



Tunnel Dishwashers



power
is the
key

JEMI 

Simply built to last

**Leader in the manufacturing of professional dishwashers
and prime cooking equipment for use in the hospitality and
foodservice industry.**

**Established worldwide reputation, over 50 years within the
industry.**

- ✓ Quality and reliable products that last.
- ✓ Commitment and familiarity with our clients.
- ✓ Excellent technical and aftersales service, with fast and efficient response.

Tunnel Dishwashers

Customized solutions that are suitable for all types of
utensils.

Progressive and continuous wash for large batches of
dishes. Fast and efficient providing the best results.





Excellent results

High quality of finishes. Maximum care, impeccable results and perfect sanitation of the dishes and kitchenware.



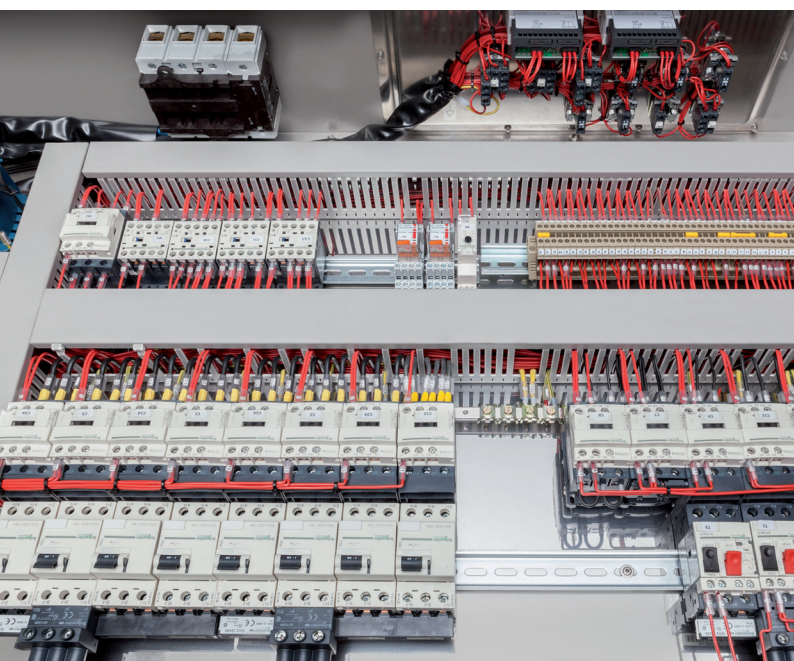
Washing power

High power that can remove the most encrusted dirt.

Design and Technology

Electromechanics

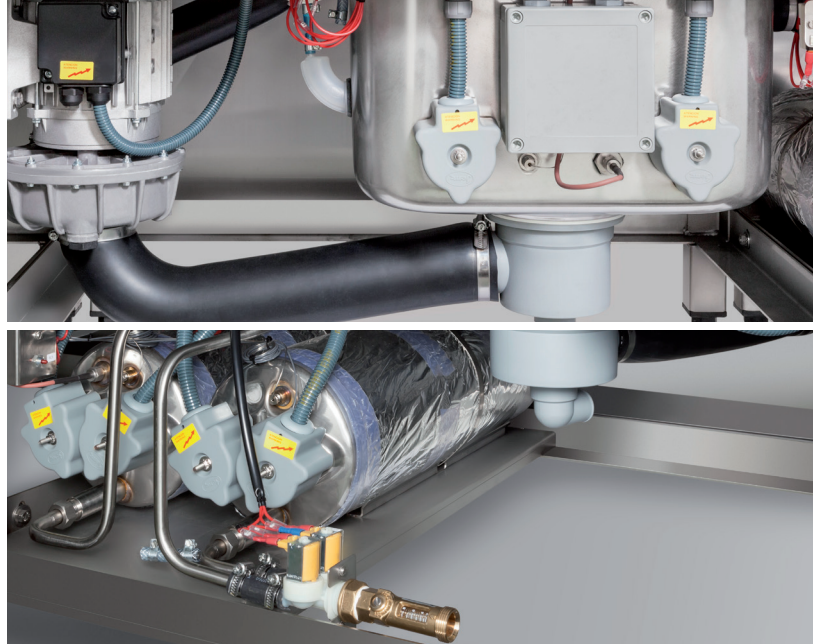
The parts are developed to prevent failure and, in the event of failure, they are fast and easy to repair and replace.



Cleaning the equipment

The machine's filter units are easily removed without the need of tools. With rounded interior corners and tanks to avoid the accumulation of waste.





Servicing and maintenance

Front access, especially developed for fast and easy technical assistance, which does not require moving the machine.



Operation and use

Easy and clear, so that the user can easily interact with our equipment.

Robust and durable

Our machines are built using high-quality materials, which are created to last and offer maximum efficiency for the longest time possible.



Versatile

Wide range of models and solutions for the washing needs of each client.









Rack Conveyor



Flight Conveyor



Tunnel Dishwashers



Rack Conveyor System

Uniform swing wash system with stainless steel hooks to drive the wash racks on which the utensils are placed.



Flight Conveyor System

Continuous chain conveyor system. The kitchenware is placed directly on the chain conveyor. There are several types of chains to suit every washing need (plates, trays, catering containers, boxes, GN containers).

