



INDUSTRIAL WASHING SYSTEMS

Quality equipment, securing maximum hygiene



To be the first choice for hygienic products by developing leading solutions and providing added value while spreading our knowledge and passion for hygiene.

Conditions

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ABOUT ELPRESS

Since 1976 ♥ for hygiene

Elpress is the leading manufacturer in the field of industrial hygiene. Our focus is on the delivery of total solutions: customer-focused systems that are expertly integrated into your business process. By simplifying processes and sharing knowledge, we can add value to your business with a complete product package.

INNOVATING FOR MORE THAN 45 YEARS

Elpress has been innovating for more than 45 years. We always manage to stay ahead of market developments by addressing the most divergent questions of hygiene in a highly inventive and successful way. We are proud to say that a number of our products are now considered the benchmark in our industry. We are only able to maintain this high level of innovation by having a balanced

team of professionals, who cover all possible disciplines, and by listening to you properly. In this way we are in a position to develop, produce, deliver and maintain efficient hygiene solutions.



Available
worldwide



Total
supplier



Made in
Holland



Innovative
organisation



Over 45 years
of experience



OUR **PRODUCT GROUPS**

WE ARE A TOTAL SUPPLIER

Our strength is that we are a total supplier; a single partner for all your hygiene-related affairs.



Personal Hygiene

Efficient personal hygiene cannot be underestimated, especially not in production environments where contamination via people is a risk factor.



Cleaning Systems

Our cleaning systems are extremely efficient, thrifty in the use of water and power, low maintenance and easy to operate.



Industrial Washing Systems

Our industrial washing systems let you clean load carriers, crates, pallets or boxes. For an efficient way to handle costs and the environment.



Components

Whether it's a high-pressure gun, spray nozzle or cleaning hose, our complete product range enables us to offer you a solution for every challenge.



Drainage

Elpress drains and gutters are of excellent and proven quality. The rounded shapes and smooth finish ensure that the water and dirt are removed without impediment.



Mechanical Handling Systems

The various lifts and tippers are designed to relieve your employees from having to do heavy lifting and are ideal for the accelerated emptying of load carriers.

EFFICIENT INDUSTRIAL WASHING SYSTEMS

RIGHT DOWN TO THE LAST DETAIL

Our industrial washing systems let you clean load carriers, crates, pallets or boxes. This means dealing efficiently with costs and the environment; our systems use water, energy and cleaning agents sparingly, but without detriment to the cleaning itself, of course. Moreover, our installations are user-friendly and ergonomically responsible. Elpress washing systems are of proven quality. Thinking ahead is in our DNA. Thinking ahead, but with proven principles.

The standard operation of a washing system

Load carriers such as crates, pallets, boxes, bins and drums are cleaned either as they move along on a transport chain or in a stationary washing system. Which cleaning phases are essential for your particular situation depends on, for example, the level of soiling or required washing time. Elpress utilises five cleaning phases:

1 Pre-wash zone or pre-wash programme

Load carriers are cleaned with spray nozzles at a low water temperature. This removes coarse dirt particles.

2 Main wash zone or main wash programme

During the main wash, the load carriers are cleaned with hot water applied via spray nozzles. In combination with the correct chemicals, fat and bacterial contamination are removed.

3 Optional sticker removal

Special dirt scrubbers are used (at high pressure) to accurately remove sticker and adhesive residues. The fine microfilter ensures that the washing water remains devoid of small particles and is thus suitable for re-use.

4 Rinse zone or rinse programme

In this zone, the products are rinsed with fresh cold or hot water, with the aim of effectively removing the cleaning agent/disinfectant.

5 Optional Blow-off zone

In the blow-off unit, any remaining water is blown off the load carriers by powerful stainless steel fans. Depending on the type and desired result, a minimum amount of moisture remains in the load carriers after they leave the blow-off unit.



