



PROFESSIONAL DISHWASHERS
SERIES ECOLINE



PERFORMING EXCELLENCE

Offering top performance for modern catering:
Smeg Foodservice is SMEG division dedicated to the
needs of professionals of the sector.

A great technological expertise in appliance planning and
manufacturing creates innovating solutions for top comfort
in work premises, with excellent results every time.



PROFESSIONAL DISHWASHERS

The new range of professional dishwashers is a natural evolution of over 40 years of experience in designing and manufacturing dishwashers. They are completely made in Italy and intended for bars, restaurants and communities.

Thanks to an advanced washing system, they ensure reduced consumption, quality results and guaranteed hygiene. All combined with the SMEG distinctive design.



PROFESSIONAL WASHING

ECOLINE series

The new ECOLINE range of commercial dishwashers is completely Made in Italy and intended for bars, restaurants and communities.

Improved performances thanks to an advanced washing technology and a new combined wash and rinse arm.

SMEG's dishwashers guarantee low consumption, quality results and superior hygiene all combined with a distinctive design.

THE RANGE

The range is composed by glasswasher basket 400x400 mm, dishwasher basket 500x500 mm and hood type basket 500x500 mm.



HOOD-TYPE DISHWASHER Basket 500x500 mm

The largest dishes and utensils can easily be washed thanks to the wide usable height of 440mm.

The HTY505 range models are also available with the HTR rinse system

HTY503 Series



Triple filter



Drain pump

HTY505 Series



Triple filter



Drain pump



HTR System



DISHWASHER - Basket 500x500 mm

Dishwashers with 500x500 mm basket combine a large loading capacity with the flexibility of washing programs to suit the needs of modern catering.

The standard UD505 models are also available with an HTR rinse system.

UD503 Series



Triple filter



Drain pump

UD505 Series



Triple filter



Drain pump



HTR System



GLASSWASHER - Basket 400x400 mm

The Glasswashers with 400x400mm basket are available with 670 or 710mm height, and offer a wide usable height of 330mm, for larger glasses.

The UG405 range models are also available with the HTR rinse system

UG401 / UG403 Series



Triple filter



Drain pump

UG405 Series



Triple filter



Drain pump



HTR System

VERSIONS

All with intuitive electronic interface soft touch buttons that guarantee ease of use and reduces the training time of new staff.
Versions with continuous regeneration softener or with HTR rinse system are also available.

ELECTRONIC CONTROL PANEL

The electronic version has an intuitive interface with soft touch buttons and a display showing the different wash programs, temperatures and diagnosis.



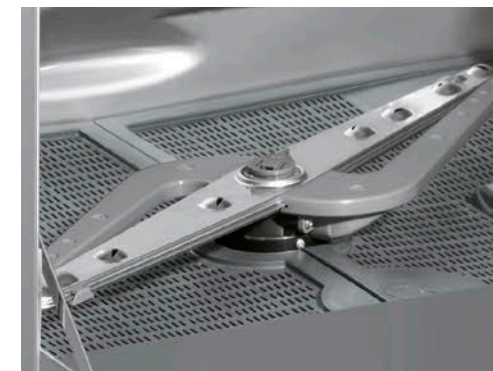
GUARANTEED HYGIENE

Better wash results and the guarantee of hygiene are ensured by the wash tank design, the combined wash and rinse arm and the innovative filter system.



EASY TO CLEAN

The Self cleaning program simplifies and speeds up the operations at the end of the working shift.
The **tank rounded corners**, the **moulded basket guides** and the **deep-drawn bottom** prevent dirt accumulation and convey all residuals through the selective filter to the drain.



COMBINED SPRAY ARMS

The new combined washing and rinsing spray arm system, allows you to have a **higher water pressure** at the nozzles and a better **coverage of the basket** thus increasing the washing performance.

The sprayer is equipped with a quick release system which allows for quick disconnection, simplifying cleaning.



FILTERING

The innovative filtering system improves tank water cleaning and eliminates all residuals at each wash cycle. The consequent reduction of **chemicals** **lowers operations costs**.

TOP WASHING PERFORMANCE

A series of design and technical solutions, including the innovative HTR rinse system, guarantee top washing performance and excellent rinsing under any utilisation conditions.

