



ecowize

PROTECTING YOUR BRAND

Industrial Washing
Systems





ecowize

Industrial washing systems

efficient, cost-saving and reliable

Ecowize is one of South Africa's leading hygiene and sanitation service providers to the food, pharmaceutical and healthcare industries. Founded in 1993, our company has become synonymous with high performance, high compliance cleaning solutions. This includes hygiene and sanitation support services, professional outsourced advisory services and select environmental services.

Industrial washing systems

Our industrial washing systems let you clean load carriers such as crates, pallets or boxes. Our systems are economical with the use of water, energy and cleaning agents. For efficient management of costs and the environment. Moreover, our installations are user-friendly and ergonomically responsible. The Ecowize washing systems are of proven quality. Thinking ahead is in our DNA. Thinking ahead, but with proven principles.

Service

Service is our keyword. After you invest in our products, we continue to work with you. For maintenance and/or repairs, our daily operating mobile service vans carry the right equipment and knowledge on board. This enables us to provide you with optimal disposal in the short and long term. A complete package of solutions, therefore, always with a strong focus on you as our customer.

Our development principles

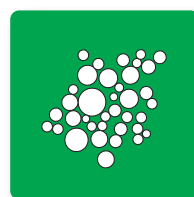
The four basic elements of our approach:



Temperature



Time



Chemicals



Mechanical force



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Conditions

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Index

Quality and safety	8
Areas of application	10
Load carriers	11
Crate washers and blow off units	
EKW-1500	12
EKW-2500	14
EKW-3500	16
EKW-5000	18
EKW-6000	20
EKW-7000	22
EAB-ST	24
Options and accessories	26
Bin washers	
ENW-20	30
Options and accessories	36
Box washer	
EDW-20	32
Options and accessories	36
Pallet washer	
EPW-45	34
Options and accessories	36
Utensil washers	
Utensil washers	37

Quality and safety

are important to us



Quality IE pumps

Our industrial washing systems contain high-quality IE pumps. These pumps produce a higher output than conventional pumps.



Rinse sensors

To avoid wasting water unnecessarily, our rinse zones are equipped with sensors that detect the presence of crates. If none is detected, the arch will stop in order to save water.



Modular structure

Thanks to their modular structure, Ecowize washers are available in many sizes. Depending on the room, washing capacity and how long the crate remains in the washer, our experts and resellers can tell you which type of washer is recommended for your purposes.



Safety provisions

Our industrial washing systems are equipped with proven safety devices. For example, the system will shut down when someone opens the maintenance doors or when the pumps are about to run dry.



Stainless steel

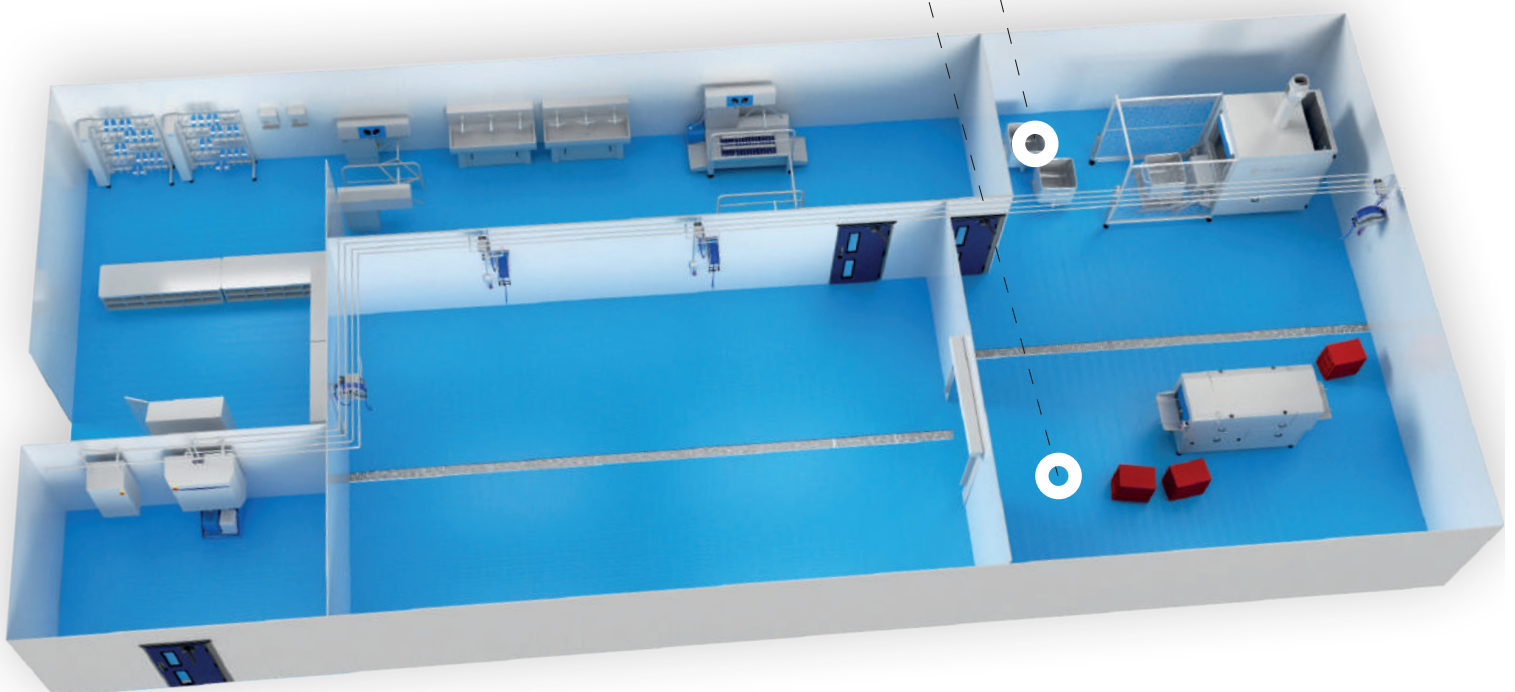
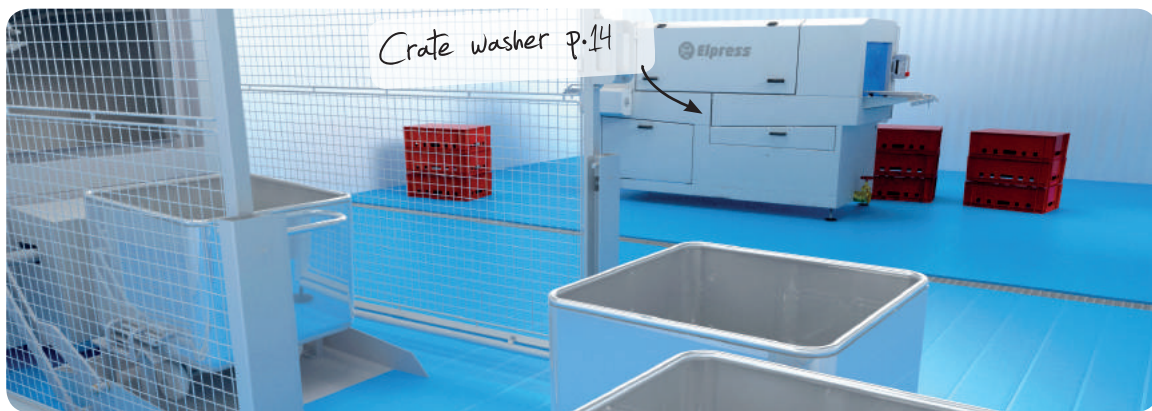
The stainless steel we produce is processed by means of ceramic blasting. This results in a more hygienic surface roughness than, for example, the polishing or brushing of stainless steel. Our surface roughness of only 0.8 μm is ideal for the food industry.



