

# SPF516S

<b>Family</b>	Professional dishwasher
<b>Subfamily</b>	Raised
<b>Type</b>	Raised traywasher
<b>Crockery</b>	Crockery; Cutlery; EN 600x400 trays; GN1/1 trays
<b>Basket dimensions</b>	500x500 mm
<b>Control panel</b>	Electronic
<b>Standard drain pump with partial water renewal in the wash tank</b>	Yes
<b>Rinse pump</b>	HTR system
<b>Boiler type</b>	Atmosferic boiler
<b>Wash pump</b>	Standard
<b>Power connection</b>	400 V 3N~ / 12 A / 7,3 kW / 50 Hz
<b>Product dimensions (WxDxH)</b>	600x690x1315 mm



## Target

<b>Industries</b>	Hotels; Restaurants; Bakeries / Pastry shops; Care facilities ; Catering; Commercial food services; Butcher shops / Delicatessens
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## Aesthetics

<b>Led color</b>	Green	<b>Series</b>	Easyline
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## Technical Features

<b>Trays number</b>	7 x GN1/1; 6 x EN 600x400	<b>Inlet pressure</b>	100-1000 kPa (min-max)
<b>Trays washing option</b>	Yes	<b>Detergent load</b>	1,5 l/h
<b>Water consumption per cycle</b>	3,2 l	<b>Rinse load</b>	0,4 l/h
<b>Min. water connection temperature</b>	5°C	<b>Usable load height</b>	400 mm
<b>Minimum water consumption per cycle</b>	3,2 l	<b>Depth with open door</b>	1290 mm
<b>Max. inlet temperature</b>	60°C	<b>Maximum dishes diameter</b>	415 mm
<b>Max water hardness</b>	60°f - 34°dH		

## Programs

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

## Electrical Connection

<b>Tank heating element power</b>	2000 W	<b>Default connection</b>	7300 W
<b>Boiler heating element power</b>	6100 W	<b>Optional electrical connection</b>	220 V 3~ / 19 A / 6,8 kW / 60 Hz; 220 V 3~ / 19 A / 7,3 kW / 60 Hz; 230 V~ / 15 A / 3,4 kW / 50 Hz; 230 V~ / 17 A / 3,9 kW / 50 Hz; 230 V~ / 20 A / 4,5 kW / 50 Hz; 230 V~ / 22 A / 5,0 kW / 50 Hz; 400 V 3N~ / 12 A / 6,8 kW / 50 Hz
<b>Wash pump power</b>	700 W	<b>Plug</b>	Not present

## Interface

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

## Construction

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

## Accessories included

<b>Cutlery basket</b>	1x PHOOS04	<b>Water supply hose</b>	Yes - 2 m
<b>Flat basket</b>	1x PB50G02	<b>Drain hose</b>	Yes - 2m

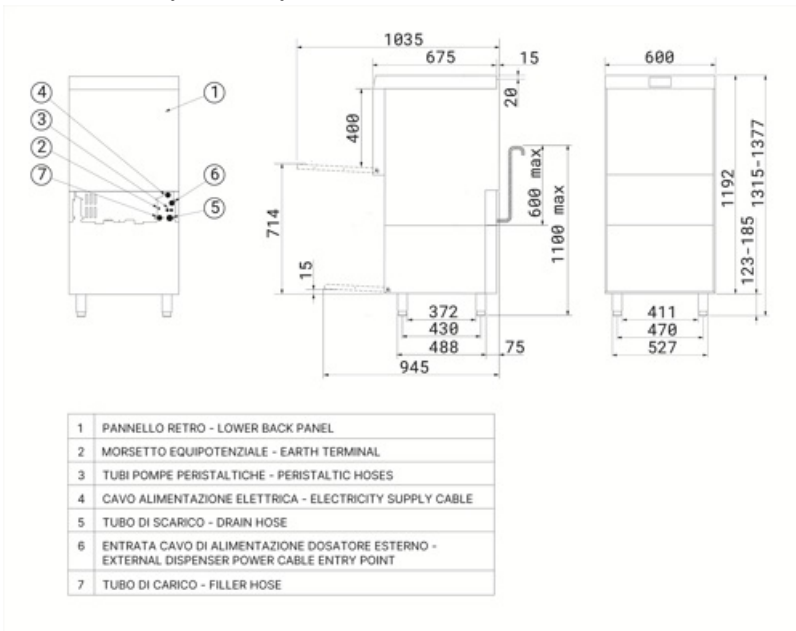
Grids 1 x KIT-WG500

## Equipments

Peristaltic detergent dispenser	Electronic control	Option for auto daily switch on	Yes, default OFF
Peristaltic rinse-aid dispenser	Electronic control	Cycle counter	Yes
Chemicals level probe	Yes, with optional kit KITSONLIV	Break tank	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 length	2,2 m
Wash pump soft start system	Yes	Rinse aid (blue) hose length	2,2 m
Stand-by system	Yes		

## Logistic Information

EAN code	8017709345747	Net weight	91,000 kg
Packed product dimensions (WxDxH)	660x700x1470 mm	Gross weight	101,000 kg



## Compatible Accessories

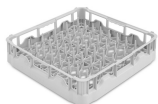
### KITSONLIV

Probe level kit



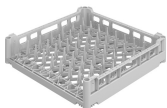
### PB50D01

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



### PB50T01

Polypropylene basket for 8 trays GN 1/1  
h 40 mm for traywasher and hood-type  
models. Vertical row spacing 68 mm and  
horizontal row spacing 54 mm, dim.  
(WxDxH) 500x500x105 mm



### PHOOS04

4 compartments polypropylene basket  
for cutlery



### WB50T02

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



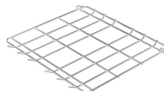
### WH00S01

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



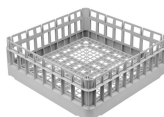
### KIT-WG500

Support grid for tray washer, dim.  
(WxD) 500x500 mm



### PB50G02

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



### PHOOS01

Polypropylene single basket for  
cutlery



### WB50D01

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



### WB50T03

Wire basket for 6 trays GN1/1 h 60  
mm and EN 600x400 mm for double-  
skin model. 64 mm row spacing, dim.  
(WxDxH) 500x500x206 mm



## Benefit (TT)

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### 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.

### 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 rinsing temperature according to the program setting. 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.