The high versatility of all dishwasher models is guaranteed through the increased load height which allows any kind of dish to be washed.



'SOFT START' WASHING SYSTEM

All models in the ECOLINE range have an electronic "Soft Start" system to control the washing pump's power.

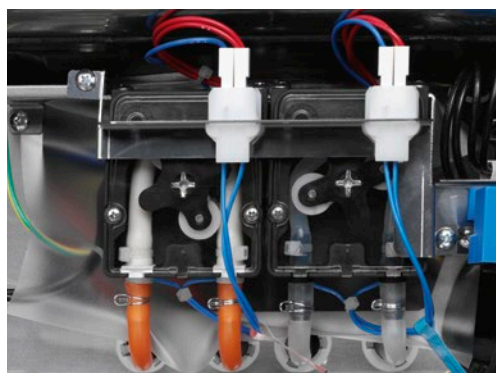
To **protect glasses and the more delicate dishes**, the water jet enters initially at a lower pressure to gradually arrive at full power after a few moments.



CONTINUOUS REGENERATION SOFTENER

With the innovative continuous regeneration softener the **regeneration of the resins occurs during the washing phase** thus avoiding downtime.

In dedicated models, the light on the control panel only indicates the need to top up the salt. This innovative system **guarantees the proper washing water quality**, and provides more protection against scale.



ELIMINATION OF WASTE

All Smeg dishwasher models are equipped with electronically controlled peristaltic detergent and rinsing agent dispensers.

This allows the elimination of waste through **precise dosing of chemicals**.

NEW COMBINED SPRAY ARMS

The innovative combined spray arms have a higher washing height compared with the two separate one, thus increasing the usable wash height.



BIG LOAD CAPACITY

Smeg's experience has allowed it to design professional dishwashers with a greater load height for easy insertion of large diameter plates and dishes.



'HTR' RINSE SYSTEM

Some models in the Ecoline range are fitted with the HTR rinse system which guarantees water pressure, temperature and quantity control by keeping them constant and independent from the mains. Hence, the rapidity and the result of drying are ensured.



SPECIAL FUNCTIONS

All models in the ECOLINE range have special functions and design features that increase their versatility, ensure hygiene and energy savings.

TOTAL RENEWAL OF THE WATER INSIDE THE TANK

For maximum hygiene, the water in the tank is completely replaced by clean water.

EXTRA-RINSE

This function extends the rinsing phase, when dishes are more difficult to clean.

THERMOSTOP

At each cycle the machine checks that the correct boiler temperature is reached before rinsing. A guarantee of hygiene for the dishes.

SELF-CLEANING

The tank draining function includes an automatic wash of the cavity, thus avoiding manual cleaning.



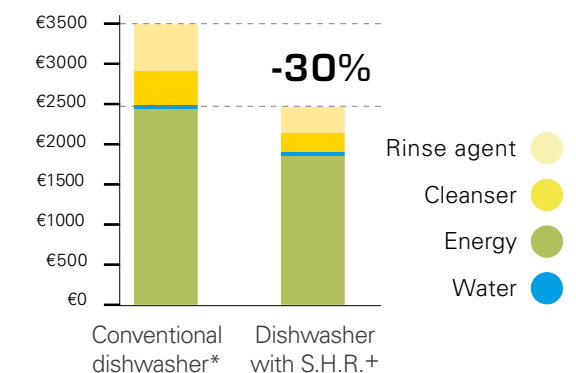
S.H.R.+ SYSTEM - STEAM HEAT RECOVERY

ENERGY EFFICIENCY

Special devices like steam condenser (S.H.R.+) and smart wash system allow a substantial reduction of energy, water and chemicals consumptions.

Even during stand-by time, these models stand out for their low consumption compared to traditional dishwashers.