Technology

SD Smart Detector

Automatic detection of kitchenware for adequate rinsing. Rinsing process is activated just as the rack enters the rinsing zone.

ER Eco-Rinse

Triple efficient rinse system, upper, lower and lateral, covering 360°. Includes an ECO-rinse system, which saves 33 % of water consumption, making an optimal use of water and providing a perfect rinse.

WE Waterfall-Effect

Automatic waterfall-effect water cleansing system. Water flows through the various units of the dishwasher from the rinsing zone to the pre-wash zone, where it is drained.

LHS Lateral Hidro Stream *Optional*

Lateral wash arm system reaching hard to access areas. Especially suitable for isothermal trays, school canteen trays and cookware.

EA EPS Advance *Optional*

Steam condensation system, which collects the residual heat from the steam generated during the wash in order to preheat the rinsing water. Estimated saving of 11 Kw/h (25 %). Pre-heating of up to 35 - 40 °C.

DHP Duo Heat Pump Effect *Optional*

Advanced and innovative energy reuse equipment. The steam generated during the washing process is highly efficiently reused to heat up the rinsing water and the drying air, thus accomplishing a double function. Estimated saving of 21 Kw/h (40 %). Pre-heating of up to 60 - 65 °C.

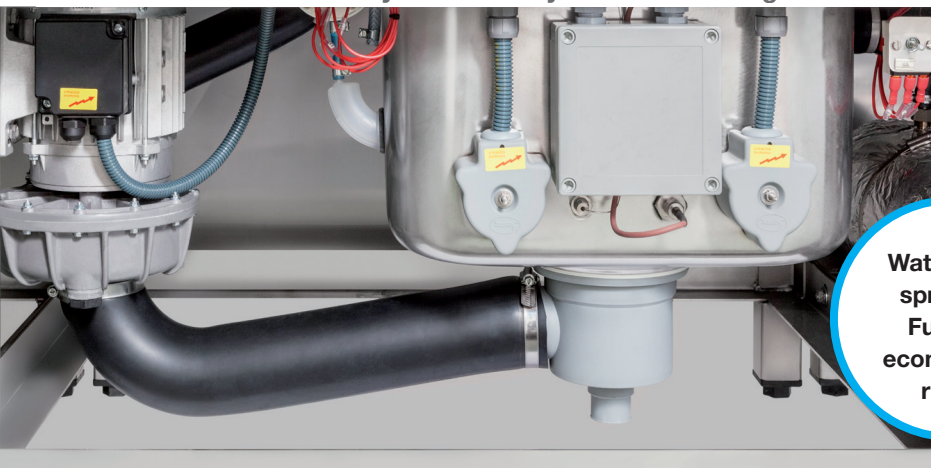
Features

1.5 mm-thick AISI 304-quality 18/10 stainless steel **structure**.
3 mm-thick AISI 304-quality stainless steel stand.

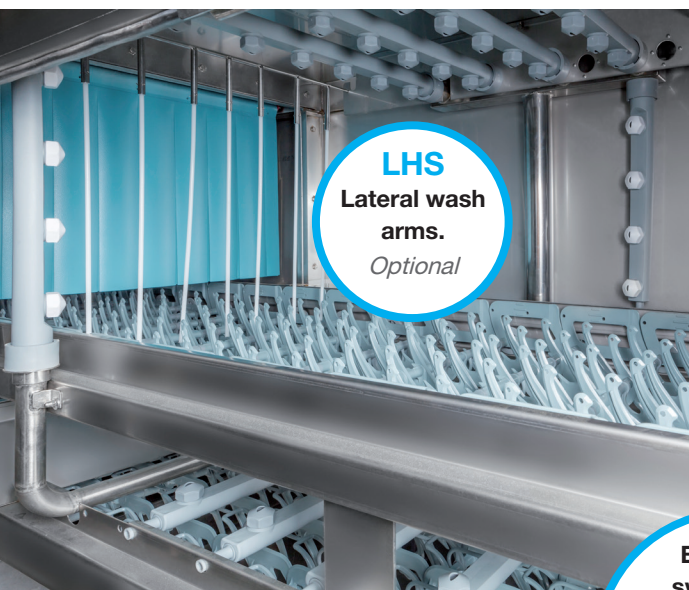
One-piece **pressed wash tank** rounded-corner and without welding, made of AISI 316-quality stainless steel. Plastic elements made of Hostaform G material that is resistant to chemicals and temperature aggression.

High-power motor pumps, efficient hydraulic and sound performance.
Transversal and vertical layout for a fully effective drainage.

All the
components are
electromechanical,
no electronic
input.



Water rinse
sprayers.
Full and
economized
rinse.



LHS
Lateral wash
arms.
Optional

Rounded finishes that are easily accessible for cleaning. Three-filter system that is easily removed for enhanced cleaning and protection.



**Electrical
switch box
situated in the upper
section in order to
prevent external
and hydraulic
impact.**



Intuitive user-friendly control panel, indicator and cycle stage lights, digital thermometer for temperature control, 2 speed settings.