Accessibility

High degrees of accessibility ensure that the washing systems can be easily approached for cleaning and maintenance purposes. In addition, the control panels have an uncomplicated and efficient design.

Industrial washroom



Areas of application

our industrial washing systems have a wide range of uses



Meat and fish industry

Our washing systems are used where the focus is on the slaughtering, further processing, enrichment, packaging and distribution of animals, such as beef cattle, pigs, chickens and fish. The predominant types of contamination are blood, fat, proteins and combinations of these, each of which needs to be dealt with in a specific way.



Bakeries

In this industry, the focus is on washing and drying systems for small and large bread production lines, patisserie, (dough) finished products and semi-manufactured goods. The predominant types of contamination are dough, fat and chocolate residues (sugar). Ecowize also supplies systems for the washing of pans and baking moulds.



PVF

The processing, packing and distribution of potatoes, vegetables and fruit. The (further) processing of these products makes them susceptible to attack by bacteria, which emphasises how important it is to clean and dry the crates and containers properly. Types of contaminant include starch, sugars and fruit acids.



Dairy

The treatment, processing, packing and distribution of dairy-related products. Our washing systems are used both for raw milk products and in the further processing industry, such as the cheese and ice-cream industries. Contaminants that arise during production processes mainly consist of proteins and fats.



Confectionery

In the confectionery industry, our systems are particularly popular for the processing of liquorice, chocolate and sweets. The contaminants that are found here include sugar, syrup and dough residues.



Logistics

In this industry, Ecowize washing systems are predominantly used in logistics (cask pool) organisations. This service industry is noted for a wide range of contaminants and crate/container types, with the focus being on achieving the right level of hygiene and a low cost price per crate.

Load carriers

crates, bins, casks, pallets, vats, moulds, standard containers...

The customer-specific standard

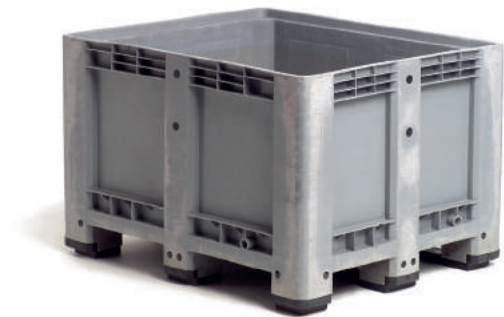
Process simplification comes high on our agenda. Our industrial washing systems have a modular structure. Their design also takes account of a wide range of different load carriers. This enables us to make our standard washing systems more customer-specific in return for an attractive investment.



CBL crate



E2 crate



Pallet box



H1 pallet



EPS crate



Poulterer's crate

Crate washer

EKW-1500



Overview

- Suitable for crates with maximum dimensions of 600 x 400 mm (based on E-crates).
- The capacity of this unit is a maximum of 170 crates per hour with a staying time of 45 seconds.
- The crates are passed through the unit with a track width of 600 mm.
- The maximum crate height is 410 mm.

Safety

- Emergency stop on control panel.
- Water level switch in wash tank to prevent the pumps from running dry.
- Protective cap over rotating parts.

Versions:

- ▶ EKW-1500
Main wash & rinse zone
Article number:
83101125

Case study

and technical information



The EKW-1500, with optional one-person operation.

General

Voltage	400V - 50Hz / 3 phase / earth
Fuse / A	3 x 25 (from)
Transport chain	Plastic
Drive / kW	0.18
Water consumption/ ltr / crate	0.3 - 0.5
Length / mm	2462
Width / mm	1184
Height / mm	1649

Per zone

Length / mm	1500
Tank capacity / ltr	180
Output per pump / kW	1x 3.0
Pump capacity / m3 / hour	24
Nozzles	Stainless steel
Filter	Filter tray
Water connection	3/4"
Overflow	2"
Drain	3"

Main wash zone

Length / mm	1500
Tank capacity / ltr	180
Output per pump / kW	1x 3.0
Pump capacity / m3 / hour	24
Nozzles	Stainless steel
Filter	Filter tray
Water connection	3/4"
Overflow	2"
Drain	3"

Rinse zone

Integrated	-
	-
	-
	-
	-
	-
	-
	-
	-

Crate washer

EKW-2500



Overview

- Suitable for crates with maximum dimensions of 600 x 400 mm (based on E-crates).
- The capacity of this unit is a maximum of 400 crates per hour with a staying time of 45 seconds.
- The crates are passed through the unit with a track width of 400 or 600 mm.
- The maximum crate height is 300 mm.

Safety

- Emergency stop on control panel.
- Water level switch in wash tank to prevent the pumps from running dry.
- Protective cap over rotating parts.

Versions:

- ▶ EKW-2500
Main wash & rinse zone
Article number:
83101150
- ▶ EKW-2500 + EAB-1-ST
Main wash, rinse
& blow-off zone
Article number:
83101151

Case study

and technical information



The EKW-2500.