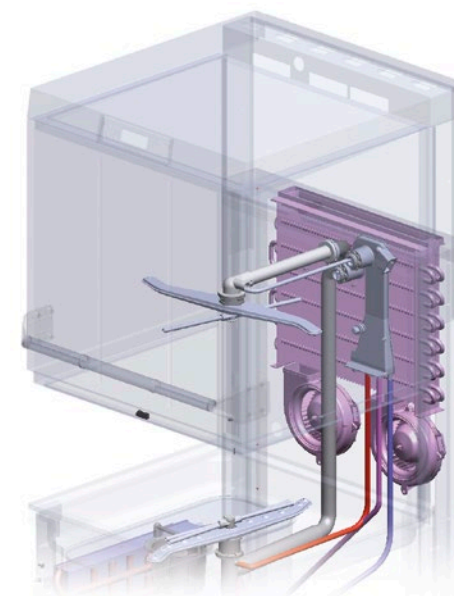
SAVING IN ANNUAL OPERATION COSTS



* Electromechanical, single-walled, without drain and rinsing pump.

SMART TECHNOLOGY

S.H.R.+ System (Steam Heat Recovery or steam elimination) extracts the steam produced in the tank during wash and rinse phases, condenses it and preheats the cold inlet water by using its energy. The results is a 30% saving on energy cost and a more comfortable work environment.

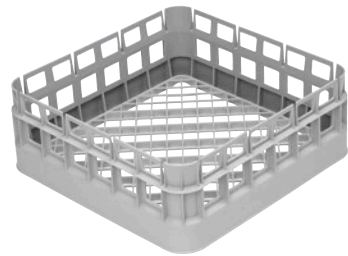


ACCESSORIES

GLASSWASHERS Basket 400 x 400 mm

PB40G01

Universal polypropylene basket, with flat base, dimensions 400x400 mm



PHOOS01

Polypropylene basket for cutlery, single



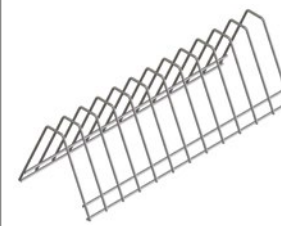
PHOOS02

Polypropylene basket for cutlery, with six compartments



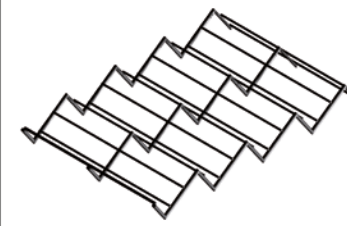
WH00S01

Wire insert for 12 tea dishes



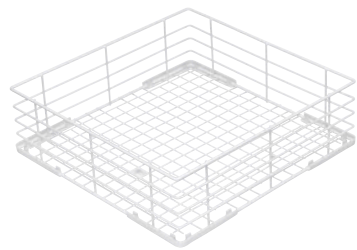
WH00C01

Sloped wire insert for cups



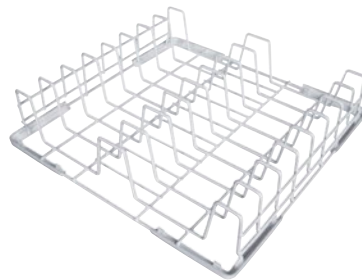
WB40G01

Universal wire basket, with flat bottom, dim. 400 x 400 mm



WB40D01

Basket for 8 plates ø 315 mm, dim. 400 x 400 mm



WB40G02

Wire basket for glasses ø Max. 90 mm, with inclined bottom, 4-row, dim. 400 x 400 mm



WS4

Underframe for dishwasher, stainless steel, dim. (LxWxH) 495 x 530 x 490 mm



WB40G03

Wire basket for glasses ø Max. 120 mm, with inclined bottom, 3-row, dim. 400 x 400 mm



RB40G01

Universal wire basket with flat base, dim. Ø400 mm



RB40A3

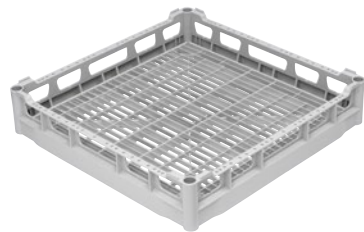
Adapter for round basket

 ACCESSORIES

DISHWASHER
Basket 500 x 500 mm

PB50G01

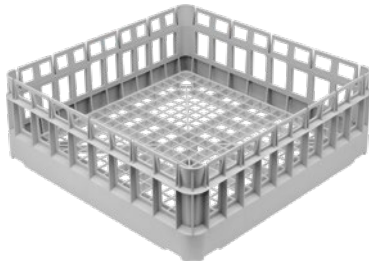
Universal basket made of polypropylene, with flat bottom, dim. 500 x 500 mm