START THE SCAN



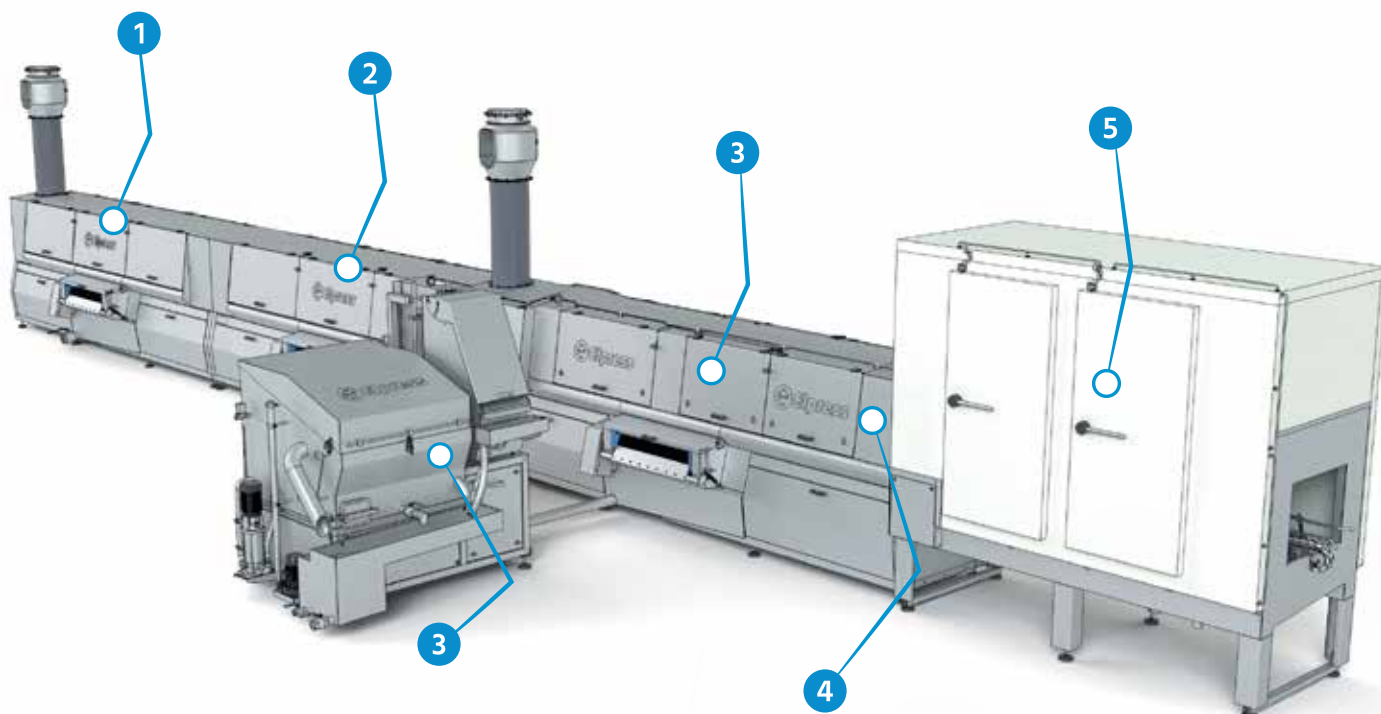
Washing systems suitable for various types of dirt

How do you get rid of several types of dirt in a single wash cycle? Our cleaning philosophy consists of a combination of temperature, time, chemical and mechanical force. By using these four elements in the right way, we enable the users of our industrial washing systems to achieve the desired cleaning result even with dirt such as:

- Proteins
- Blood residues
- Dried-on dirt
- Sticker and glue residues

Crate washer calculator

We can always discuss the possible purchase of a crate washer with you. If you wish, you can use our easy crate washer calculator to see for yourself which crate washer would best suit your business.



ELPRESS QUALITY, MADE IN HOLLAND

TOP-QUALITY, ENVIRONMENTALLY FRIENDLY AND SAFE WASHING SYSTEMS

At Elpress, we aim to offer solutions that are not only of the highest quality, but also environmentally friendly and safe. Our washing systems are produced entirely in-house, which allows us to respond quickly to changes in the market and react immediately to the latest developments.

Quality construction

Our washing systems are built using materials of the highest quality in order to guarantee long-lasting performance. We use stainless steel sheeting which is ceramic blasted to give the surface a roughness of just 0.8 µm. We also offer modular construction options, which means our systems can be flexibly adapted to different needs and requirements.

Safety based on EU standards

Safety always comes first at Elpress. Our washing systems meet the strictest EU standards and come with a range of safety features, including:

- Door locks
- Simple and intuitive operation
- Dry-running protection
- Emergency stop systems
- Safety barriers

This ensures that both users and the surrounding area are safe when our systems are being used.

Environmentally friendly and cost-efficient

We work hard to minimise our impact on the environment and at the same time save our customers money. Our washing systems offer a high uptime, which maximises productivity. We also make use of:

- Recirculation of the washing water
- Extraction of water vapour (optional)
- Heat recovery (optional)

Further energy savings are achieved through insulated outer walls (optional) and thoughtful water management within the system.

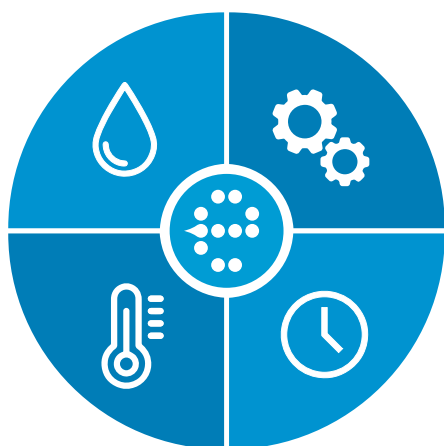
Sinner's Circle

The Sinner's Circle is applied to the cleaning process for load carriers. In the professional cleaning world, it is a 'tool' that consists of four function variables. These variables are applied in a certain ratio in order to be able to clean an object optimally.

The four variables are:

- Chemistry
- Mechanical force
- Temperature
- Time

Composing the right Sinner's Circle is extremely important in order to achieve an optimal cleaning process. We would be pleased to discuss this with you and share our experience in order to arrive at the perfect washing process.



