

SPF516S

Family	Professional dishwasher
Subfamily	Undercounter traywasher
Type	Raised
Basket dimensions	500x500 mm
Rinse pump	HTR system
Wash pump	Standard
Power connection	400 V 3N~ / 12 A / 7,3 kW / 50 Hz



Target

Solutions	Hotels; Restaurants/Pubs; Bakery/Pastry making; Frozen bakery industry; Food retail; Other food industry; Catering and Institutions; QSR
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Aesthetics

Series	Easyline	Led color	Green
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Technical Features

Trays washing option	Yes	Inlet pressure	100-1000 kPa (min-max)
Trays number	7 x GN 1/1 (530 x 325 mm); 6 x EN 1/1 (600 x 400 mm)	Detergent load	1,5 l/h
Water consumption per cycle	3,2 l	Rinse load	0,4 l/h
Minimum water consumption per cycle	3,2 l	Usable load height	400 mm
Min. water connection temperature	5°C	Depth with open door	1290 mm
Max. inlet temperature	60°C	Maximum dishes diameter	415 mm
Max water hardness	54°f - 30°dH	Product dimensions WxDxH	600x690x1315 mm

Programs

Programs	6 automatic programs; 1 fully customizable program; Self-cleaning programs
Program options	Extra rinse; Clean water cycle
Program table	Easyline dishwasher and traywasher 500
Maximum basket/hour	51
Maximum dishes/hour	720
Maximum glasses/hour	2160

Electrical Connection

Plug	Not present	Wash pump power	700 W
Tank heating element power	2000 W	Default connection	7300 W
Boiler heating element power	6100 W	Optional electrical connection	230 V 3~ / 19 A / 6,7 kW / 50 Hz; 230 V~ / 12 A / 2,7 kW / 50 Hz; 230 V~ / 16 A / 3,7 kW / 50 Hz; 230 V~ / 21 A / 4,7 kW / 50 Hz

Interface

Display	8 digit	Detergent missing alert	Yes
On/Off button	Yes	Cycle progress alert	Yes
Salt alert	Yes	End-cycle alert	Yes
Rinse aid missing alert	Yes	Manual diagnostic	Yes

Construction

Tank Construction	Deep drawn Integral double-skin	Rack guides	Embossed
Tank material	Stainless steel AISI 304	Filter	5-stage filter system
Back panel	Galvanized	Tank capacity	11 l
Balanced door	Yes	Boiler capacity	6,5 l
Upper wash system	One wash and one split rinse spray arms, stainless steel	Noise	Lpa 54,5 dBA
Lower wash system	One wash and one split rinse spray arms, stainless steel	Protection class	IPX4
Tank filter	Stainless steel	Adjustable feet	Yes
Door gasket	On 3 sides	Drain max. height	600 mm

Accessories included

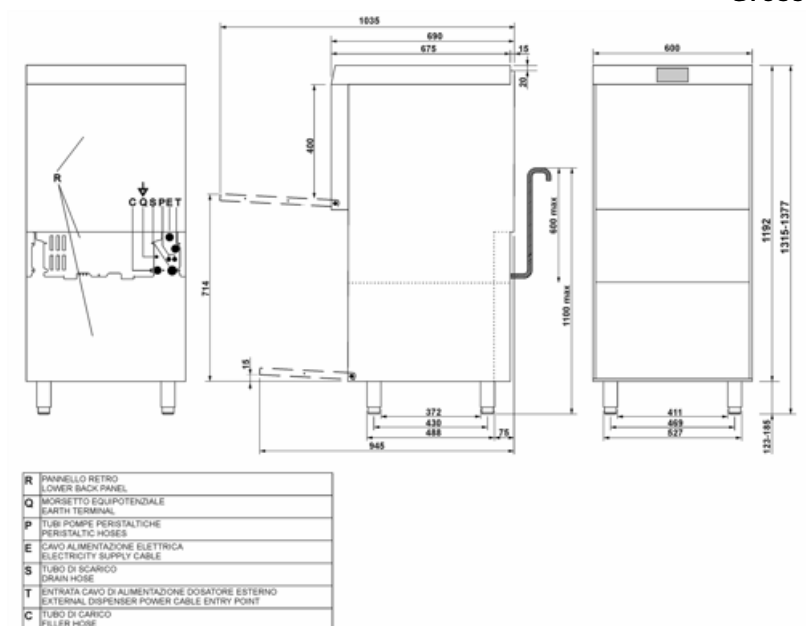
Cutlery basket	1x PHOOS02	Water supply hose	Yes - 2m
Flat basket	1x PB50G02	Drain hose	Yes - 2m