General

Voltage
Fuse / A
Transport chain
Drive / kW
Water consumption/ ltr / crate
Length / mm
Width / mm
Height / mm

EKW-2500

400V - 50Hz / 3 phase / earth
3 x 25 (from)
Plastic
0.18
0.3 - 0.5
3390
1231
1600

EKW-2500 + EAB-1-ST

400V - 50Hz / 3 phase / earth
3 x 25 (from)
Plastic
0.18
0.3 - 0.5
5907
1616
1600

Per zone

Length / mm
Tank capacity / ltr
Power per pump / kW
Capacity / m3 / hour
Nozzles
Filter
Water connection
Overflow
Drain
Power per fan

Main wash zone

2500
350
1 x 5.5
42
Plastic click-nozzles
Filter tray
1/2"
2 1/2"
3"

Rinse zone

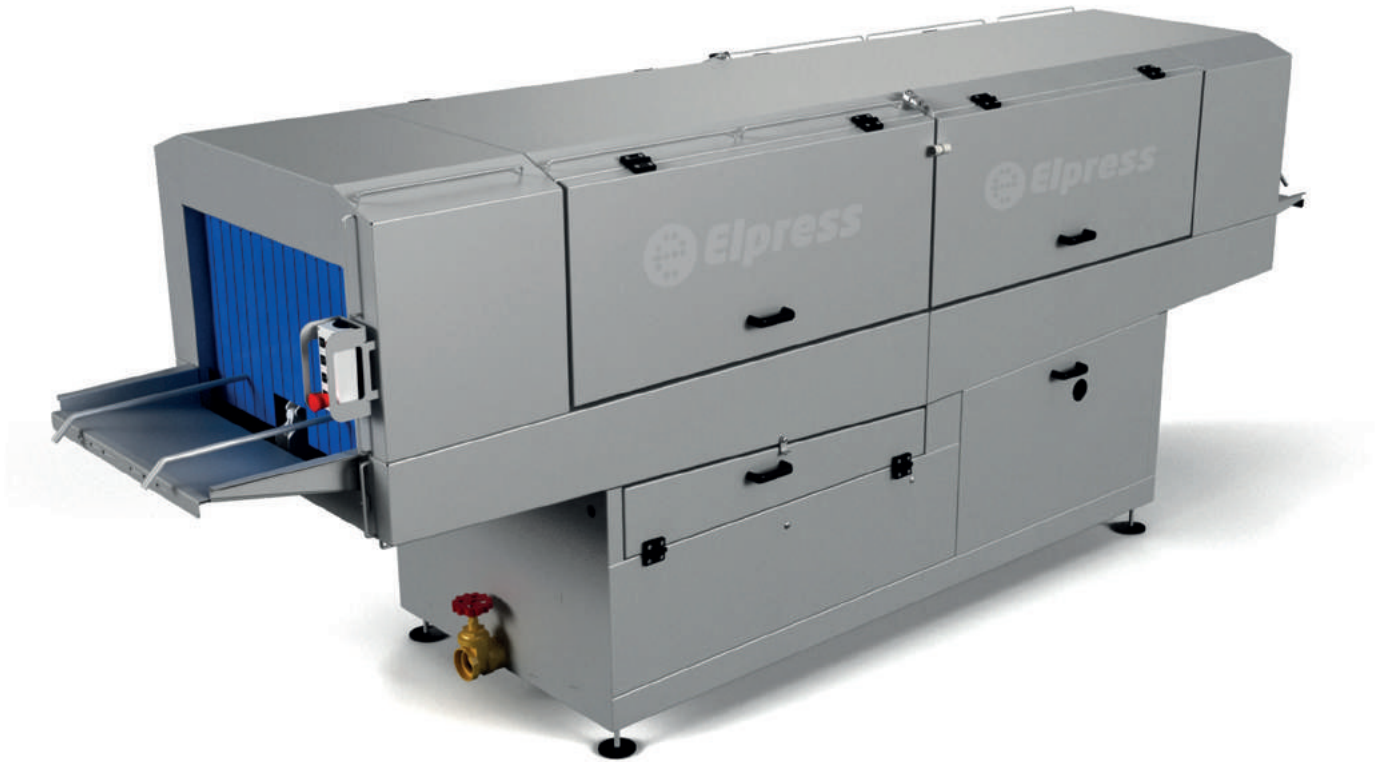
Integrated
-
-
-
-
1/2"
-
-

Blow-off zone

2500
-
-
1500 m3 at 6000 Pa
-
-
-
1/2"
1 x 5,5

Crate washer

EKW-3500



Overview

- Suitable for crates with maximum dimensions of 600 x 400 mm (based on E-crates).
- The capacity of this unit is a maximum of 560 crates per hour with a staying time of 45 seconds.
- The crates are passed through the unit with a track width of 400 or 600 mm.
- The maximum crate height is 300 mm.

Safety

- Emergency stop on control panel.
- Water level switch in wash tank to prevent the pumps from running dry.
- Protective cap over rotating parts.

Versions:

- ▶ EKW-3500
Main wash & rinse zone
Article number:
83101350
- ▶ EKW-3500 + EAB-1-ST
Main wash, rinse
& blow-off zone
Article number:
83101351

Case study

and technical information



The EKW-3500, with optional one-person operation.

General

Voltage
Fuse / A
Transport chain
Drive / kW
Water consumption/ ltr / crate
Length / mm
Width / mm
Height / mm

EKW-3500

400V - 50Hz / 3 phase / earth
3 x 25 (from)
Plastic
0.18
0.3 - 0.5
4389
1231
1600

EKW-3500 + EAB-1-ST

400V - 50Hz / 3 phase / earth
3 x 25 (from)
Plastic
0.18
0.3 - 0.5
6888
1616
1600

Per zone

Length / mm
Tank capacity / ltr
Power per pump / kW
Capacity / m3 / hour
Nozzles
Filter
Water connection
Overflow
Drain
Power per fan

Main wash zone

3500
350
1 x 7.5
48
Plastic click-nozzles
Filter tray
1/2"
2 1/2"
3"