LEGEND



Connectable to centralised chemical supplies



Adjustable parameters



Economical with water



Adjustable feet



Made from stainless steel



Available in a mobile version



Optionally available with cloud monitoring



Max. cleaning number of crates / materials per hour



Max. cleaning number of boxes / containers per hour



Max. cleaning number of pallets per hour



Max. cleaning number of norm bins per hour



Includes a pre-wash zone



Includes a main wash zone



Includes a rinse zone



Optionally available with blow-off zone

APPLICATIONS FOR INDUSTRIAL WASHING SYSTEMS

Our professional washing systems are suitable for use in various food and logistics sectors. Examples of industries and their contaminants are:

- Meat and fish industry: blood, fats, proteins and combinations of these
- Bakeries: dough, fat and chocolate residues (sugar)
- PVF: starch, sugars and fruit acids
- Dairy industry: proteins and fats
- Confectionery: sugar, syrup and dough
- Logistics

Stationary washing system

When choosing the right washing system, it is important to think hard about the number of load carriers that will have to be washed.

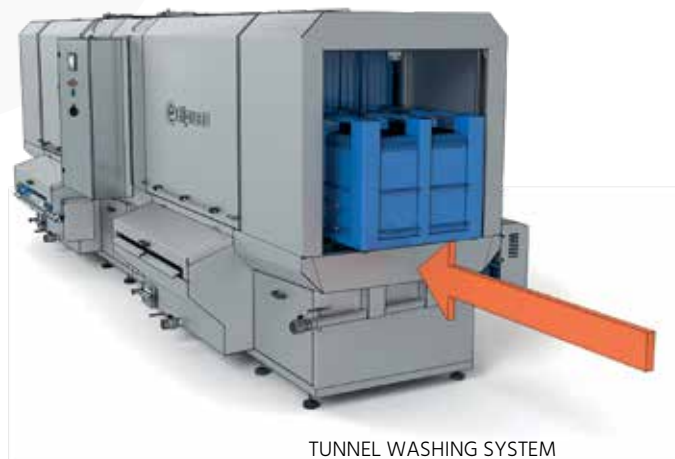
If small batches are loaded manually into the washer, a stationary washing system is the most suitable choice. This washing system offers a lot of control over the wash programme as the boxes are washed in a fixed place.



STATIONARY WASHING SYSTEM

Tunnel washing system

A tunnel washer is designed for continuous throughput of load carriers, making it ideal for high volumes and constant production processes. The load carriers are automatically fed through the washing systems, ensuring efficient and fast cleaning. A tunnel washer is also excellent as part of a new or existing conveyor system.

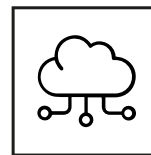


TUNNEL WASHING SYSTEM

Remote Monitoring

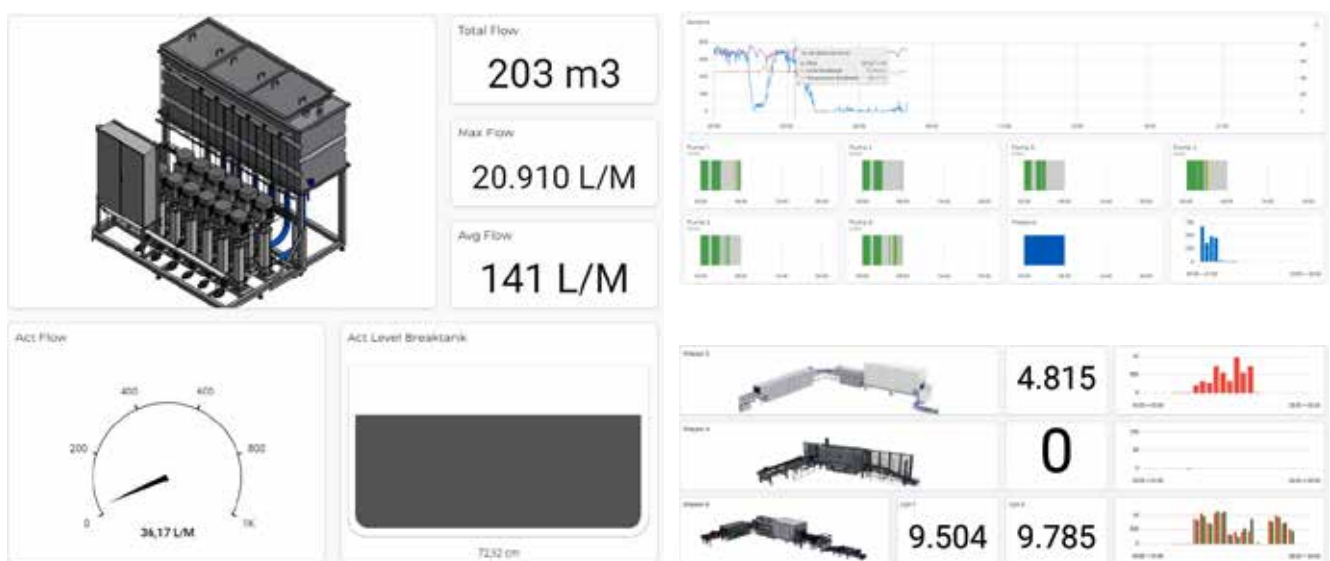
Elpress washing systems can be equipped with a special Remote Monitoring system via a cloud storage facility.