Rack Conveyor Operation

Model A-2980-T

**EPS
ADVANCE**

25%
ENERGY
SAVING

EPS Advance

Steam condensation system
Rinse water heating at 35 – 45 °C
Energy saving of 11 Kw/h

Curtains

Division between sections
Thermal shield
Anti-splash

Filter tray

Easy removal
Prevents solid waste from
entering the tank

Pre-wash tank

40 – 45 °C water temperature
Soapy water
Tank filter

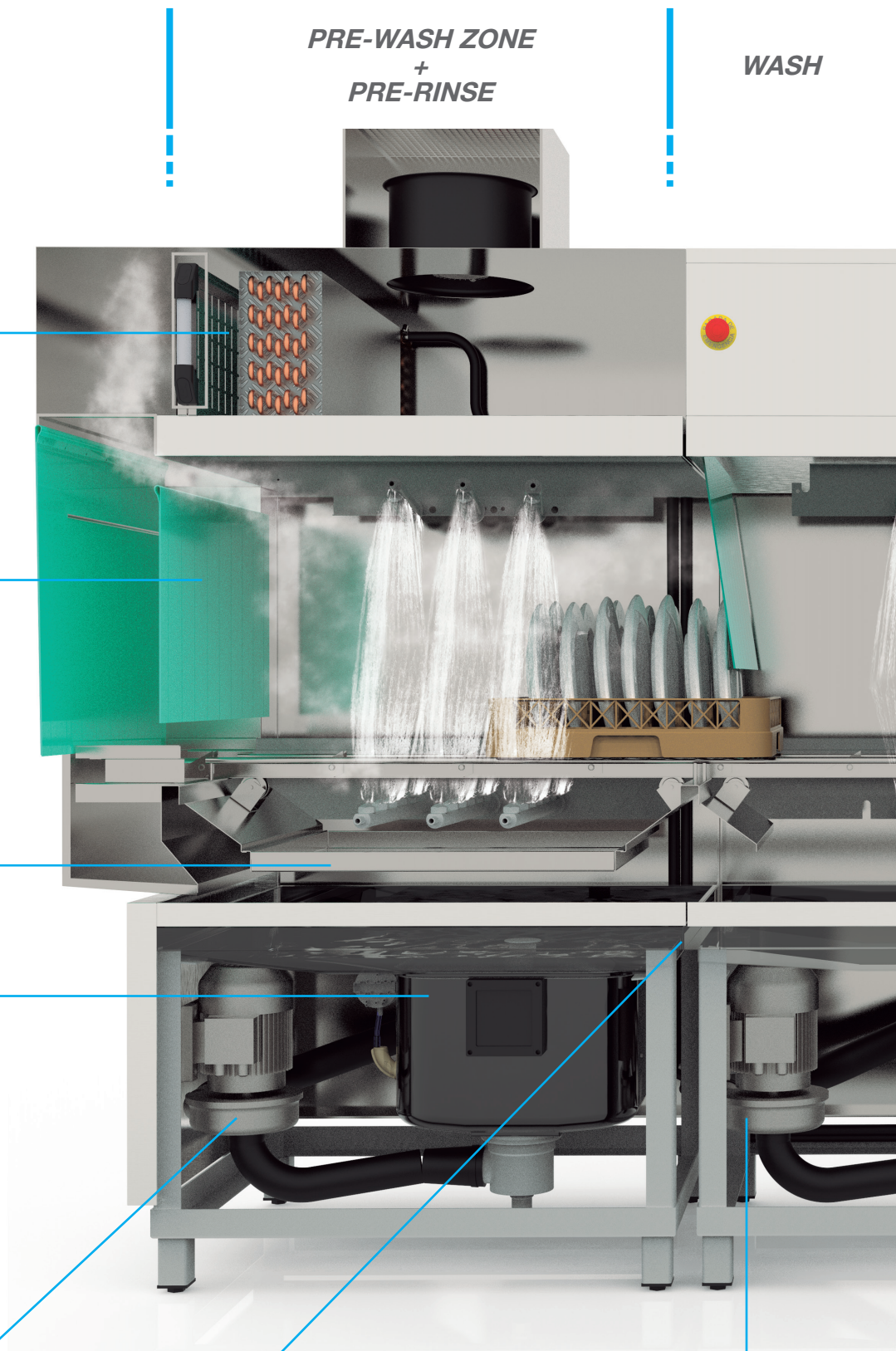
Pre-wash motor
2 Kw power
34 m³/h water volume

Waterfall-effect
Automatic tank
cleansing system
Waterfall effect

Wash motor
2 Kw power
34 m³/h water volume

PRE-WASH ZONE
+
PRE-RINSE

WASH



Applied technology:

Smart Detector

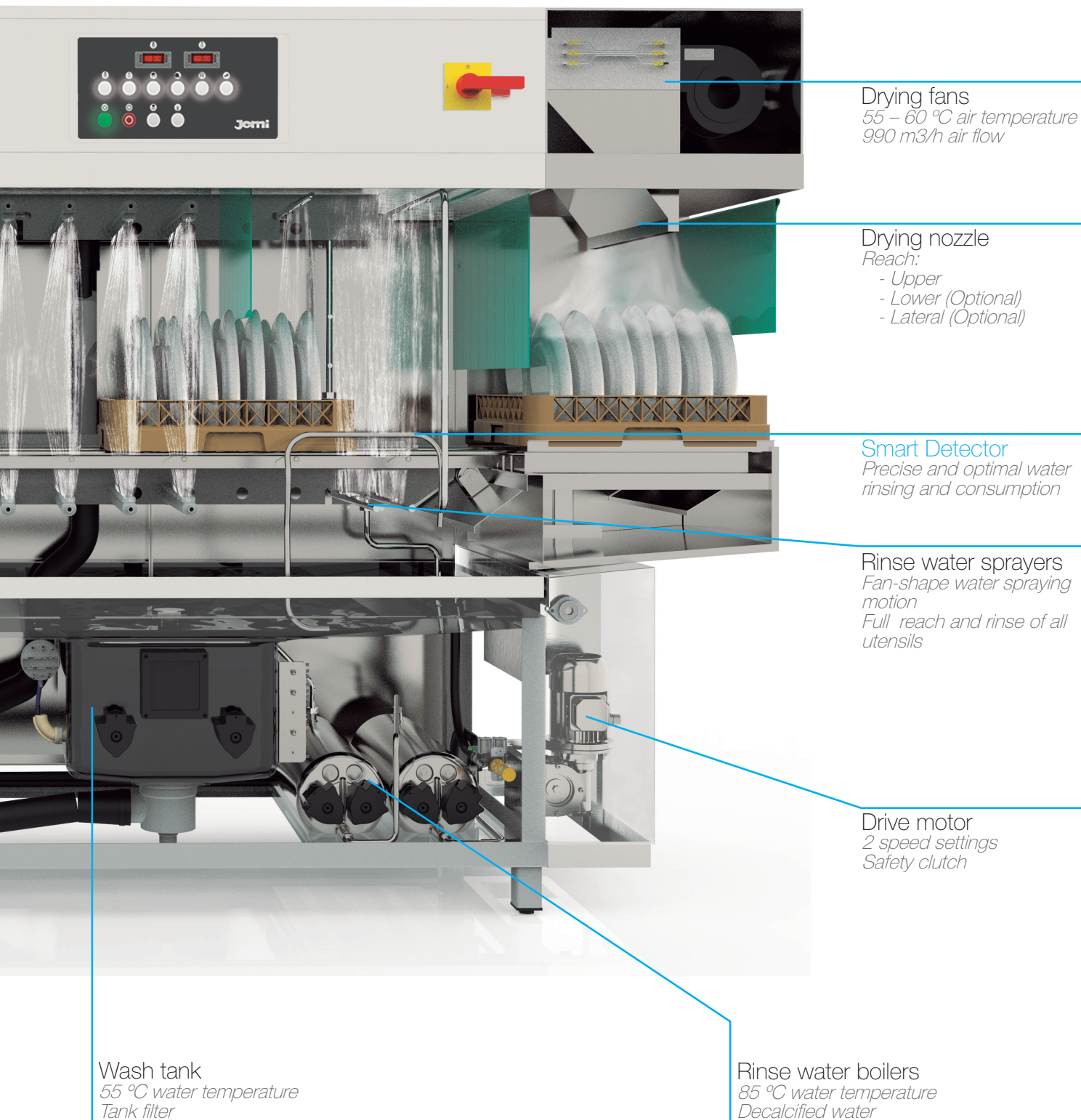
Waterfall-Effect

EPS Advance

ZONE

RINSE ZONE

DRYING ZONE



Flight Conveyor Operation

Model C-5010-T ECO

**LOADING
ZONE**

**PRE-WASH ZONE
+
PRE-RINSE**

WASH ZONE

**Duo
Heat Pump**
40%
**ENERGY
SAVING**

Duo Heat Pump

Steam condensation system

Heating:

- 60 – 65 °C rinse water
 - 55 – 60 °C drying air
- 21 Kw/h energy saving

Curtains

Division between sections

Thermal shield

Anti-splash

Lateral Hidro Stream

Lateral water spray

Full reach: 360°

Special for isothermal trays

Filter tray

Easy removal

Prevents solid waste from
entering the tank

Pre-wash motor

2 Kw power

34 m³/h water volume

Pre-wash tank

40 – 45 °C water temperature

Soapy water

Tank filter

Waterfall-effect

Automatic tank

cleansing system

Waterfall effect

Wash tank

55 °C water temperature

Tank filter

Wash motor

2 Kw power

34 m³/h water volume

Applied technology:

Eco-Rinse

Waterfall-Effect

Lateral Hidro Stream

Duo Heat Pump

Smart Detector

Self-cleaning
swing system for
the loading zone
with a waste
collection filter.

Optional



**ECO-RINSE
ZONE**

RINSE ZONE

**OFFLOADING
ZONE**

Drying fans

55 – 60 °C air temperature
990 m3/h air flow

Drying nozzle

Reach:

- Upper
- Lower (Optional)
- Lateral (Optional)

End of cycle stop

Drive motor stops when the
washed utensils have not
been offloaded

Drive motor

2 speed settings
Safety clutch

ECO Rinse

Precise and optimal water
rinsing and consumption
Pre-rinse + final rinse, saving
33% in water consumption

Rinse water sprayers
Fan-shape water spraying
motion
Full reach and rinse of all
utensils