Rinse zone

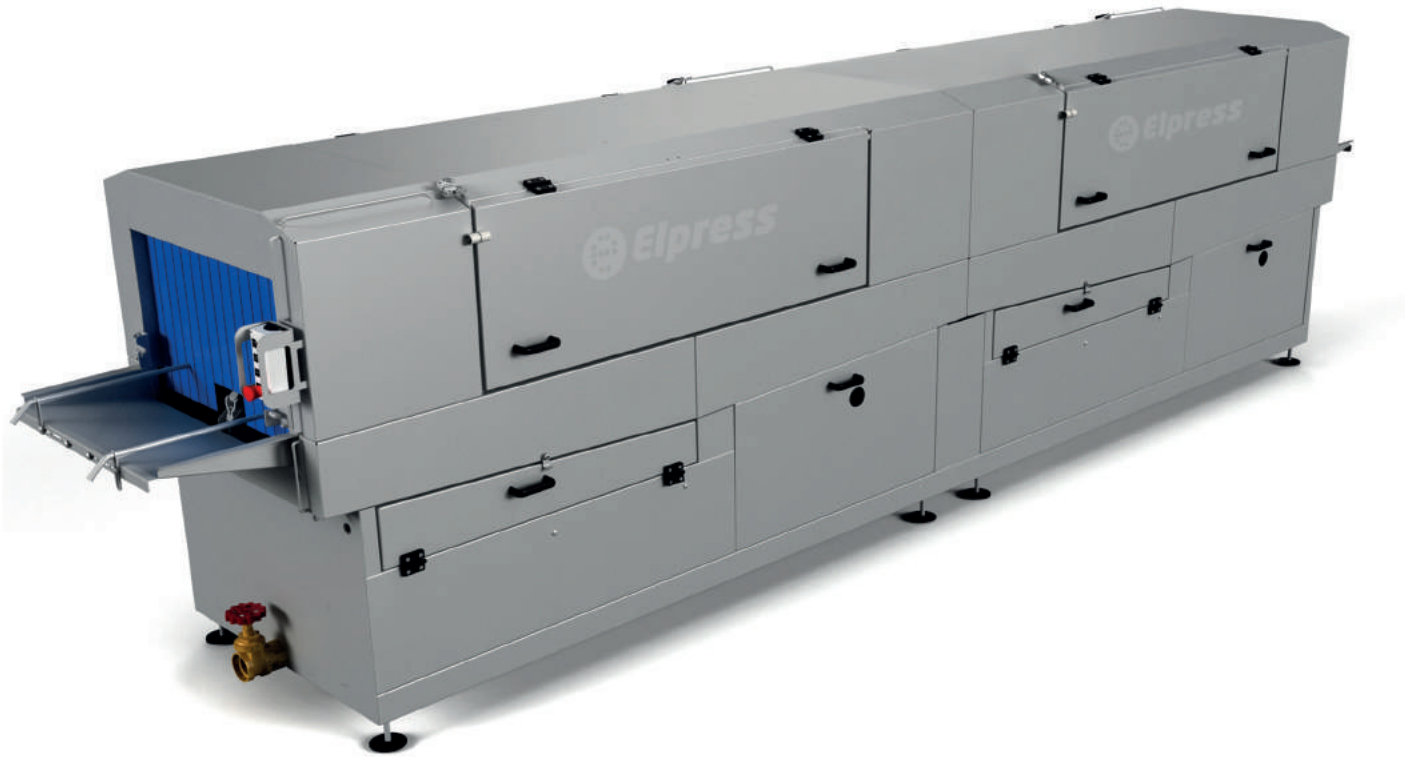
Integrated
-
-
-
-
1/2"
-
-

Blow-off zone

2500
-
-
1500 m3 at 6000 Pa
-
-
1/2"
1 x 5.5

Crate washer

EKW-5000



Overview

- Suitable for crates with maximum dimensions of 600 x 400 mm (based on E-crates).
- The capacity of this unit is a maximum of 800 crates per hour with a staying time of 45 seconds.
- The crates are passed through the unit with a track width of 400 or 600 mm.
- The maximum crate height is 300 mm.

Safety

- Emergency stop on control panel.
- Water level switch in wash tank to prevent the pumps from running dry.
- Protective cap over rotating parts.

Versions:

- ▶ EKW-5000
Pre-wash, main wash & rinse zone
Article number:
83101650
- ▶ EKW-5000 + EAB-2-ST
Pre-wash, main wash, rinse & blow-off zone
Article number:
83101651

Case study

and technical information



The EKW-5000, easy adjustment and replacement of nozzles.

General

Voltage
Fuse / A
Transport chain
Drive / kW
Water consumption/ ltr / crate
Length / mm
Width / mm
Height / mm

EKW-5000

400V - 50Hz / 3 phase / earth
3 x 32 (from)
Plastic
0.18
0.3 - 0.5
5889
1231
1600

EKW-5000 + EAB-2-ST

400V - 50Hz / 3 phase / earth
3 x 50 (from)
Plastic
0.18
0.3 - 0.5
8389
1616
1600

Per zone

Length / mm
Tank capacity / ltr
Power per pump / kW
Capacity / m³ / hour
Nozzles
Filter
Water connection
Overflow
Waste
Power per fan

Pre-wash zone

2500
350
1 x 5.5
42
Plastic click-nozzles
Filter tray
1/2"
2 1/2"
3"
-

Main wash zone

2500
350
1 x 5.5
42
Plastic click-nozzles
Filter tray
1/2"
2 1/2"
3"
-

Rinse zone

Integrated
-
-
-
-
1/2"
-
-
-

Blow-off zone

2500
-
-
3000 m³ at 6000 Pa
-
-
-
1/2"
2 x 5,5

Crate washer

EKW-6000



Overview

- Suitable for crates with maximum dimensions of 600 x 400 mm (based on E-crates).
- The capacity of this unit is a maximum of 960 crates per hour with a staying time of 45 seconds.
- The crates are passed through the unit with a track width of 400 or 600 mm.
- The maximum crate height is 300 mm.

Safety

- Emergency stop on control panel.
- Water level switch in wash tank to prevent the pumps from running dry.
- Protective cap over rotating parts.

Versions:

- ▶ EKW-6000
Pre-wash, main wash & rinse zone
Article number:
83101750
- ▶ EKW-6000 + EAB-2-ST
Pre-wash, main wash, rinse & blow-off zone
Article number:
83101751

Case study

and technical information



The EKW-6000, the filter tray is easy to take out.

General

Voltage
Fuse / A
Transport chain
Drive / kW
Water consumption/ ltr / crate
Length / mm
Width / mm
Height / mm

EKW-6000

400V - 50Hz / 3 phase / earth
3 x 32 (from)
Plastic
0.18
0.3 - 0.5
6888
1231
1600

EKW-6000 + EAB-2-ST

400V - 50Hz / 3 phase / earth
3 x 63 (from)
Plastic
0.18
0.3 - 0.5
9388
1616
1600

Per zone

Length / mm
Tank capacity / ltr
Power per pump / kW
Capacity / m³ / hour
Nozzles
Filter
Water connection
Overflow
Waste
Power per fan

Pre-wash zone

2500
350
1 x 5.5
42
Plastic click-nozzles
Filter tray
1/2"
3"
3"
-

Main wash zone

3500
350
1 x 7.5
48
Plastic click-nozzles
Filter tray
1/2"
3"
3"
-

Rinse zone

Integrated
-
-
-
-
1/2"
-
-

Blow-off zone

2500
-
-
3000 m³ at 6000 Pa
-
-
1/2"
2 x 5,5

Crate washer

EKW-7000



Overview

- Suitable for crates with maximum dimensions of 600 x 400 mm (based on E-crates).
- The capacity of this unit is a maximum of 1120 crates per hour with a staying time of 45 seconds.
- The crates are passed through the unit with a track width of 400 or 600 mm.
- The maximum crate height is 300 mm.