This system offers various advantages:



- Users can easily view, monitor or receive automated notifications of important parameters such as temperature, water level and transport speed. This ensures better control and efficiency during the washing process.
- Support and service from Elpress: The Remote Monitoring system enables Elpress to analyse installations remotely. This means we can read fault codes and even provide software-based service, allowing problems to be solved faster and more efficiently without the need for a technician to be on site right away.

The Remote Monitoring system provides not only ease of use and insight, but also enhanced service and maintenance capabilities for Elpress. This is an optional system that consists of a one-off start-up cost plus a subscription for the cloud storage.



CRATE WASHERS

Modular crate washers

The crate washers from Elpress ensure that all the dirt on the crate is removed in a single wash cycle. The used water is not lost, but cycles back automatically and is reused. The crate washers always comprise a main wash zone, where the crates are cleaned and the dirt removed, and the rinse zone, where the crates are rinsed off with clean water. This clean water flows through to the wash tank to refresh the washing water. The crate washer from Elpress can also be extended with a pre-wash zone, sticker remover and/or a blow-off unit.

A customised system can also be offered based on factors such as the number of crates to be cleaned, the dimensions of the crates and the desired functions. All our crate washers have the following:

- Siemens PLC control with optional remote control functionalities.
- Plastic conveyor chain that can be maintained per link.
- Click nozzles for easy maintenance.
- At least one wash zone and one rinse zone.

Tailor-made advice

Every situation is different and the expertise of our experienced specialists is often a plus when configuring your ideal crate washer. Our staff are therefore happy to assist you.



EXAMPLE LOAD CARRIERS



E-crates



CBL crates



PVF crates



Fish crates

CRATE WASHERS

EKW-1500

 170



STANDARD EQUIPPED
WITH ONE-PERSON
OPERATION



EKW-1500

LOAD CARRIERS

- Maximum dimensions of crate 600 x 400 mm (l x w)
- Track width 400 to 600 mm
- Crate height 100 to 375 mm

Type	EKW-1500
Article number	83101125
Length / mm	2500
Width / mm	1200
Height / mm	2100
Voltage / VAC	3x 400
Frequency / Hz	50
Power / kW	Depending on options
Water consumption / litres per crate	0.3 - 0.5
Max. number of crates per hour	170
Pre-wash zone	No
Main wash zone	Yes
Rinse zone	Integrated
Blow-off zone	No
Options	See page 20

CRATE WASHERS

EKW-2500

 400



EKW-2500

LOAD CARRIERS

- Maximum dimensions of crate 600 x 400 mm (l x w)
- Track width 400 to 600 mm
- Crate height 100 to 320 mm

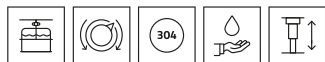
Type	EKW-2500
Article number	83101150
Length / mm	3400
Width / mm	1240
Height / mm	1600
Voltage / VAC	3x 400
Frequency / Hz	50
Power / kW	Depending on options
Water consumption / litres per crate	0.3 - 0.5
Max. number of crates per hour	400
Pre-wash zone	No
Main wash zone	Yes
Rinse zone	Integrated
Blow-off zone	Optional (see page 26)
Options	See page 20

CRATE WASHERS

EKW-3500



560



EKW-3500

LOAD CARRIERS

- Maximum dimensions of crate 600 x 400 mm (lxw)
- Track width 400 to 600 mm
- Crate height 100 to 320 mm

Type	EKW-3500
Article number	83101350
Length / mm	4400
Width / mm	1240
Height / mm	1600
Voltage / VAC	3x 400
Frequency / Hz	50
Power / kW	Depending on options
Water consumption / litres per crate	0.3 - 0.5
Max. number of crates per hour	560
Pre-wash zone	No
Main wash zone	Yes
Rinse zone	Integrated
Blow-off zone	Optional (see page 26)
Options	See page 20

CRATE WASHERS

EKW-5000

 800



EKW-5000

LOAD CARRIERS

- Maximum dimensions of crate 600 x 400 mm (lxw)
- Track width 400 to 600 mm
- Crate height 100 to 320 mm

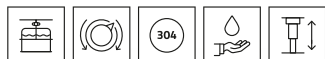
Type	EKW-5000
Article number	83101650
Length / mm	5900
Width / mm	1240
Height / mm	1600
Voltage / VAC	3x 400
Frequency / Hz	50
Power / kW	Depending on options
Water consumption / litres per crate	0.3 - 0.5
Max. number of crates per hour	800
Pre-wash zone	Yes
Main wash zone	Yes
Rinse zone	Integrated
Blow-off zone	Optional (see page 26)
Options	See page 20

CRATE WASHERS

EKW-6000



960



EKW-6000

LOAD CARRIERS

- Maximum dimensions of crate 600 x 400 mm (l x w)
- Track width 400 to 600 mm
- Crate height 100 to 320 mm

Type	EKW-6000
Article number	83101750
Length / mm	6900
Width / mm	1240
Height / mm	1600
Voltage / VAC	3x 400
Frequency / Hz	50
Power / kW	Depending on options
Water consumption / litres per crate	0.3 - 0.5
Max. number of crates per hour	960
Pre-wash zone	Yes
Main wash zone	Yes
Rinse zone	Integrated
Blow-off zone	Optional (see page 26)
Options	See page 20