HOOD-TYPE DISHWASHER
Basket 500 x 500 mm

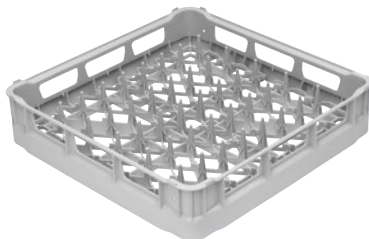
PB50G02

Basket made of polypropylene for 18 plates ø 250 mm, dim. 500 x 500 mm



PB50D01

Basket made of polypropylene for 18 plates ø 250 mm, dim. 500 x 500 mm



PHOOS01

Cutlery basket made of polypropylene, single



PHOOS02

Cutlery basket made of polypropylene, with 6 compartments



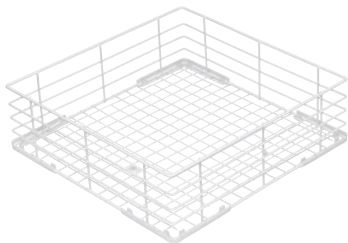
PHOOS03

Cutlery basket made of polypropylene, with 8 compartments, suitable for hood-type models



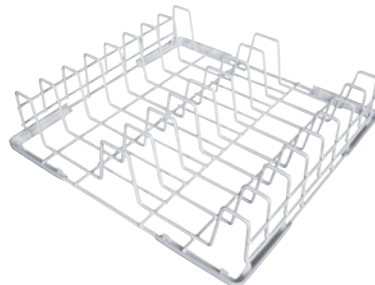
WB50G01

Universal wire basket, with flat bottom, dim. 500 x 500 mm



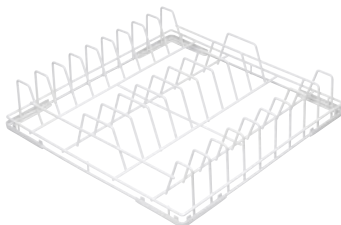
WB50D01

Wire basket for 18 plates ø 250 mm and self-service trays, dim. 500 x 500 mm



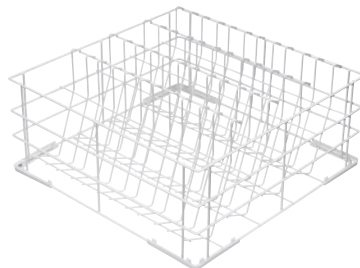
WT50T02

Basket for 7 trays GN1/1 depth 20 mm, dim. 500 x 500 mm



WB50G03

Wire basket for glasses ø max. 72 mm, with inclined bottom, dim. 500 x 500 mm



WB50G04

Wire basket for glasses ø max. 135 mm, with inclined bottom, dim. 500 x 500 mm



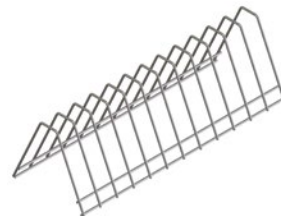
WB50G02

Wire basket for glasses ø max. 90 mm, with inclined bottom, dim. 500 x 500 mm



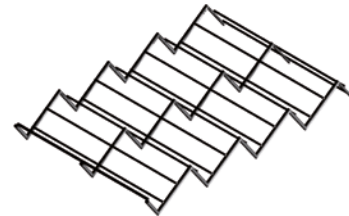
WH00S01

Wire insert for 12 plates



WH00C01

Sloped wire insert for cups



WS5

Underframe for dishwasher, stainless steel, dim. (LxWxH) 600 x 600 x 500 mm



KAP06

Set of pressure boosting pumps, for dishwashers and hood-type dishwashers

ACCESSORIES

HOOD-TYPE DISHWASHERS
SERVICE TABLES - Entry tables

WT51200SHR
Right side
Entry table with sink and trash
hole, 1200 mm, with backsplash
(100 mm) and lower shelf.
Dim. (LxDxH) 1200x720x821.5 mm