Safety

- Emergency stop on control panel.
- Water level switch in wash tank to prevent the pumps from running dry.
- Protective cap over rotating parts.

Versions:

- ▶ EKW-7000
Pre-wash, main wash & rinse zone
Article number:
83101850
- ▶ EKW-7000 + EAB-2-ST
Pre-wash, main wash, rinse & blow-off zone
Article number:
83101851

Case study

and technical information



The EKW-7000, close-up of the control panel.

General

Voltage
Fuse / A
Transport chain
Drive / kW
Water consumption/ ltr / crate
Length / mm
Width / mm
Height / mm

EKW-7000

400V - 50Hz / 3 phase / earth
3 x 40 (from)
Plastic
0.18
0.3 - 0.5
7888
1231
1600

EKW-7000 + EAB-1-ST

400V - 50Hz / 3 phase / earth
3 x 63 (from)
Plastic
0.18
0.3 - 0.5
10388
1616
1600

Per zone

Length / mm
Tank capacity / ltr
Power per pump / kW
Capacity / m³ / hour
Nozzles
Filter
Water connection
Overflow
Waste
Power per fan

Pre-wash zone

3500
350
1 x 7.5
48
Plastic click-nozzles
Filter tray
1/2"
3"
3"
-

Main wash zone

3500
350
1 x 7.5
48
Plastic click-nozzles
Filter tray
1/2"
3"
3"
-

Rinse zone

Integrated
-
-
-
-
-
1/2"
-
-
-

Blow-off zone

2500
-
-
3000 m³ at 6000 Pa
-
-
-
1/2"
2 x 5,5

Blow off units

EAB-ST



Overview

- The air blades produce a powerful 'cutting' air flow that blows excess water off the crates.
- The EAB-ST can be used as a modular option after a standard EKW crate washer.
- The blower units contain powerful 5.5 kW motors with a capacity of 1500 m³ at 6000 Pa.
- The motors are safely hidden away in the stainless steel enclosure.

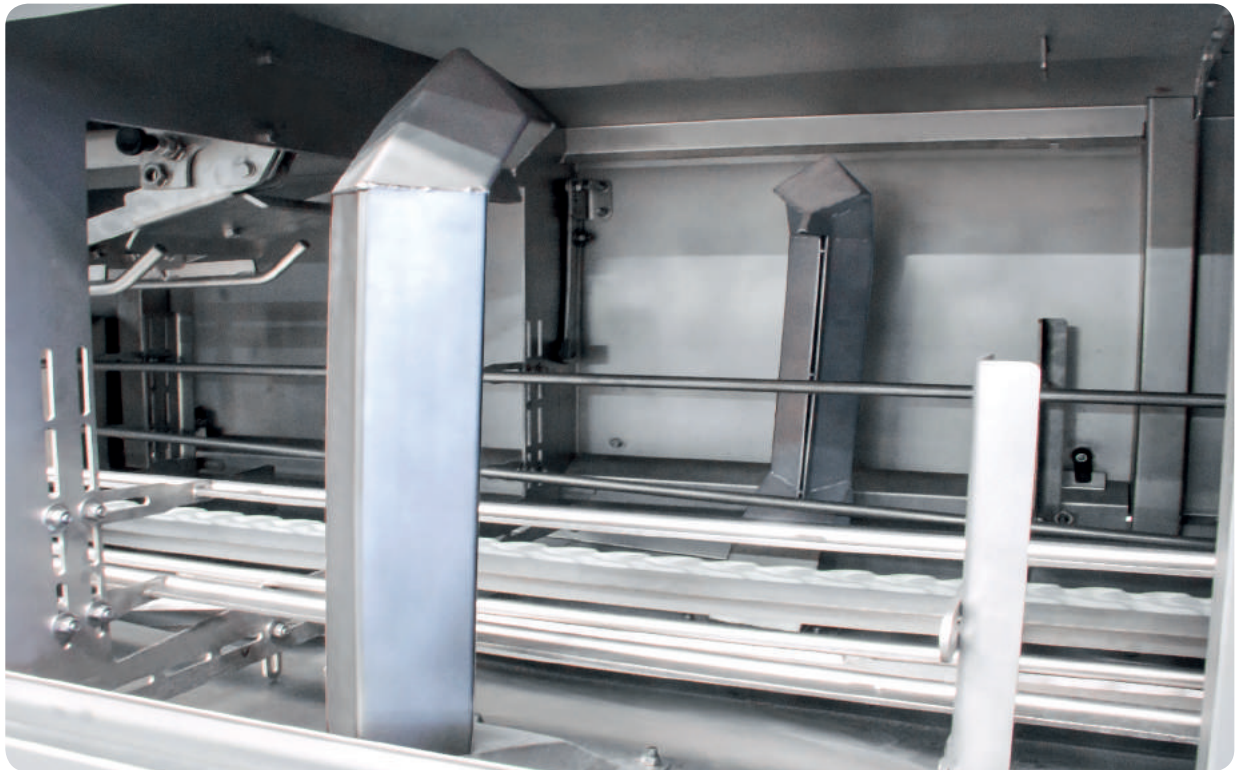
Versions:

- ▶ EAB-1-ST*
1 fan
Article number: 83107010
- ▶ EAB-2-ST*
2 fans
Article number: 83107020

** Also available as an execution with thermocell housing.*

Case study

and technical information



The inner workings of the EAB-1-ST, the air blades 'cut' the residual water from the crate.

General

Voltage
Fuse / A
Transport chain
Drive / kW
Length / mm
Width / mm
Height / mm
Number of fans
Power per pump / kW
Capacity / m³ / hour
Drain

EAB-1-ST

400V - 50Hz / 3 phase / earth
Dependent on EKW
Plastic
0.18
2500
1231
1600
1
5.5
1500 m³ at 6000 Pa
1/2"

EAB-2-ST

400V - 50Hz / 3 phase / earth
Dependent on EKW
Plastic
0.18
2500
1231
1600
2
5.5
3000 m³ at 6000 Pa
1/2"

