



## Rack conveyor dishwashers

### Rack conveyor dishwashing machines with an hourly output of up to 4.400 dishes.



The rack conveyor dishwasher is ideal for hotels, hospitals and large dining rooms.

- ▶ Fully stainless steel jacket.
- ▶ Inlet and outlet splash guards are standard (starting from ST-1700).
- ▶ Stainless steel central rack feed system equipped with a torque limited by friction in case of blocking.
- ▶ Process cycles are divided by rubber curtains.
- ▶ Automatic cycle start.
- ▶ Automatic boiler filling
- ▶ Precise temperature control by high precision temperature probes. The temperatures are easy to adjust and visualize.

#### Economy

- ▶ Washing microswitch that starts washing pumps when racks have been loaded.
- ▶ Washing pump working timing.
- ▶ Energy saving rinse supply switch.
- ▶ Pressure controller in the rinse section to limit consumption.
- ▶ Programmed automatic stop if there is no loading.
- ▶ Stop and freezing of timer when limit switch actuates.

#### Cleaning and maintenance

- ▶ Wide pivoting door allowing access for cleaning or inspection purpose.
- ▶ Detachable arms and dispersers for easier cleaning.
- ▶ Sloped removable stainless steel filters with independent removable basket (S -1400 without basket).
- ▶ Easy boiler emptying by loosening a hose.
- ▶ Failures are easily detected thanks to the warning lights.
- ▶ Easy to repair without moving the machine.



	ST-1400	ST-1700	ST-2200	ST-2800	ST-3000	ST-3500	ST-4400
HOURLY PRODUCTION							
PRODUCTION BASKETS/HOUR (MIN)	80	95	84	100	112	128	163
PRODUCTION BASKETS/HOUR (MAX)			126	150	168	192	245
PRODUCTION PLATES/HOUR (MIN)	1440	1710	1512	1800	2016	2304	2934
PRODUCTION PLATES/HOUR (MAX)			2268	2700	3024	3456	4410
WASH							
WASH TEMPERATURE	55°C-65°C	55°C-65°C	55°C-65°C	55°C-65°C	55°C-65°C	55°C-65°C	55°C-65°C
WASH TANK CAPACITY	80l	100l	100l	100l	100l	100l	100l
PUMP	2Hp / 1500W	3,2Hp / 2400W	3,2Hp / 2400W	3,5Hp / 2600W	3,2Hp / 2400W	3,5Hp / 2600W	3,5Hp / 2600W
WASH HEATING ELEMENT	7500W	9000W	9000W	9000W	9000W	9000W	9000W
RINSE							
WATER CONSUMPTION	270l/h	270l/h	300l/h	300l/h	390l/h	390l/h	480l/h
RINSE HEATING ELEMENT	15000W	18000W	18000W	18000W	18000W	18000W	27000W
BOILER CAPACITY	20l	20l	20l	20l	20l	20l	20l
LOADING							
DRAG MOTOR POWER	0,16Hp / 120W	0,16Hp / 120W	0,25Hp / 180W	0,25Hp / 180W	0,25Hp / 180W	0,25Hp / 180W	0,25Hp / 180W
TOTAL LOADING	24120W	29520W	29580W	30270W	30460W	36810W	52790W
EXTERNAL DIMENSIONS (WxDxH)							
WIDTH	1180mm	1700mm	1700mm	2300mm	2300mm	2900mm	3500mm
DEPTH	829mm	829mm	829mm	829mm	829mm	829mm	829mm
HEIGHT	1430mm	1520mm	1520mm	1520mm	1520mm	1520mm	1520mm
NET WEIGHT	200Kg	250Kg	250Kg	410Kg	430Kg	450Kg	540Kg
DRYING UNIT	TS-600	TS-600	TS-600	TS-600 / TS-800	TS-600 / TS-800	TS-600 / TS-800	TS-800



**RACK CONVEYOR DISHWASHER ST-1400**

80 baskets per hour (1.440 plates/hour)  
 Compact model for reduced space areas.  
 1 speed.

	RRP €
Dishwasher ST-1400D 400/50/3N (right hand entry)	11.726
Dishwasher ST-1400I 400/50/3N (left hand entry)	11.726

**Optional equipment**

- Drying unit TS-600.
- Extraction hood without motor CA.
- Extraction hood with motor EV.
- Extraction hood with steam condensation CV.
- Inlet tables and compositions.
- Outlet tables and compositions.



**RACK CONVEYOR DISHWASHER ST-1700**

95 baskets per hour (1.710 plates/hour)  
 Washing + rinsing.  
 1 speed.

	RRP €
Dishwasher ST-1700D 400/50/3N (right hand entry)	13.232
Dishwasher ST-1700I 400/50/3N (left hand entry)	13.232

**Default equipment**

- Inlet and outlet splash guards are standard.