CRATE WASHERS

EKW-7000

 1120



EKW-7000

LOAD CARRIERS

- Maximum dimensions of crate 600 x 400 mm (lxw)
- Track width 400 to 600 mm
- Crate height 100 to 320 mm

Type	EKW-7000
Article number	83101850
Length / mm	7900
Width / mm	1240
Height / mm	1600
Voltage / VAC	3x 400
Frequency / Hz	50
Power / kW	Depending on options
Water consumption / litres per crate	0.3 - 0.5
Max. number of crates per hour	1120
Pre-wash zone	Yes
Main wash zone	Yes
Rinse zone	Integrated
Blow-off zone	Optional (see page 26)
Options	See page 20

CRATE WASHERS

ECW

1000+



ECW-D-7000

High-capacity industrial crate washers

Elpress ECW crate washers are designed for high capacities and optimum performance, under intensive use. The ECW offers the perfect combination of durability, hygiene and ease of use.

Available in both single-track and double-track variants. With a double-track version, you can easily double the capacity, making the ECW ideal for companies that need to clean large numbers of crates within a limited space.

Contact our team for a customised, no-obligation quote, fully tailored to your situation.



ECW-10000

CRATE WASHERS

OPTIONS AND ACCESSORIES FOR EKW MODELS

Article number	Description	EKW model					
		1500	2500	3500	5000	6000	7000
83109110	Dosing pump for cleaning agent	✓	✓	✓	✓	✓	✓
83109115	Dosing pump for cleaning agent - conductive	✓	✓	✓	✓	✓	✓
83109135	Dosing pump for cleaning agent - inductive	✓	✓	✓	✓	✓	✓
83109120	Dosing pump for rinse agent	✓	✓	✓	✓	✓	✓
83109021	Steam extraction		✓	✓	✓	✓	✓
83109002	Heating by steam injection		✓	✓	✓	✓	✓
83109005	Heating by hot water coil		✓	✓	✓	✓	✓
83109012	Heating by electrical element - 12 kW	✓					
83109020	Heating by electrical element - 30 kW		✓	✓	✓	✓	✓
83109150	Mobile version	✓	✓	✓			
83108025	Adjustable speed of transport chain		✓	✓	✓	✓	✓
83101050	One-person operation - EKW-2500		✓				
83101051	One-person operation - EKW-3500			✓			
83108000	Infeed conveyor with transport rollers - 1 meter		✓	✓	✓	✓	✓
83108010	Outlet 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		✓	✓	✓	✓	✓
83108055	Crate height increased to 420 mm - EKW-2500/3500		✓	✓			
83108065	Crate height increased to 420 mm- EKW-5000/6000/7000				✓	✓	✓
83109045-X	Flow heater for rinse zone	✓	✓	✓	✓	✓	✓
83108071	Mobile container for dirt extraction filter		✓	✓	✓	✓	✓
XXXXXXX-B	Adjustable top guides		✓	✓	✓	✓	✓
XXXXXXX-Z	Adjustable side guides		✓	✓	✓	✓	✓

The above are our standard options. Do you have a specific requirement? Please contact us.



Dosing pump
for chemicals



Steam extraction



Heating by
steam injection



Heating by
hot water coil



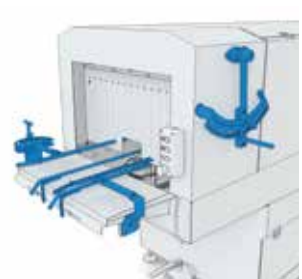
Heating by
electrical element



Mobile version



Adjustable speed
of transport chain



Adjustable guides



One-person operation



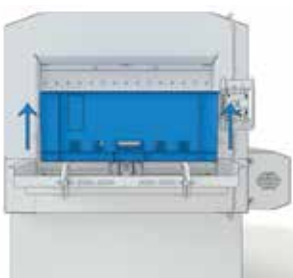
Input/output conveyor
with conveyor rollers



Plastic crate guides



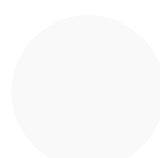
Rotating wedge-wire filter



Increased crate height



Mobile container for
dirt extraction filter



CRATE WASHERS



EKW-5000 with EBO-2-TC



Crate washer operating panel



EKW-1500 mobile version



EKW-5000



EKW-7000 with EBO-4-TC blow-off unit



EKW-3500 with one-person operation

STICKER REMOVAL

Sticker removal without extra water consumption

The sticker removal zone is integrated into a crate washer's main wash zone. After the pre-wash and main wash zones, the crates enter the sticker removal zone, which treats the crates on two (SR2) or four (SR4) sides. Sticker removal is done by high-pressure dirt mills driven by a separate high-power pump/filter unit. These dirt mills rotate at very high speed and 'cut' the stickers and glue residue off the crates.

Filtration of the water from the sticker removal zone takes place across 3 filters. The first filter is a rotating wedge-wire filter ① in the main wash zone for removing coarse sticker residue from the water. The second filter is a stationary wedge-wire filter ② and the third filter is a micro-filter ③ that filters out the smallest residues. The second and third filters are located by the external pump unit. Our unique filter process ensures that the washing water is constantly re-used. In this way, Elpress sticker removal is not only results-oriented and hygienic, but also as sustainable as possible.