Options and accessories

EKW serie



Dosing pump for detergent or rinsing agent



Vapour extraction



Adjustable speed of transport chain through frequency controller



Steam injection



Hot water coil



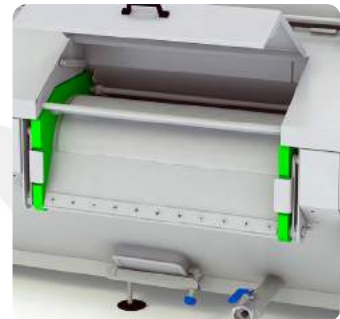
Electrical element



One-person operation



Infeed and outfeed conveyor



Rotating wedge-wire filter



Increased crate height crates up to 400 mm



Mobile version



Digital temperature display

Options and accessories

EKW serie

Article number	Description	Model					
		1500	2500	3500	5000	6000	7000
83109110	Dosing pump for detergent agent	✓	✓	✓	✓	✓	✓
83109115	Dosing pump for detergent - based on conductivity	✓	✓	✓	✓	✓	✓
83109120	Dosing pump for rinse agent	✓	✓	✓	✓	✓	✓
83109021	Vapour extraction		✓	✓	✓	✓	✓
83109002	Heating by steam injection - max. 8 bar		✓	✓	✓	✓	✓
83109005	Heating by hot water coil		✓	✓	✓	✓	✓
83109012	Heating by electrical element - 12 kW	✓					
83109015	Heating by electrical element - 20 kW		✓	✓	✓	✓	✓
83109020	Heating by electrical element - 30 kW		✓	✓	✓	✓	✓
83109150	Mobile version	✓	✓	✓			
83108025	Adjustable speed of transport chain - frequency controller - 20 - 70 Hz		✓	✓	✓	✓	✓
83109050	Digital temperature display		✓	✓	✓	✓	✓
83101049	One-person operation EKW-1500	✓					
83101050	One-person operation EKW-2500		✓				
83101051	One-person operation EKW-3500			✓			
83108000	Infeed conveyor with transport rollers - 1 meter		✓	✓	✓	✓	✓
83108010	Outfeed conveyor with transport rollers - 1 meter		✓	✓	✓	✓	✓
78800255	Plastic crate guides EKW-1500	✓					
78800254	Plastic crate guides EKW-2500/3500		✓	✓			
78800248	Plastic crate guides EKW-5000/6000/7000				✓	✓	✓
83108080	Rotating wedge-wire filter		✓	✓	✓	✓	✓
83108081	Wedge-wire filter tray		✓	✓	✓	✓	✓
83108055	Increased crate height: crates up to 400 mm EKW-2500/3500		✓	✓			
83108065	Increased crate height: crates up to 400 mm EKW-5000/6000/7000				✓	✓	✓
83107005	Upgrade from EAB-1-ST to EAB-2-ST blower unit		✓	✓			
83109045-X	Flow heater for after rinse zone	✓	✓	✓	✓	✓	✓



Plastic crate guides



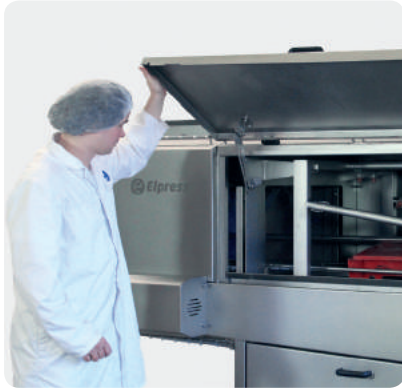
Flow heater for after rinse zone

Case studies

EKW series



◀ One-person operation



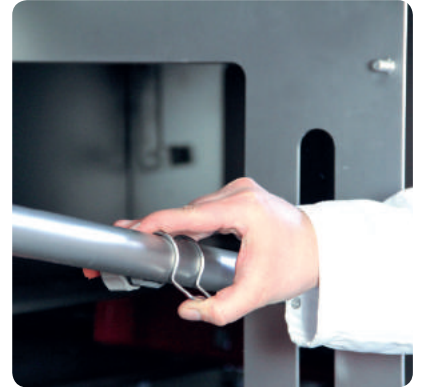
◀ Practical wing doors



◀ Solid plastic chain



◀ Accessible filter tray



Click-nozzles ▶
Step 1



Click-nozzles ▶
Step 2



Click-nozzles ▶
Step 3



Click-nozzles ▶
Step 4

Case studies

EKW series



◀ One-person operation;
adjustable and removable



Inserting crates during
one-person operation ▶



◀ Vapour extraction



One-person operation ▶



◀ EKW-3500 in practice



EKW interior ▶



◀ EKW 2500 with vapour extraction



EKW 3500 with one-person operation ▶

Bin washer

ENW-20



Overview

- Capacity of 20 bins per hour.
- Dimensions of the bins as per DIN 9797:
 - 200 litre - 790 x 675 x 700 mm (lxwxh)
 - 300 litre - 790 x 675 x 950 mm (lxwxh)

Safety

- Bin detection by means of sensors on the safety railings.
- Emergency stop on control panel and safety railing.
- Water level switch in wash tank to prevent the pumps from running dry.
- Protective cap over rotating parts.

Versions:

- ▶ ENW-20
Main wash & rinse program
Article number:
83103005

Case study

and technical information



The ENW-20.

General

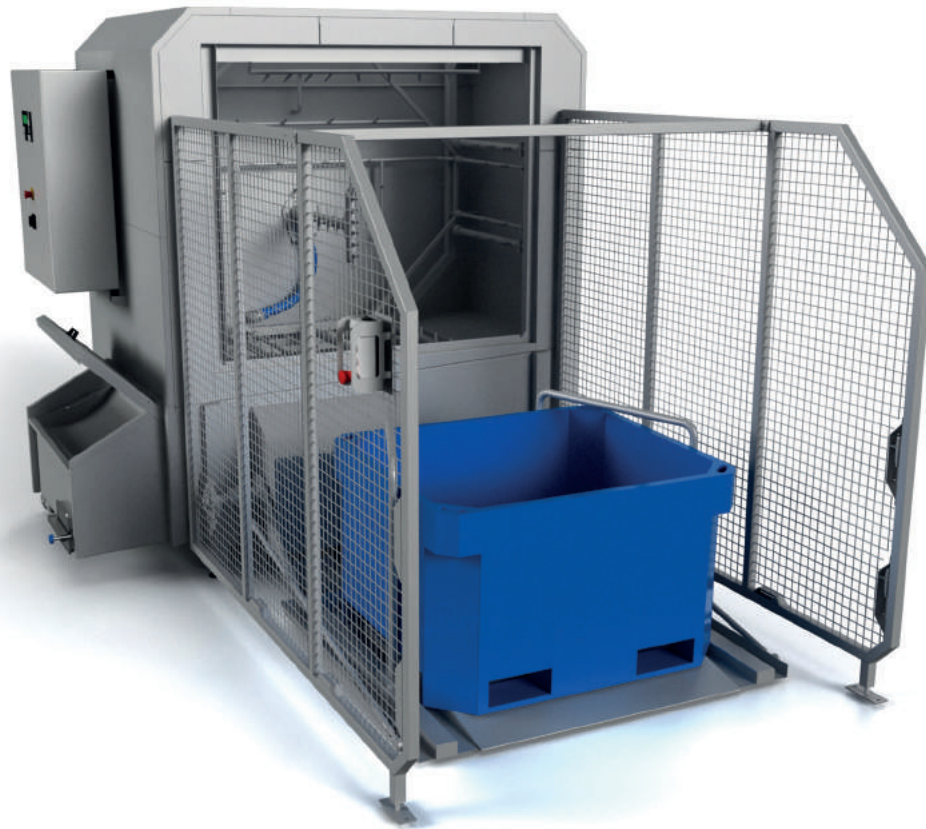
Voltage
Fuse / A
Drive / kW
Controller
Length / mm
Width / mm
Height / mm
Length including safety fence / mm
Power of pump / kW
Pump capacity / m³ / hour
Tank capacity / ltr
Nozzles
Filter
Water connection
Overflow
Waste
Manhole / mm
Water consumption/ ltr / bin
Isolation tank