Smart Detector

Rinsing and water consumption
accurate and optimized

Rinse water boilers

85 °C water temperature
Decalcified water

Model

A-1280

Wash / Triple Rinse

Speeds 1

Output per hour 85 baskets
1360 plates

Usable wash height 420 mm

Power 21 Kw

Voltage 230 - 400 V / III / 50 - 60 Hz

Water consumption per hour 280 litros

Technology SD LHS EA



A-1580-T

Wash / Triple Rinse / Drying

Speeds 1

Output per hour 85 baskets
1360 plates

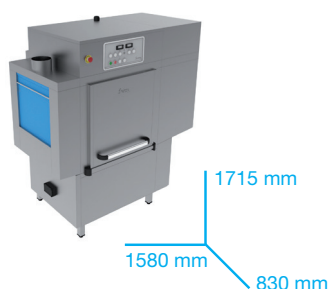
Usable wash height 420 mm

Power 27 Kw

Voltage 230 - 400 V / III / 50 - 60 Hz

Water consumption per hour 280 litros

Technology SD LHS EA



A-1800

Wash / Triple Rinse

Speeds 2

Output per hour 85 - 170 baskets
1360 - 2720 plates

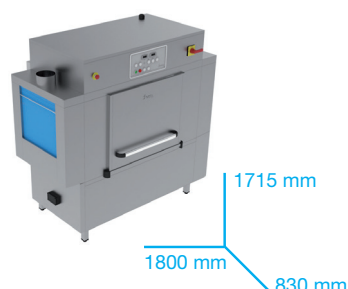
Usable wash height 420 mm

Power 33 Kw

Voltage 230 - 400 V / III / 50 - 60 Hz

Water consumption per hour 280 litros

Technology SD LHS EA



A-2100-T

Wash / Triple Rinse / Drying

Speeds 2

Output per hour 85 - 170 baskets
1360 - 2720 plates

Usable wash height 420 mm

Power 40 Kw

Voltage 230 - 400 V / III / 50 - 60 Hz

Water consumption per hour 280 liters

Technology SD LHS EA



A-2160

Pre-wash / Wash / Triple Rinse

Speeds 2

Output per hour 85 - 170 baskets
1360 - 2720 plates

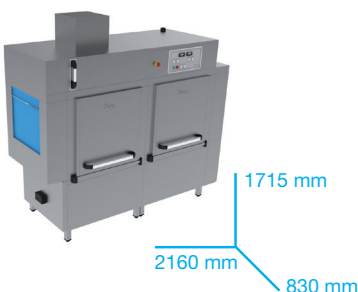
Usable wash height 420 mm

Power 35 Kw

Voltage 230 - 400 V / III / 50 - 60 Hz

Water consumption per hour 280 liters

Technology SD WE LHS EA



A-2460-T

Pre-wash / Wash / Triple Rinse / Drying

Speeds 2

Output per hour 85 - 170 baskets
1360 - 2720 plates

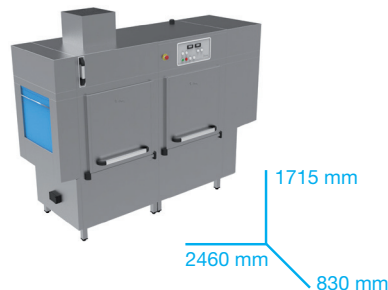
Usable wash height 420 mm

Power 41 Kw

Voltage 230 - 400 V / III / 50 - 60 Hz

Water consumption per hour 280 liters

Technology SD WE LHS EA



A-2820-T ECO

Pre-wash / Wash / Eco-rinse / Drying

Speeds 2

Output per hour 105 - 210 baskets
1680 - 3360 plates

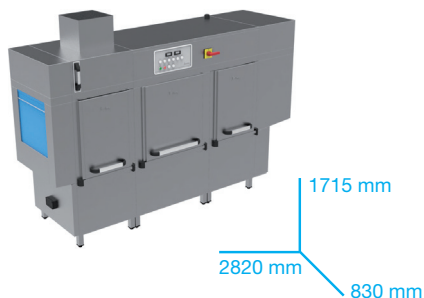
Usable wash height 420 mm

Power 47 Kw

Voltage 230 - 400 V / III / 50 - 60 Hz

Water consumption per hour 280 - 300 liters

Technology SD ER WE LHS EA DHP



A-2980-T

Pre-wash / Wash / Triple Rinse / Drying

Speeds 2

Output per hour 105 - 210 baskets
1680 - 3360 plates

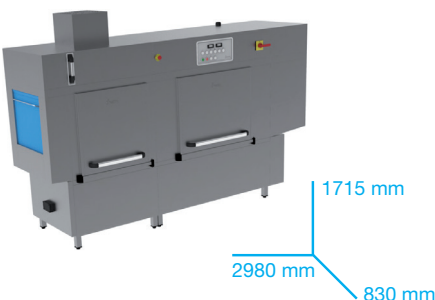
Usable wash height 420 mm

Power 41 Kw

Voltage 230 - 400 V / III / 50 - 60 Hz

Water consumption per hour 280 - 300 liters

Technology SD WE LHS EA DHP



A-3340-T ECO

Pre-wash / Wash / Eco-rinse / Drying

Speeds 2

Output per hour 105 - 210 baskets
1680 - 3360 plates

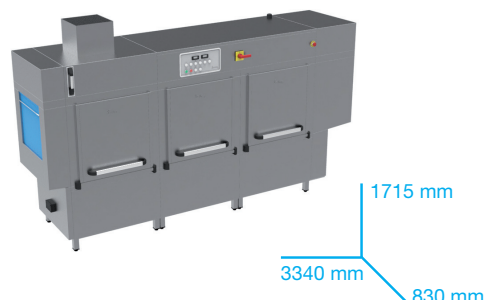
Usable wash height 420 mm

Power 47 Kw

Voltage 230 - 400 V / III / 50 - 60 Hz

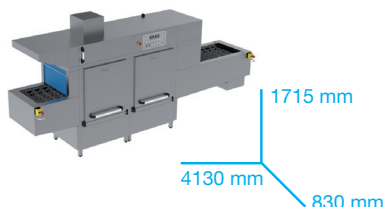
Water consumption per hour 280 - 300 liters