Available in the version with left-
hand-side attachment

WT51200SHL

WT51200SR
Right side
Entry table with sink, 1200 mm,
with backsplash (100 mm) and
lower shelf.
Dim. (LxDxH) 1200x720x821.5 mm



Available in the version with left-
hand-side attachment

WT51200SL

WT5700SR
Right side
Entry table with sink, 700 mm,
with backsplash (100 mm) and
lower shelf.
Dim. (LxDxH) 700x720x821.5 mm



Available in the version with left-
hand-side attachment

WT5700SL



HOOD-TYPE DISHWASHERS
SERVICE TABLES - Exit tables

WTX51200R
Right side
Exit table, 1200 mm, with
backsplash (100 mm) and lower
shelf.
Dim. (LxDxH) 1200x720x821.5 mm



Available in the version with left-
hand-side attachment

WTX51200L

WTX5700R
Right side
Exit table, 700 mm, with
backsplash (100 mm) and lower
shelf.
Dim. (LxDxH) 700x720x821.5 mm



Available in the version with left-
hand-side attachment

WTX5700L

WTX51200
Exit table, 1200 mm to be used on
both sides, with lower shelf.
Dim. (LxDxH) 1200x560x821.5 mm



WTX5700
Exit table, 700 mm, with
backsplash (100 mm) and lower
shelf.
Dim. (LxDxH) 700x720x821.5 mm.



		Glasswasher
Model		UG401DM
Dimensions (L x D x H)	mm	440 x 530 x 670
Basket	cm	40x40
Door clearance	mm	330
GN1/1 tray wash		No
Type of interface		electronic
Door/hood structure		double skinned insulated
Supplied water temperature	°C	>50 <60
Tank volume	litres	8
Tank resistance	W	2000
Filtering system		Tank filter + selective filter
Boiler volume	litres	4
Boiler heating element	W	2,700
Wash pump	W	290
Tank temperature	°C	52÷62
Rinse pump		-
Rinse temperature	°C	71÷87
Adjustable temperatures		Yes
Water consumption	litres/cycle	2.3
Minimum supply pressure	bar	2.5
Drain pump		Yes
Rinse aid doser		Peristaltic
Detergent doser		Peristaltic
Programme 1	sec	90*
Programme 2	sec	150*
Programme 3		240*
Special programmes		Total renewal of the water inside the tank
		Extra rinse
		Self-cleaning
Thermostop		Yes
Total power	W	3,000
Electrical connection	V/ph/Hz	230/1/50
Model with water softener		UG401DMS
Basket number	dishes	-
	universal / glasses	2 x PB40G01
	cutlery	1 x PHOOS01
	adapter for round basket	-

UG403DM	UG405DM
440 x 530 x 710	440 x 530 x 710
40x40	40x40
330	330
No	No
electronic	electronic
double skinned insulated	double skinned insulated
>50 <60	>50 <60
8	8
2000	2000
Tank filter + selective filter	Tank filter + selective filter
4	4
2,700	2,700
290	290
52÷62	52÷62
-	YES
71÷87	71÷87
Yes	Yes
2.3	2.3
2.5	2.5
Yes	Yes
Peristaltic	Peristaltic
Peristaltic	Peristaltic
90*	90*
150*	150*
240*	240*
Total renewal of the water inside the tank	Total renewal of the water inside the tank
Extra rinse	Extra rinse
Self-cleaning	Self-cleaning
Yes	Yes
3,000	3,000
230/1/50	230/1/50
UG403DMS	UG405DMS
-	-
2 x PB40G01	2 x PB40G01
1 x PHOOS01	1 x PHOOS01
-	-