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
Chemicals level probe	Yes, with optional kit KITSONLIV	Partial renewal of water in the tank and built-in drain pump	Yes
Automatic built softener	Yes	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 lenght	2,2m
Wash pump soft start system	Yes	Rinse aid (blue) hose lenght	2,2m
Stand-by system	Yes		

Logistic Information

Width packed product	660 mm	Packed product dimensions	1470X660X700
Depth packed product	700 mm	Net weight	91,000 kg
Height packed product	1470 mm	Gross weight (kg)	101,000



Compatible Accessories

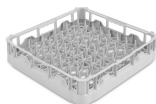
KITSONLIV

Probe level kit



PB50D01

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



PHOOS01

Polypropylene single basket for cutlery



WB50D01

Wire basket for 18 dishes Ø250 mm. or
self service trays, dim. (WxDxH)
500X500x92 mm



WB50T03

Wire basket for 6 trays GN1/1 h 60 mm
and EN 600x400 mm

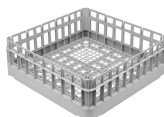


KIT-WG500

Trays holder for trays washer

PB50G02

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



PHOOS02

6 compartment polypropylene basket
for cutlery



WB50T02

Wire basket for 7 trays GN1/1 h 20
mm



WH00S01

Wire insert for 12 small dishes



Symbols glossary



SUITABLE FOR EURONORM TRAY



SUITABLE FOR GASTRONORM
TRAY



HTR RINSING SYSTEM



MAX. USABLE HEIGHT 400mm



5 STAGE FILTER

Benefit (TT)

Balanced door

Effortless opening and closing

The counterbalanced door is designed to ensure smooth and effortless opening and closing, providing high user convenience. Additionally, it can be locked in a halfway position, a particularly useful feature for promoting natural drying at the end of the workday, enhancing overall hygiene and preventing the buildup of residual moisture.

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.

Integrated softener

Effective water treatment for consistently sparkling glasses

The integrated continuous regeneration water softener ensures effective water treatment, enhancing washing performance and preserving the machine's operational lifespan. The resin regeneration process takes place during the wash cycle without interruptions, providing constant control over water hardness. This system prevents limescale buildup, maximises detergent efficiency, and guarantees spotless results on glassware and dishes.

Integral double-skin

Thermal and acoustic insulation guaranteed

The double-skin design of undercounter dishwashers is engineered to optimise energy efficiency by minimising heat loss and accelerating water heating, resulting in lower energy consumption and faster start-up times. Additionally, it provides effective sound 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.

Raised version

Easy and fast dishwasher loading and unloading operations

The raised design facilitates loading and unloading dishes, making these tasks faster and more efficient. This results in significant time savings, especially valuable in high-intensity work environments. The space below the dishwasher can be used to store detergents, utensils, or other accessories, providing a practical solution to optimise space usage, particularly in compact kitchens.

Euronorm

Compatibility with EN 600x400 mm trays

These models offer great versatility, with the ability to wash up to 6 Euronorm 600x400 mm trays. These features make the products extremely useful for a wide range of activities, such as pizzerias, bakeries, bistros, catering, restaurants, and cafés.