**Optional equipment**

- Drying unit TS-600.
- Extraction hood without motor CA.
- Extraction hood with motor EV.
- Extraction hood with steam condensation CV.
- Inlet tables and compositions.
- Outlet tables and compositions.

**RACK CONVEYOR DISHWASHER ST-2200**

84-126 baskets per hour (2.268 plates/hour)  
 Washing + rinsing.  
 2 speeds.

	RRP €
Dishwasher ST-2200D 400/50/3N (right hand entry)	14.625
Dishwasher ST-2200I 400/50/3N (left hand entry)	14.625

**Default equipment**

- Inlet and outlet splash guards are standard.

**Optional equipment**

- Drying unit TS-600.
- Extraction hood without motor CA.
- Extraction hood with motor EV.
- Extraction hood with steam condensation CV.
- Inlet tables and compositions.
- Outlet tables and compositions.





**RACK CONVEYOR DISHWASHER ST-2800**

100-150 baskets per hour (2.700 plates/hour)

Enhanced washing + double rinsing.

2 speeds.

	RRP €
Dishwasher ST-2800D 400/5/3N (right hand entry)	18.042
Dishwasher ST-2800I 400/50/3N (left hand entry)	18.042

**Default equipment**

- Inlet and outlet splash guards are standard.

**Optional equipment**

- Drying unit TS-600 / TS-800.
- Extraction hood without motor CA.
- Extraction hood with motor EV.
- Extraction hood with steam condensation CV.
- Inlet tables and compositions.
- Outlet tables and compositions.

**RACK CONVEYOR DISHWASHER ST-3000**

112-168 baskets per hour (3.024 plates/hour)

Pre-washing + washing + rinsing.

2 speeds.

	RRP €
Dishwasher ST-3000D 400/50/3N (right hand entry)	18.042
Dishwasher ST-3000I 400/50/3N (left hand entry)	18.042

**Default equipment**

- Inlet and outlet splash guards are standard.

**Optional equipment**

- Drying unit TS-600.
- Drying unit TS-800.
- Extraction hood without motor CA.
- Extraction hood with motor EV.
- Extraction hood with steam condensation CV.
- Inlet tables and compositions.
- Outlet tables and compositions.



**RACK CONVEYOR DISHWASHER ST-3500**

128-192 baskets per hour (3.600 plates/hour)

Pre-washing + enhanced washing + double rinsing.

2 speeds.

	RRP €
Dishwasher ST-3500D 400/50/3N (right hand entry)	23.693
Dishwasher ST-3500I 400/50/3N (left hand entry)	23.693

**Default equipment**

- Inlet and outlet splash guards are standard.

**Optional equipment**

- Drying unit TS-600.
- Drying unit TS-800.
- Extraction hood without motor CA.
- Extraction hood with motor EV.
- Extraction hood with steam condensation CV.
- Inlet tables and compositions.
- Outlet tables and compositions.



**RACK CONVEYOR DISHWASHER ST-4400**

163-245 baskets per hour (4.410 plates/hour)

Pre-washing + first washing + enhanced washing + double rinsing.

2 speeds.

	RRP €
Dishwasher ST-4400D 400/50/3 (right hand entry)	<b>30.714</b>
Dishwasher ST-4400I 400/50/3N (left hand entry)	<b>30.714</b>

**Default equipment**

- Inlet and outlet splash guards are standard.

**Optional equipment**

- Drying unit TS-800.
- Extraction hood without motor CA.
- Extraction hood with motor EV.
- Extraction hood with steam condensation CV.
- Inlet tables and compositions.
- Outlet tables and compositions.





**ACCESSORIES**

**Drying units**



For Sammic rack conveyor dishwashers

The drying units are delivered installed in rack conveyor dishwashers.

- ▶ Internal stainless steel baffle is designed for the optimum use of hot air.
- ▶ Thermostatically controlled temperature.
- ▶ Two powerful model options available.
- ▶ Conveyor system.
- ▶ Design allows drainage of excess condense water.

	RRP €
TS-600 - Drying unit - Installed	<b>4.164</b>
TS-800 - Drying unit - Installed	<b>5.410</b>

SPECIFICATIONS	TS-600	TS-800
FAN LOADING	1 HP / 0.75 kW	1.5 HP / 1.1 kW
HEATING ELEMENT	6 kW	9 kW
CIRCULATING AIR M3/H	1,300	2,000
LENGTH MM.		
ST-1400	+600	
ST-1700-4400	+400	+600

**CA Extraction hood**



Extraction hood to connect to a remote extraction unit.

The extraction hood is delivered installed in Sammic rack conveyor dishwashers.