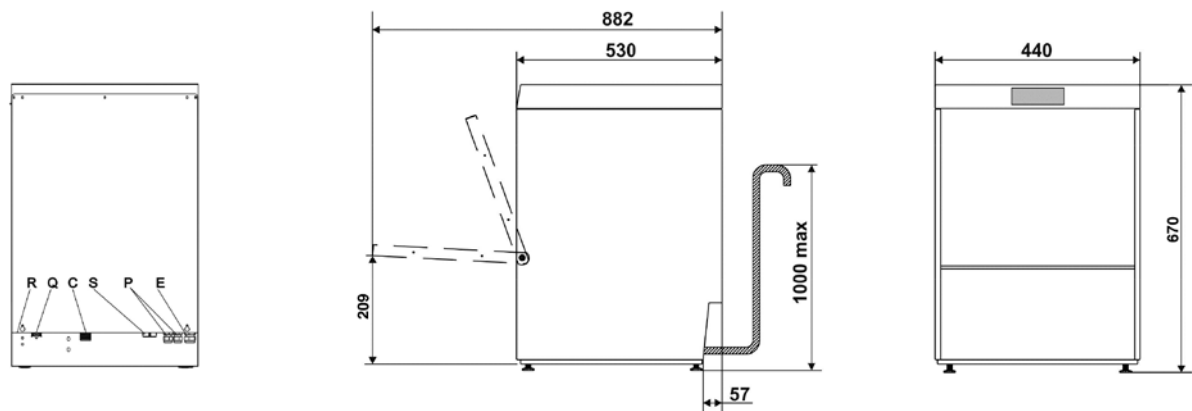
* Supplied water temperature >50°C and < 60°C and three-phase electrical connection whenever possible

		Dishwasher	
Model		UD503D	UD505D
Dimensions (L x D x H)	mm	568x598x820	568x598x820
Basket	cm	50x50	50x50
Door clearance	mm	365	365
GN1/1 tray wash		Yes	Yes
Type of interface		electronic	electronic
Door/hood structure		double skinned insulated	double skinned insulated
Supplied water temperature	°C	>15 <60	>15 <60
Tank volume	litres	13	13
Tank resistance	W	2000	2,000
Filtering system		Tank filter + selective filter	Tank filter + selective filter
Boiler volume	litres	6	6
Boiler heating element	W	4960	4,960
Wash pump	W	680	680
Tank temperature	°C	52÷62	52÷62
Rinse pump		-	Yes
Rinse temperature	°C	71÷87	71÷87
Adjustable temperatures		Yes	Yes
Water consumption	litres/cycle	2.7	2.7
Minimum supply pressure	bar	2.5	2.5
Drain pump		Yes	Yes
Rinse aid doser		Peristaltic	Peristaltic
Detergent doser		Peristaltic	Peristaltic
Programme 1	sec	90	90
Programme 2	sec	150	150
Programme 3		240	240
Special programmes		Total renewal of the water inside the tank	Total renewal of the water inside the tank
		Extra rinse	Extra rinse
		Self-cleaning	Self-cleaning
Thermostop		Yes	Yes
Total power	W	5,650	5,650
Electrical connection	V/ph/Hz	400/3/50 - 230/1/50	400/3/50 - 230/1/50
Model with water softener		UD503DS	UD505DS
Model with S.H.R.+			
Basket number	dishes	1 x PB50D01	1 x PB50D01
	universal / glasses	1 x PBG50G02	1 x PBG50G02
	cutlery	1 x PHOOS02	1 x PHOOS02
	adapter for round basket	-	-