Technology SD ER WE LHS EA DHP

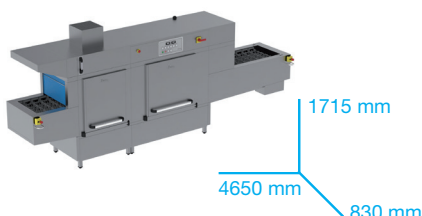


C-4130-T

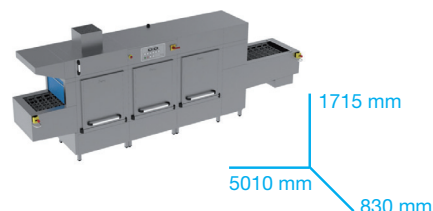
Pre-wash / Wash / Triple Rinse / Drying

Speeds 2**Output per hour** 1800 - 2800 plates**Usable wash height** 420 mm**Power** 41 Kw**Voltage** 230 - 400 V / III / 50 - 60 Hz**Water consumption per hour** 280 liters**Technology** SD WE LHS EA**C-4650-T**

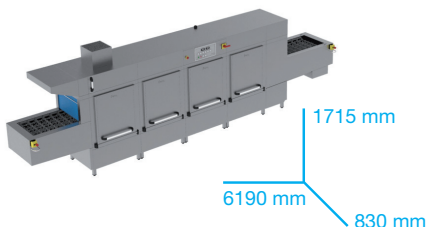
Pre-wash / Wash / Triple Rinse / Drying

Speeds 2**Output per hour** 2200 - 3400 plates**Usable wash height** 420 mm**Power** 41 Kw**Voltage** 230 - 400 V / III / 50 - 60 Hz**Water consumption per hour** 280 liters**Technology** SD WE LHS EA DHP**C-5010-T ECO**

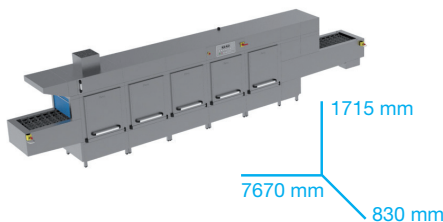
Pre-wash / Wash / Eco-rinse / Drying

Speeds 2**Output per hour** 2200 - 3400 plates**Usable wash height** 420 mm**Power** 47 Kw**Voltage** 230 - 400 V / III / 50 - 60 Hz**Water consumption per hour** 280 - 300 liters**Technology** SD ER WE LHS EA DHP**C-6190-T ECO**

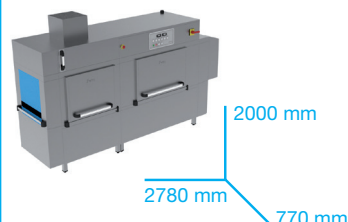
Pre-wash / Double Wash / Eco-rinse / Drying

Speeds 2**Output per hour** 2600 - 4000 plates**Usable wash height** 420 mm**Power** 61 Kw**Voltage** 230 - 400 V / III / 50 - 60 Hz**Water consumption per hour** 280 - 320 liters**Technology** SD ER WE LHS EA DHP**C-7670-TT ECO**

Pre-wash / Triple Wash / Eco-rinse / Double Drying

Speeds 2**Output per hour** 3250 - 5000 plates**Usable wash height** 420 mm**Power** 75 Kw**Voltage** 230 - 400 V / III / 50 - 60 Hz**Water consumption per hour** 280 - 320 liters**Technology** SD ER WE LHS EA DHP**LB-2780-T CV**

Wash / Double Rinse / Drying / EPS Advance

Speeds 2**Output per hour** 800 trays**Usable wash height** 100 mm**Power** 36 Kw**Voltage** 230 - 400 V / III / 50 - 60 Hz**Water consumption per hour** 220 liters**Technology** SD EA**Technology**

SD **Smart Detector Tray**
Automatic detection of racks for precise rinse.

ER **Eco-Rinse**
Efficient triple rinse, with pre-rinse action and final rinse covering 360°.

WE **Waterfall-Effect**
Automatic water cleansing process using a waterfall-effect system.

LHS **Lateral Hidro Stream** (Optional)
Lateral wash arm system.

EA **EPS Advance** (Optional)
Steam condensation system and 25 % energy reuse.

DHP **Duo Heat Pump Effect** (Optional)
Advanced and innovative steam condensation system and 40 % energy saving.

Additional information

Power performance has been calculated with a hot water supply of 40 - 50 °C.

The working direction of the cycle is subject to client's choice, i.e. from right to left or from left to right.

Customisation Rack Conveyor

Possibility to select the required modules / sections to make up a customised rack conveyor tunnel dishwasher.