- ▶ CA extraction hood consists of a splash guard equipped with an outlet to connect to a remote extraction unit.
- ▶ Outlet-diameter: 176 mm.
- ▶ For models starting from ST-1700.

	RRP €
CA - Extraction hood without motor - Installed	<b>98</b>

**EV Extraction hood with motor**



Extraction hood with a motor that allows extraction

The extraction hood with motor is delivered installed in Sammic rack conveyor dishwashers.

- ▶ EV extraction hood unit consists of a steam extraction hood equipped with a 550 W. motor that allows extraction.
- ▶ Complete with removable fat filte .
- ▶ Outlet-diameter: 176 mm.

	RRP €
EV Extraction hood with motor - 0.75 HP / 0.55 kW - Installed	<b>1.983</b>



**CV Extraction hood with steam condensation**



Steam condensing unit avoids steam without having to install an extraction hood

The steam condensing unit is delivered installed in Sammic rack conveyor dishwashers.

- ▶ To avoid steam without having to install an extraction hood.
- ▶ Its design allows the increase of water inlet temperature and sends it to the rinsing circuit.
- ▶ This function allows to save energy and recover a big percentage of water destined for steam condensation.
- ▶ 0.75 kW fan in vertical position and motor with double retainer prevents water leakage into the motor.
- ▶ Removable filter to avoid fat leakage.

	RRP €
CV - Steam condensing unit - 1 HP - 0.75 kW - installed	<b>4.102</b>

**Central sorting tables**



For Sammic rack conveyor and pass-through dishwashers

Complete with drain hole with non-splashing rubber seal and optional basket holder.

Combined with a connecting table, fits one of the entry solutions available for Sammic rack conveyor dishwashers. It can also be combined with a connecting table and a loading table for corner situation.

	RRP €
5712191 <b>Central sorting table MDD-1600 (1600x800x850)</b>	<b>1.100</b>
5712221 <b>Central sorting table MDI-1600 (1600x800x850)</b>	<b>1.100</b>
5712201 <b>Central sorting table MDD-2100 (2100x800x850)</b>	<b>1.200</b>
5712231 <b>Central sorting table MDI-2100 (2100x800x850)</b>	<b>1.200</b>
5712211 <b>Central sorting table MDD-2600 (2600x800x850)</b>	<b>1.300</b>
5712241 <b>Central sorting table MDI-2600 (2600x800x850)</b>	<b>1.300</b>
5712250 <b>Basket holder shelf EMD-1600 (1600x600x650)</b>	<b>500</b>
5712260 <b>Basket holder shelf EMD-2100 (2100x650x600)</b>	<b>600</b>
5712270 <b>Basket holder shelf EMD-2600 (2600x650x600)</b>	<b>700</b>

**Double connection central sorting table**



For Sammic rack conveyor and pass-through dishwashers

Complete with drain hole with non-splashing rubber seal and optional basket holder.

Double connection and a central space of 1100mm. Allows the combination of 2 dishwashers. To combine with 2 connection tables, with or without loading tables for corner situation.

	RRP €
5712212 <b>Central sorting table MDDI-2368 (2368x800x850)</b>	<b>1.500</b>
5712262 <b>Basket holder shelf EMD-2368 (2368x650x600)</b>	<b>650</b>

**Connecting tables for Pass-Through dishwashers and rack conveyors**



To connect to a central sorting table

With sink and splash back

	RRP €
5712274 <b>Connecting table MCD-700 (700x700)</b>	<b>400</b>
5712276 <b>Connecting table MCI-700 (700x700)</b>	<b>400</b>
5712280 <b>Connecting table MCD-1000 (1000x700)</b>	<b>450</b>
5712300 <b>Connecting table MCI-1000 (1000x700)</b>	<b>450</b>
5712290 <b>Connecting table MCD-1300 (1300x700)</b>	<b>500</b>
5712310 <b>Connecting table MCI-1300 (1300x700)</b>	<b>500</b>





**Loading table for corner situation for rack conveyor ST**



Loading table for rack conveyor and prewashing tables or connecting tables

Optimise the work of rack conveyor dishwashers. Variety of solutions depending on customer's needs. High quality stainless steel construction.

		RRP €
5702142	Loading table for corner MA-90 for ST-1400	2.238
5702610	Loading table for corner MA-90 for ST-1700/4400	2.238

**Roller conveyor and corner roller conveyor**



For Sammic rack conveyor dishwashers

Specially designed to suit each user's specific needs

- ▶ Roller units with free turn and tank.
- ▶ In 90°, possibility of coupling to 180°.
- ▶ Hinged models available, to fit 180° machined curves.