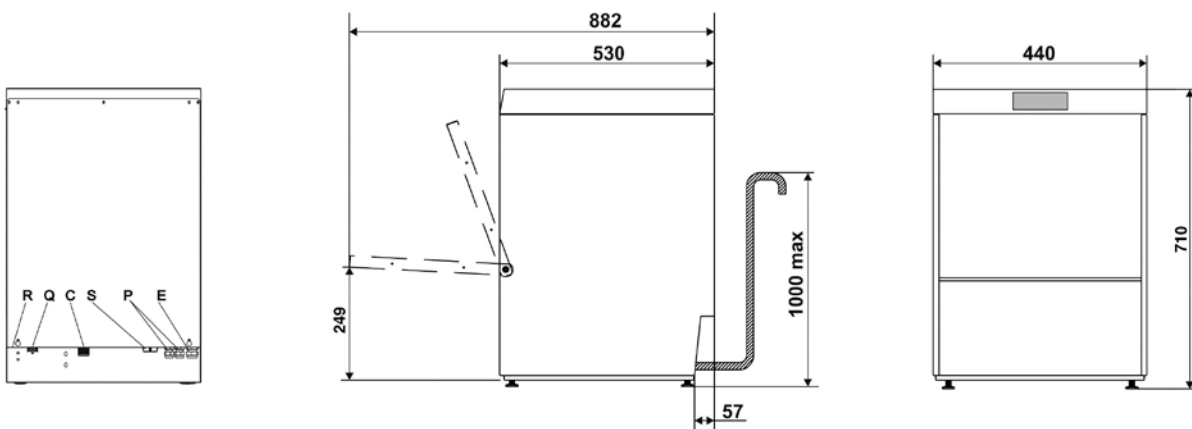
		Hood-type	
		HTY503D	HTY505D
		620x736x1530 (2102)	620x736x1530 (2102)
		50x50	50x50
		440	440
		Yes	Yes
		electronic	electronic
		single wall	single wall
		>50 <60	>50 <60
		14	14
		2,200	2200
		Tank filter + selective filter	Tank filter + selective filter
		8	8
		9,000	9,000
		700	700
		52÷62	52÷62
		-	Yes
		71÷87	71÷87
		Yes	Yes
		2.7	2.7
		2.5	2.5
		Yes	Yes
		Peristaltic	Peristaltic
		Peristaltic	Peristaltic
		60	60
		120	120
		180	180
		Total renewal of the water inside the tank	Total renewal of the water inside the tank
		Extra rinse	Extra rinse
		Self-cleaning	Self-cleaning
		Yes	Yes
		9,700	9,700
		400/3/50	400/3/50
		-	HTY505DS
			HTY505DH
		1 x PB50D01	1 x PB50D01
		1 x PBG50G02	1 x PBG50G02
		1 x PHOOS02	1 x PHOOS02
		-	-

TECHNICAL DRAWINGS

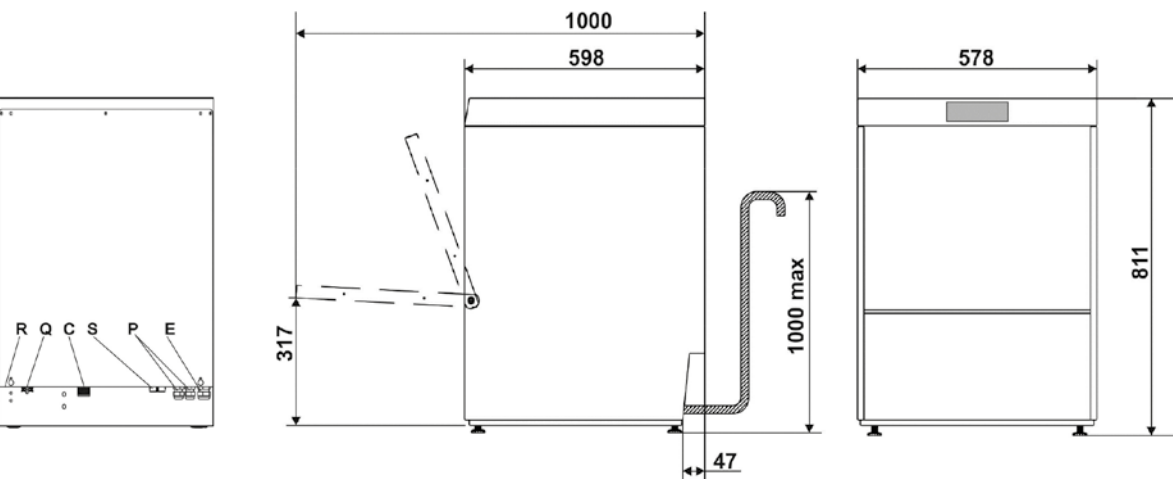
Glasswasher, 400x400 mm basket - **UG401 Series**