ENW-20

400V - 50Hz / 3 phase / earth
3 x 25 (from)
1 x 0.25 - 1 x 0.18
Siemens LOGO + display
1720
1530
1950
3620
7,5
48
400
Stainless steel
Filter tray
2 x 1/2"
2 1/2"
3"
-
5
Single

Box washer

EDW-20



Overview

- Capacity of 20 boxes per hour.
- Dimensions of the boxes:
 - 1200 x 800 x 800 mm (l_xw_xh)
 - 1200 x 1000 x 800 mm (l_xw_xh)
- Can be adjusted to the desired cleaning level by means of options.

Versions:

- ▶ EDW-20
Main wash & rinse program
Article number:
83104000

Safety

- Box detection by means of sensors on the safety railings.
- Emergency stop on control panel and safety railing.
- Water level switch in wash tank to prevent the pumps from running dry.
- Protective cap over rotating parts.

Case study

and technical information



The EDW-20.

General

Voltage
Fuse / A
Drive / kW
Controller
Length / mm
Width / mm
Height / mm
Length including safety fence / mm
Power of pump / kW
Pump capacity / m³ / hour
Tank capacity / ltr
Nozzles
Filter
Water connection
Overflow
Drain
Manhole / mm
Water consumption/ ltr / box
Isolation tank

EDW-20

400V - 50Hz / 3 phase / earth
3 x 32 (from)
1 x 0.37 - 1 x 0.18
Siemens PLC + KTP 600 (panel)
1820
2600
2450
3900
11
72
740
Stainless steel
External wedge-wire filter
3/4"
2 1/2"
3"
230 x 180
5
Double

Pallet washer

EPW-45



Overview

- Capacity of 70 pallets per hour.
- Dimensions of the pallets:
 - 1200 x 800 x 120 mm (l_xw_xh)
 - 1200 x 1000 x 120 mm (l_xw_xh)
- Can be adjusted to the desired cleaning level by means of options.

Versions:

- ▶ EPW-45
Main wash & rinse zone
Article number:
83105000

Safety

- Emergency stop on control panel and safety railing.
- Water level switch in wash tank to prevent the pumps from running dry.
- Protective cap over rotating parts.

Case study

and technical information



The EPW-45 with automated feed and removal.

General

Voltage
Fuse / A
Drive / kW
Controller
Length / mm
Width / mm
Height / mm
Infeed height of pallets / mm
Power of pump / kW
Pump capacity / m³ / hour
Tank capacity / ltr
Nozzles
Filter
Water connection
Overflow
Waste
Manhole / mm
Water consumption/ ltr / pallet

EPW-45

400V - 50Hz / 3 phase / earth
3 x 32 (from)
0.55
Siemens LOGO + display
5900
917
2226
700
5.5
48
280
Stainless steel
Filter tray
3/4"
40 mm
2"
230 x 180
6

Options and accessories

ENW / EDW / EPW series



Dosing pump for cleaning or rinsing agent



Vapour extraction



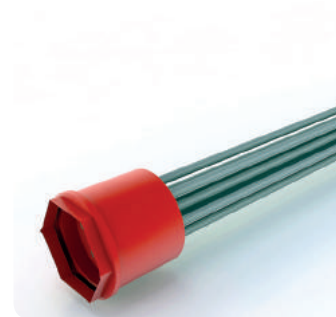
Norm bin frame for EDW-20



Steam injection



Hot water coil

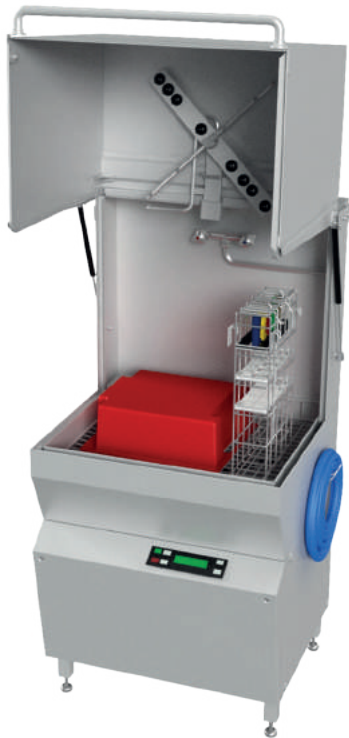


Electrical element

Article number	Description
83109110	Dosing pump for cleaning agent
83109115	Dosing pump for detergent - based on conductivity
83109120	Dosing pump for rinse agent
83109217	Vapour extraction
83109002	Heating by steam injection - max. 8 bar
83109005	Heating by hot water coil
83109015	Heating by electrical element - 20 kW
83109020	Heating by electrical element - 30 kW
83104306	Norm bin frame for EDW-20

Utensil washers

ETW-10 / ETW-15



► Wash volume ETW-10:
610 x 690 x 635 mm (hxwx \times d)



► Wash volume ETW-15:
610 x 810 x 635 mm (hxwx \times d)

General

Width / mm	842	962
Depth / mm	745	745
Height closed / mm	1631	1631
Height open / mm	2088	2088
Electrical connection	400 V / PE / 50 Hz	400 V / PE / 50 Hz
Power / kW	8.5	9.5
Volume of wash tank / ltr	60	60
Capacity / ltr / minute	600	600
Volume of wash tank / ltr	13	13
Cleaning time / sec	20	20
Rinse water temperature / °C	85	85
Water consumption per cleaning cycle / ltr	6	3
Water connection	½"	½"
Nett weight (without water) / kg	175	185