STICKER REMOVAL UNITS

SR



SR-4

Type	SR-2	SR-4
	Two-sided removal	Four-sided removal
Article number	83109355	83109365
Voltage / VAC	3x 400	3x 400
Frequency / Hz	50	50
Power / kW	Depending on options	Depending on options
Working pressure / bar	100	100
Sticker removal zone		
Length / mm	3500	5000
Width / mm	1560	1560
Height / mm	1815	1815
External pump/filter unit		
Width / mm	2240	2240
Depth / mm	1660	1660
Height / mm	2330	2330

BLOW-OFF UNITS

Several Elpress washers can be fitted with a blow-off unit that blows off most of the residual water. In fact, blowing off crates means that load carriers can be immediately returned to the business process. A blow-off unit therefore contributes to more efficient operations.

High airspeed in the blow-off unit

In the blow-off unit, any remaining water is blown off the load carriers by powerful stainless steel fans. The blown off moisture is discharged outside via an outlet. The high airspeed in the blow-off unit and the specifically shaped blower nozzles ensure that the air rakes across the crates like a kind of 'air blade'. The load carrier is optimally blown off on all sides thanks to the targeted placement of the blower nozzles.

Blowing off the crates with warm air

Usually, only a minimal proportion of residual moisture is still present after the crates leave the washers. As the blow-off unit uses warm air, the crates come out of the unit warm. This speeds up the process of final drying, allowing a load carrier to be used again quickly.



BLOW-OFF UNIT

EAB-ST



EAB-2-ST

The EAB-ST can be combined with:

- EKW-2500
- EKW-3500
- EKW-5000
- EKW-6000
- EKW-7000

Type	EAB-1-ST	EAB-2-ST
Article number	83107010	83107020
Number of fans	1	2
Length / mm	2950	2950
Width / mm	1240	1240
Height / mm	1600	1600
Voltage / VAC	3x 400	3x 400
Frequency / Hz	50	50
Power / kW	5,5	11

BLOW-OFF UNIT

EBO-TC



EBO-4-TC

The EBO-TC can be combined with:

EKW-2500	EPW-45	All ECW models
EKW-3500	EKW-MB-2500	
EKW-5000	EKW-MB-3500	
EKW-6000	EKW-MB-5000	
EKW-7000	EKW-MB-7000	

Type	EBO-1-TC	EBO-2-TC	EBO-3-TC	EBO-4-TC	EBO-5-TC	EBO-6-TC
Article number	83107000	83107200	83107400	83107600	83107800	83107900
Number of fans	1	2	3	4	5	6
Length / mm	1910	1910	2960	3360	4535	5410
Width / mm	1500	1500	1500	1500	1500	1500
Height / mm	2750	2750	2750	2750	2750	2750
Voltage / VAC	3x 400	3x 400	3x 400	3x 400	3x 400	3x 400
Frequency / Hz	50	50	50	50	50	50
Power / kW	5,5	11	16,5	22	27,5	33

BLOW-OFF UNITS



EBO-4-TC inside



EBO-2-TC



Inside of EAB-1-ST



EBO-2-TC

NORM BIN AND BOX WASHERS

Professional norm bin and box washers

Norm bin and box washers are specialised industrial washing machine designed to clean large numbers of boxes and norm bins efficiently and thoroughly. During the main wash programme, a motor-driven rotating spray arm cleans both the inside and outside of the load carrier. The duration of the wash programme can be adjusted according to the level of dirt. This ensures that all surfaces on the inside of the load carrier, including the hard-to-reach corners and seams, are thoroughly washed. The pressure and amount of water can be adjusted depending on the level of dirt. After washing, the load carrier is rinsed with clean water in the rinse programme to remove all residues.

The advantages of Elpress norm bin and box washers

- Energy-efficient through advanced technologies.
- Available with various options.
- Consistent cleaning quality.
- The washers are designed to minimise water consumption.
- Time savings through automated cleaning.

EXAMPLE LOAD CARRIERS



Norm bins



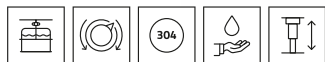
Dolav box / pallet box

STATIONARY NORM BIN WASHER

ENW-20



20



ENW-20

LOAD CARRIERS

Dimensions of the norm bins as per DIN 9797:

- 200 L – 790 x 675 x 700 mm (lxwxh)
- 300 L – 790 x 675 x 950 mm (lxwxh)

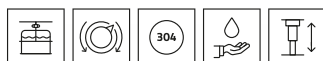
Type	ENW-20
Article number	83103005
Width / mm	1620
Depth / mm	3815
Height / mm	2070
Voltage / VAC	3x 400
Frequency / Hz	50
Power / kW	Depending on options
Water consumption / litres per norm bin	5
Max. number of norm bins per hour	20
Pre-wash programme	No
Main wash programme	Yes
Rinse programme	Yes
Blow-off programme	No
Options	See page 36

NORM BIN WASHER TUNNEL

ENW-5000



50



ENW-5000

STANDARD EQUIPPED WITH
INPUT AND OUTPUT SYSTEM

LOAD CARRIERS

Maximum dimensions of the norm bins as per DIN 9797:

- 790 x 675 x 700 (lxwxh) - ENW-5000
- 790 x 675 x 950 (lxwxh) - ENW-5000-L

Type	ENW-5000	ENW-5000-L
Article number	83103250	83103255
Length / mm	10850	10850
Width / mm	1910	1910
Height / mm	3200	3200
Voltage / VAC	3x 400	3x 400
Frequency / Hz	50	50
Power / kW	Depending on options	Depending on options
Water consumption / litres per norm bin	5	5
Max. number of norm bins per hour	50	50
Pre-wash zone	Yes	Yes
Main wash zone	Yes	Yes
Rinse zone	Integrated	Integrated
Blow-off zone	No	No
Options	See page 36	See page 36

STATIONARY BOX AND NORM BIN WASHER

EDW

 20
  20/40



EDW-1N

LOAD CARRIERS

Maximum dimensions of the boxes:

- See table

Dimensions of the norm bins as per DIN 9797:

- 200 L – 790 x 675 x 700 mm (l x w x h)
- 300 L – 790 x 675 x 950 mm (l x w x h)

Type	EDW-1N	EDW-2N	EDW-2N-L	EDW-XL
Article number	83104000	83104004	83104005	83104009
Max. dimensions of boxes / mm	1200 x 1000 x 800 (l x w x h)	1200 x 1000 x 1000 (l x w x h)	1200 x 1200 x 1200 (l x w x h)	1500 x 1500 x 1500 (l x w x h)
Max. dimensions of norm bins / mm	790 x 675 x 700 (l x w x h)	790 x 675 x 950 (l x w x h)	790 x 675 x 950 (l x w x h)	790 x 675 x 950 (l x w x h)
Width / mm	2085	2410	2410	2410
Depth / mm	3815	3815	4215	4830
Height / mm	2270	2270	2520	2885
Voltage / VAC	3x 400	3x 400	3x 400	3x 400
Frequency / Hz	50	50	50	50
Power / kW	Depending on options	Depending on options	Depending on options	Depending on options
Water consumption / litres per box	5	5	5	5
Max. number of boxes per hour	20	20	20	12
Max. number of norm bins per hour	20 (optional)	40 (optional)	40 (optional)	N/A
Pre-wash programme	No	No	No	No
Main wash programme	Yes	Yes	Yes	Yes
Rinse programme	Yes	Yes	Yes	Yes
Blow-off programme	No	No	No	No
Options	See page 36	See page 36	See page 36	See page 36

STATIONARY BOX AND NORM BIN WASHER

EDW-2N-L-LID

 20

 40



BOX LIDS
CAN ALSO
BE WASHED.



EDW-2N-L-LID

LOAD CARRIERS

Maximum dimensions of the boxes:

- 1200 x 1200 x 1200 mm (l x w x h)

Box lids:

- 1200 x 1200 x 50 mm (l x w x h)

Dimensions of the norm bins as per DIN 9797:

- 200 L – 790 x 675 x 700 mm (l x w x h)
- 300 L – 790 x 675 x 950 mm (l x w x h)

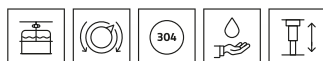
Type	EDW-2N-L-LID
Article number	83104006
Width / mm	3255
Depth / mm	4215
Height / mm	2525
Voltage / VAC	3x 400
Frequency / Hz	50
Power / kW	Depending on options
Water consumption / litres per box	5
Max. number of boxes per hour	20
Max. number of norm bins per hour	40
Max. number of lids per hour	20
Pre-wash programme	No
Main wash programme	Yes
Rinse programme	Yes
Blow-off programme	No
Options	See page 36

BOX WASHER TUNNEL

EDW



50-100



EDW-10000

LOAD CARRIERS

Maximum dimensions of the boxes:

1200 x 1000 x 1000 mm (l x w x h)

Type	EDW-5000	EDW-7500	EDW-10000
Article number	83104100	83104200	83104300
Length / mm	5000	7500	10000
Width / mm	2060	2060	2060
Height / mm	2600	2600	2600
Voltage / VAC	3x 400	3x 400	3x 400
Frequency / Hz	50	50	50
Power / kW	Depending on options	Depending on options	Depending on options
Water consumption / litres per box	6-8	6-8	6-8
Max. number of boxes per hour	50	75	100
Pre-wash zone	Yes	Yes	Yes
Main wash zone	Yes	Yes	Yes
Rinse zone	Integrated	Integrated	Integrated
Blow-off zone	No	No	No
Options	See page 36	See page 36	See page 36

NORM BIN AND BOX WASHERS

OPTIONS AND ACCESSORIES

Articlenumber	Description
83109110	Dosing pump for cleaning agent
83109115	Dosing pump for cleaning agent - conductive
83109135	Dosing pump for cleaning agent - inductive
83109120	Dosing pump for rinse aid - ENW-20 / EDW-1N
83109127	Dosing pump for rinse aid - Other models
83109217	Steam extraction
83109002	Heating by steam injection
83109003	Heating by hot water coil
83109020	Heating by electrical element - 30 kW
83104306	Norm bin frame for EDW-1N

The above are our standard options. Do you have a specific requirement? Please contact us.