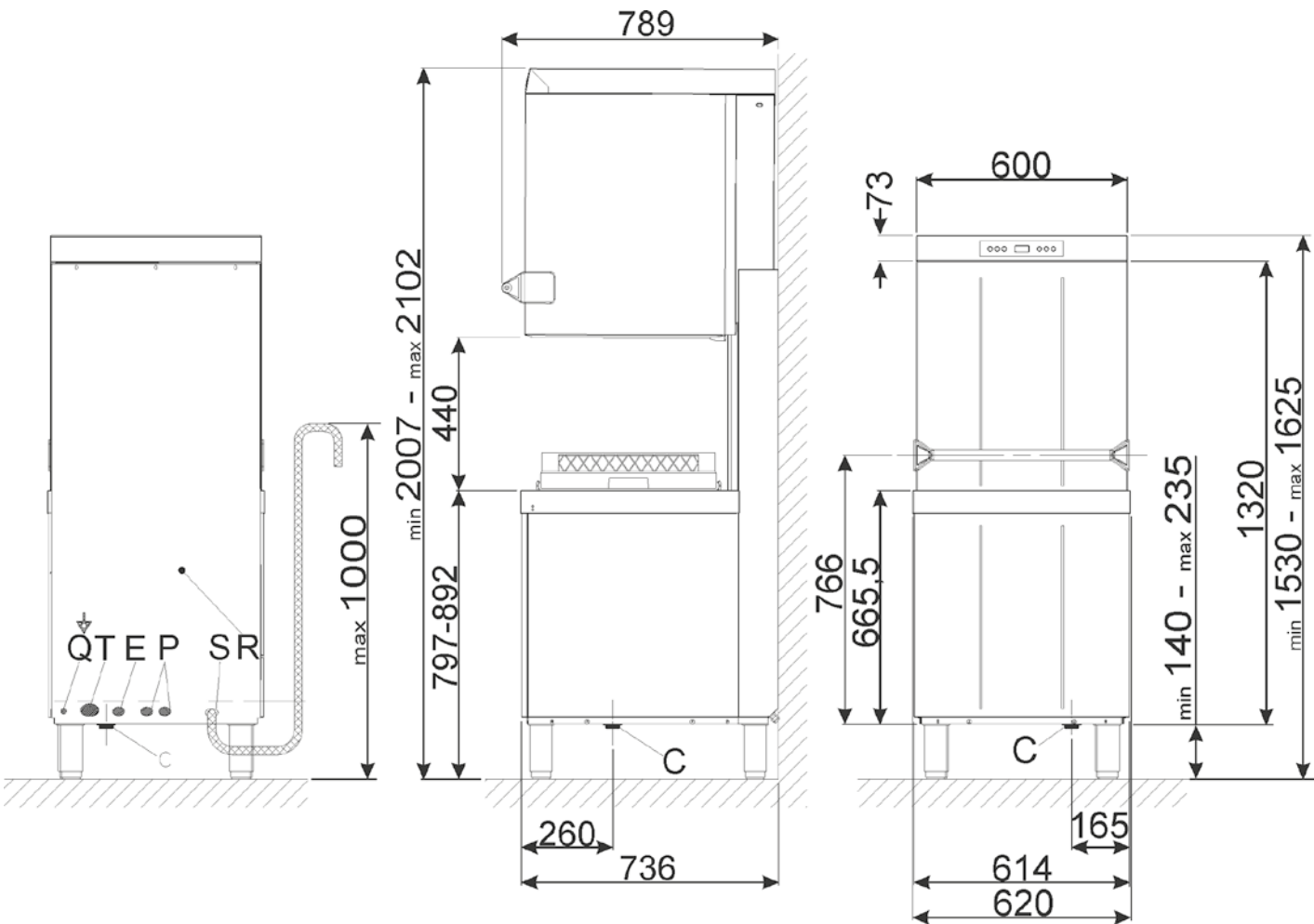
Glasswasher, 400x400 mm basket - **UG403 and UG405 Series**



Dishwasher, 500x500 mm basket - **UD503 and UD505 Series**



Hood, 500x500 mm basket - **HTY503 and HTY505 Series**



CONNECTION WIRING DIAGRAM KEY

R	Rear lower panel	P	Peristaltic doser tubes
C	Water supply tubing	E	Electrical power cable
S	Water drain tubing	F	External doser power supply cable input
Q	Equipotential terminal		



UNI EN ISO 9001
9130-Smeg



UNI EN ISO 14001
9191-SME2



OHSAS 18001
9192-SME3

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