Composition information:

- “Power wash + Rinse” and “Eco-Rinse” units exclude each other.
- The neutral unit performs the draining and drying operation. It is recommended that you place it between the following units / processes:
Power wash – Eco-rinse; Power wash + Rinse or Eco-rinse - Dry.

Made to
measure,
adaptable and
versatile tunnel
dishwashers.

Required standard components

Loading unit (200 mm)

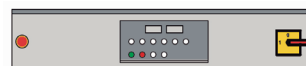


Offloading unit (200 mm)



*In case to not to take any
module output or
mechanized dryer with
drying curve 90°.*

Electrical switch box and control panel



Special features

420 mm standard height.
Usable entrance height can be
potentially increased:

- + 50 mm
- + 100 mm
- + 150 mm
- + 200 mm

	Pre-wash	Wash	Wash + Rinse
Modul 620 mm			
Modul 880 mm	Corner Pre-wash entrance		
Modul 1400 mm			

Tables

Pre-wash – Loading



1,150 mm sink and shower



1,150 mm sink, shower, scrapping hole and basket



1,150 mm two sink and shower

Exit - Offloading



1,150 mm flat with end-of-cycle stop system



1,150 mm flat with end-of-cycle stop system and shelves for racks



1,150 mm roller unit with end-of-cycle stop system

Customisable tables

Table size and design can potentially be customised.

- ✓ Special width and length
- ✓ Corner table
- ✓ Addition of sink, shower unit, scrapping hole and shelves for racks.

Curves



90 ° Mechanical

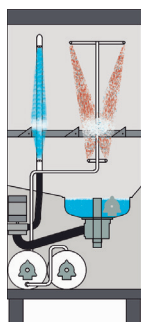


180 ° Mechanical

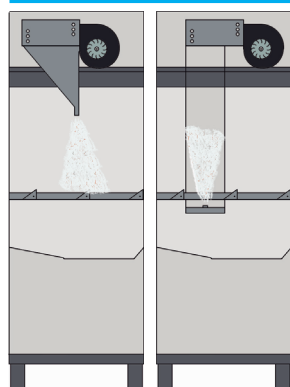


180 ° Motor-driven

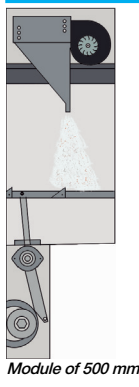
Eco-rinse



Drying

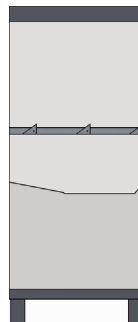


Offloading



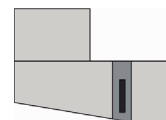
Module of 500 mm

Neutral



Options

EPS ADVANCE

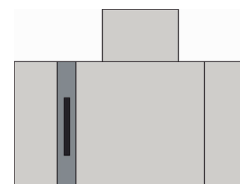


Installation for machine composition without pre-wash unit.



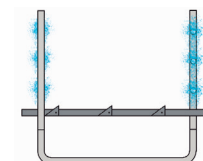
Installation for machine composition with pre-wash unit.

DUO HEAT PUMP



Installation for machine composition with pre-wash unit.

LATERAL HIDRO STREAM



Installation for pre-wash and/ or wash unit.

- ✓ Detergent and rinse dispensers
- ✓ Supplementary rinsing power (6 or 12 Kw)
- ✓ Stainless steel wash arms

Customisation Flight Conveyor

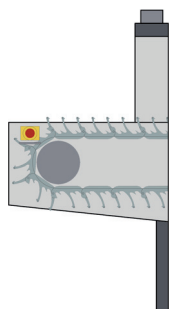
Possibility to select the required modules / sections to make up a customised flight conveyor tunnel dishwasher.

Composition information:

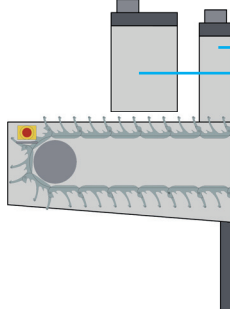
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- The neutral unit performs the draining and drying operation. It is recommended that you place it between the following units / processes: Power wash – Eco-rinse; Power wash + Rinse or Eco-rinse - Dry.

LOADING Modules

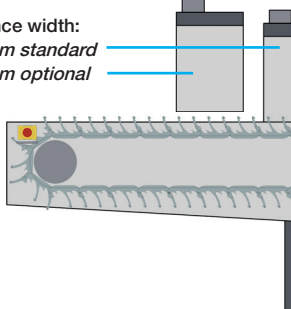
720 mm



1020 mm



1320 mm



Entrance width:
150 mm standard
300 mm optional

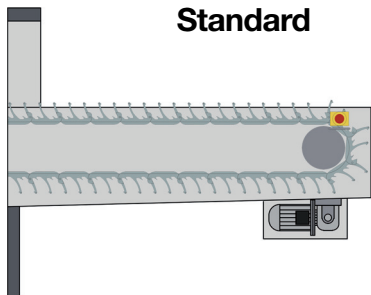
Made to
measure,
adaptable
and versatile
tunnel
dishwashers.