		RRP €
5702150	CR-90 90° curve with feet	2.171
5702160	Roller conveyor unit MR-1100 (1100x630x850)	1.292
5702170	Roller conveyor unit MR-1600 (1600x630x850)	1.624
5702180	Roller conveyor unit MR-2100 (2100x630x850)	2.141
5702370	Limit switch FCR	359

**Machined curve**



For Sammic rack conveyor dishwashers

Specially designed to suit each user's specific needs

- ▶ Conveyor system machined curve.
- ▶ With tank and drainage.

		RRP €
5702600	Machined curve 90° CM-90	3.646

**Prewashing tables for pass-through and rack conveyor ST-1400**



For Sammic Pass-Through dishwashers and rack conveyor ST-1400

Complete range of solutions available for different situations. All of them are manufactured in stainless steel.

- ▶ Complete with sink and splash back.
- ▶ Waste hole covered with rubber.
- ▶ Top surface with rack guide and water collector.

		RRP €
5712530	Pre-wash table MD-700 for P/X/S/ST-1400 (700x750x850)	750
5712540	Pre-wash table MI-700 for P/X/S/ST-1400 (700x750x850)	750
5712550	Pre-wash table MPD-1200 for P/X/S/ST-1400 (1200x750x850)	1.100
5712560	Pre-wash table left MPI-1200 for P/X/S/ST-1400 (1200x750x850)	1.100
5712552	Pre-wash table right MPD-1500 for P/X/S/ST-1400 (1500x750x850)	1.200
5712562	Pre-wash table left MPI-1500 for P/X/S/ST-1400 (1500x750x850)	1.200



**Basket 500 x 500**

500x500 mm. racks for glasses, plates, cutlery and trays.  
Sammic commercial dishwasher baskets for glasses, plates, cutlery and trays.

- ▶ Open basket 500x500 mm.
- ▶ Plate basket 500x500 mm.
- ▶ Cutlery basket 500x500 mm.
- ▶ Tray basket 500x500 mm.



5300105  
**C-1 Open basket 500x500mm**  
h:100mm  
RRP **22€**



5300112  
**C-3 Plate basket 500x500mm**  
h:100mm  
RRP **22€**



5300120  
**C-30 Tray basket 500x500mm**  
h:100mm  
RRP **30€**



5300130  
**C-2 Cutlery basket 500x500mm**  
h:100mm  
RRP **22€**



5300174  
**C-8 Basket 16 compt. Ø113**  
h:100mm  
RRP **30€**



5300159  
**C-6 Basket 25 compt. Ø90**  
h:100mm  
RRP **31€**



5300184  
**C-7 Basket 36 compt. Ø75**  
h:100mm  
RRP **32€**



5300194  
**C-9 Basket 49 compt. Ø64**  
h:100mm  
RRP **37€**



5300215  
**C-D Extender basket 16compt.**  
h:45mm  
RRP **10€**



5300205  
**C-B Extender basket 25compt.**  
h:45mm  
RRP **12€**



5300210  
**C-C Extender basket 36c** h:45mm  
RRP **12€**



5300220  
**C-E Extender basket 49c**  
h:45mm  
RRP **14€**



5300200  
**C-A Open extender** h:45mm  
RRP **9€**



5300152  
**C-13 Rack cover 500x500mm**  
blind  
RRP **18€**







**Inserts, supplements & similar**

Available for different glass and dishwashers.

Different sizes of cutlery baskets and saucer carrier.



2302058  
Saucer carrier 310x95mm  
RRP 6€



2305488  
Saucer carrier 350x95mm  
RRP 7€



2302615  
Small cutlery basket  
RRP 3€



2302617  
Small cutlery basket - double  
RRP 7€



5300135  
C-1370 Cutlery cylinder  
105x105x125mm  
RRP 5€



5300125  
C-1371 Small cutlery basket  
430x210x150mm  
RRP 14€

**Manual water softeners**



4 models available from 8 to 20 litres

Sammic water softeners are planned right down to the finest detail to be safe and easy to use.

► Manufactured in 18/8 stainless steel.

		RRP €
5320005	Water softener D-8 8 lt. Ø185x400mm	114
5320010	Water softener D-12 12lt. Ø185x500mm	128
5320015	Water softener D-16 16 lt. Ø185x600mm	160
5320020	Water softener D-20 20lt. Ø185x900mm	196

**Automatic water softeners**



Specially indicated for the restaurant industry and bars and any other application where water for industrial use is required.

Using these devices will lower operation costs, improving system performance and equipment lifespan.

► Their operation involves food grade ionic exchange resins, that absorb calcium and magnesium salts from water.

		RRP €
5320112	Water softener DS-12 12lt. 230/50-60/1	968
5320126	Water softener DS-26 26lt. 230/50-60/1	1.169