Thermostop system	Yes	**Detergent (red) hose length**	2,2m

Wash pump soft start system	Yes	**Rinse aid (blue) hose lenght**	2,2m
Stand-by system	Yes		

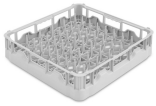
Logistic Information

EAN code	8017709323172	**Net weight**	118.000 kg
Packed product dimensions (WxDxH)	700x900x1700 mm	**Gross weight (kg)**	137.000 kg



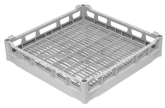
1	MORSETTO EQUIPOTENZIALE - EARTH TERMINAL
2	TUBI POMPE PERISTALTICHE - PERISTALTIC HOSES
3	CAVO ALIMENTAZIONE ELETTRICA - ELECTRICITY SUPPLY CABLE
4	TUBO DI SCARICO - DRAIN HOSE
5	ENTRATA CAVO DI ALIMENTAZIONE DOSATORE ESTERNO - EXTERNAL DISPENSER POWER CABLE ENTRY POINT
6	TUBO DI CARICO - FILLER HOSE

Compatible Accessories



PB50D01

Polypylene basket for 18 plates, 500x500x105 mm



PB50G01

Universal polypropylene basket, 500x500x100 mm

PHOOS01

Polypropylene single basket for cutlery

PHOOS02

6 compartments polypropylene basket for cutlery

PHOOS03

8 compartments polypropylene basket for cutlery suggested for hoodtype

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

Benefit (TT)

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.