ETW-10

Width / mm	842	962
Depth / mm	745	745
Height closed / mm	1631	1631
Height open / mm	2088	2088
Electrical connection	400 V / PE / 50 Hz	400 V / PE / 50 Hz
Power / kW	8.5	9.5
Volume of wash tank / ltr	60	60
Capacity / ltr / minute	600	600
Volume of wash tank / ltr	13	13
Cleaning time / sec	20	20
Rinse water temperature / °C	85	85
Water consumption per cleaning cycle / ltr	6	3
Water connection	½"	½"
Nett weight (without water) / kg	175	185

ETW-15

Width / mm	842	962
Depth / mm	745	745
Height closed / mm	1631	1631
Height open / mm	2088	2088
Electrical connection	400 V / PE / 50 Hz	400 V / PE / 50 Hz
Power / kW	8.5	9.5
Volume of wash tank / ltr	60	60
Capacity / ltr / minute	600	600
Volume of wash tank / ltr	13	13
Cleaning time / sec	20	20
Rinse water temperature / °C	85	85
Water consumption per cleaning cycle / ltr	6	3
Water connection	½"	½"
Nett weight (without water) / kg	175	185

The utensil washer can optionally be equipped with soap dispenser, integrated mixer tap and an external hose.

Utensil washers

ETW-17 / ETW-20



► Wash volume ETW-17:
640 x 810 x 635 mm (hxwxd)



► Wash volume ETW-20:
645 x 1010 x 635 mm (hxwxd)

General

Width / mm

Depth / mm

Height closed / mm

Height open / mm

Electrical connection

Power / kW

Volume of wash tank / ltr

Capacity / ltr / minute

Volume of wash tank / ltr

Cleaning time / sec

Rinse water temperature / °C

Water consumption per cleaning cycle / ltr

Water connection

Nett weight (without water) / kg

ETW-17

1082

745

1631

2088

400 V / PE / 50 Hz

16.5

76

585

25

20

85

8

½"

220

ETW-20

1280

745

1631

2088

400 V / PE / 50 Hz

16.5

95

2 x 600

25

20

85

10

½"

250

The utensil washer can optionally be equipped with soap dispenser, integrated mixer tap and an external hose.

Utensil washer

ETW-30



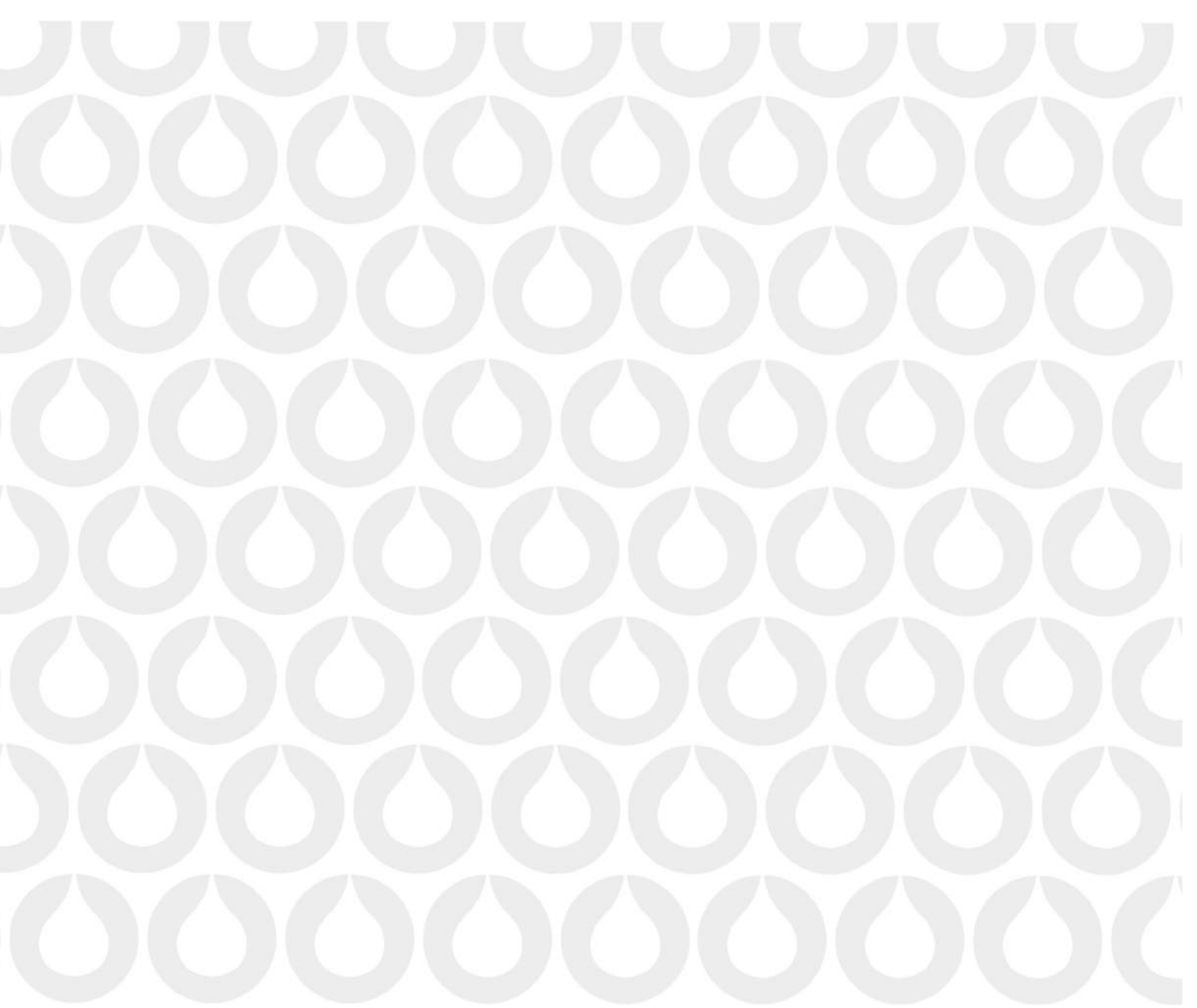
- Wash volume ETW-30:
645 x 1290 x 635 mm (hxwxd)

General

Width / mm	1555
Depth / mm	745
Height closed / mm	1631
Height open / mm	2088
Electrical connection	400 V / PE / 50 Hz
Power / kW	17.5
Volume of wash tank / ltr	125
Capacity / ltr / minute	600 + 950
Volume of wash tank / ltr	25
Cleaning time / sec	20
Rinse water temperature / °C	85
Water consumption per cleaning cycle / ltr	12
Water connection	½"
Nett weight (without water) / kg	280

ETW-30

The utensil washer can optionally be equipped with soap dispenser, integrated mixer tap and an external hose.



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