	Pre-wash	Wash	Wash + Rinse	Eco-rinse
Modul 620 mm				
Modul 880 mm				
Modul 1400 mm				

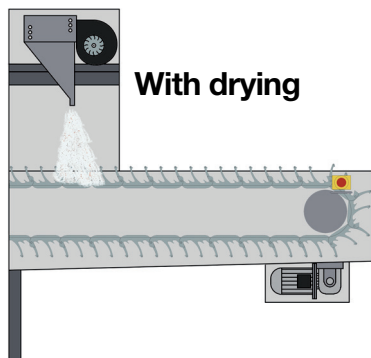
OFFLOADING Modules

1650 mm

Standard

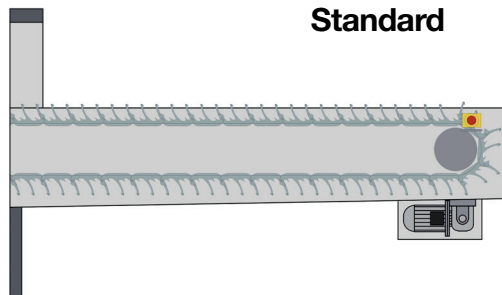


With drying

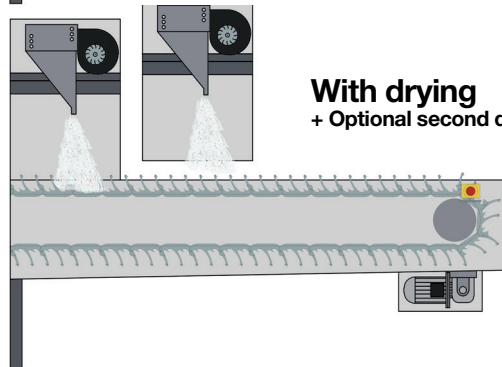


2250 mm

Standard



With drying
+ Optional second drying



Special features

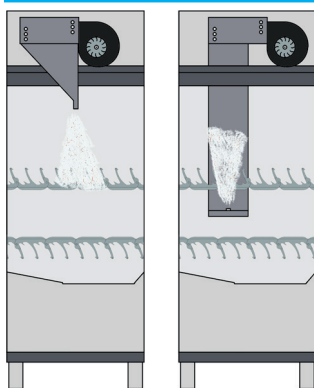
420 mm standard height
Usable entrance height can be potentially increased:

- + 50 mm
- + 100 mm
- + 150 mm
- + 200 mm

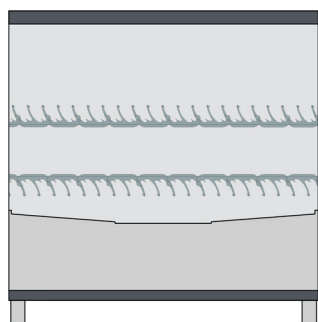
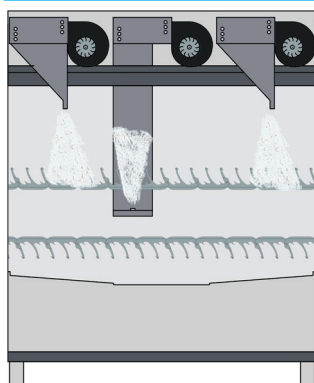
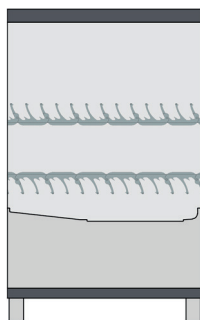
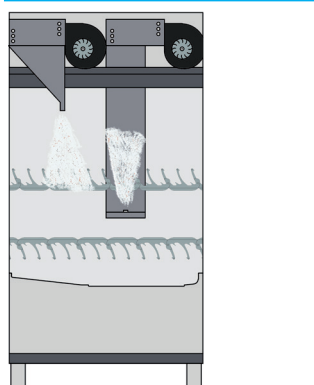
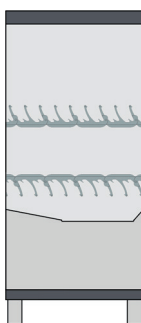
530 mm standard width
Usable entrance width can be potentially increased:

- + 100 mm
- + 200 mm
- + 300 mm

Drying

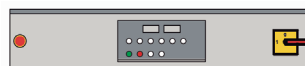


Neutral



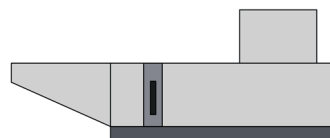
Required standard components

Electrical switch box and control panel

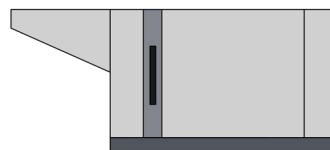


Options

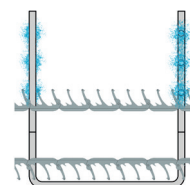
EPS ADVANCE



DUO HEAT PUMP



LATERAL HIDRO STREAM



Installation for pre-wash and/ or wash unit.

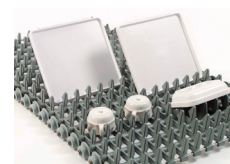
- ✓ Detergent and rinse dispensers
- ✓ Supplementary rinsing power (6 or 12 Kw)
- ✓ Stainless steel wash arms

Chain types

For dishware



For catering



For trays



For GN containers, pots and boxes









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