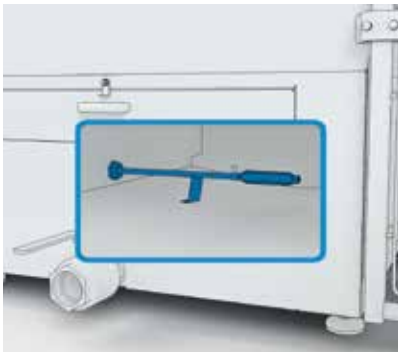
Dosing pump
for chemicals



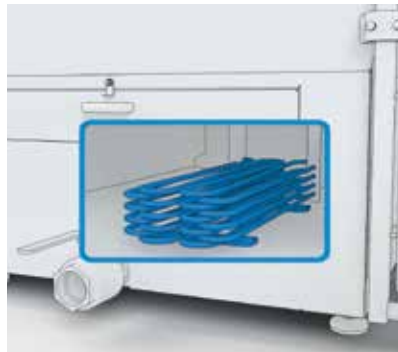
Steam extraction



Norm bin frame for EDW-1N



Heating by
steam injection



Heating by
hot water coil



Heating by
electrical element

NORM BIN AND BOX WASHERS



EDW-5000



ENW-20



Siemens LOGO control panel



EDW-5000



ENW-20



EDW-1N

PALLET WASHERS

Efficient and thorough pallet cleaning

An Elpress pallet washer offers cleaning power that ensures your pallets are thoroughly cleaned and ready to be used again in your operational processes. The cleaning process starts in the main wash zone, where powerful nozzles ensure optimal cleaning of the pallets and efficiently remove dirt. Configured for maximum cleaning results, the nozzles are supplied with water by a powerful yet energy-efficient pump.

The main wash is followed by the rinse zone, where the pallets are rinsed with clean water. The water supply is connected to the water mains and equipped with a rinse controller to optimise water consumption. A large number of stainless steel nozzles are also present here, ensuring thorough rinsing without wasting water and energy.

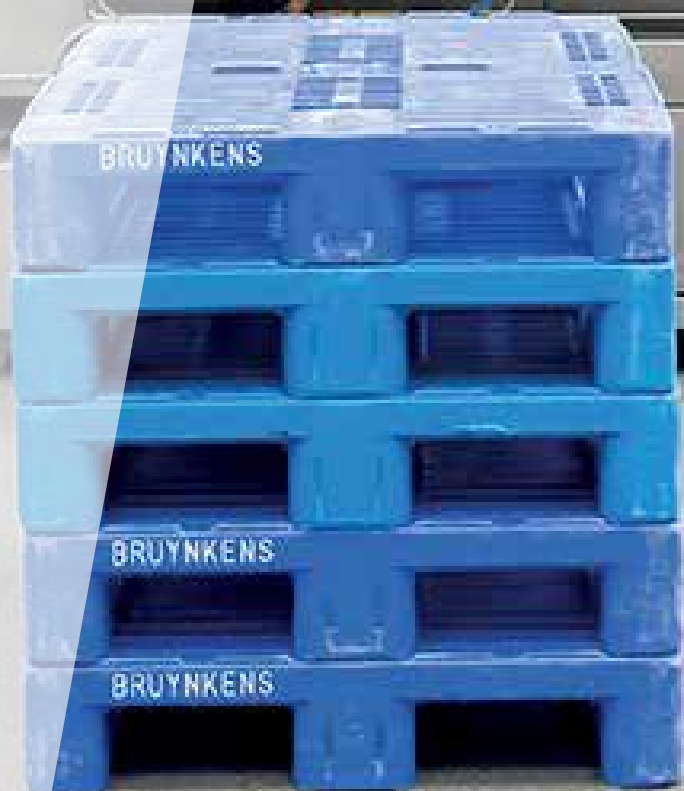
The benefits of Elpress pallet washers

- Energy-efficient through advanced technologies.
- Available with various options.
- Consistent cleaning quality.
- The washers are designed to minimise water consumption.
- Time savings through automated cleaning
- Savings on labour costs.

EXAMPLE LOAD CARRIERS



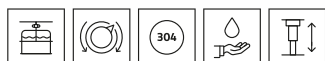
H1 Pallet



PALLET WASHER

EPW-45

 70



EPW-45

LOAD CARRIERS

Maximum dimensions of the pallets:

1200 x 1000 x 170 mm (l x w x h)

Type	EPW-45
Article number	83105000
Length / mm	5920
Width / mm	1350
Height / mm	2285
Voltage / VAC	3x 400
Frequency / Hz	50
Power / kW	Depending on options
Water consumption / litres per pallet	5
Max. number of pallets per hour	70
Pre-wash zone	No
Main wash zone	Yes
Rinse zone	Integrated
Blow-off zone	Optional (see page 26)
Options	See page 42

PALLET WASHERS

OPTIONS AND ACCESSORIES

Articlenumber	Description
83109110	Dosing pump for cleaning agent
83109115	Dosing pump for cleaning agent - conductive
83109135	Dosing pump for cleaning agent - inductive
83109120	Dosing pump for rinse aid
83109217	Steam extraction
83109002	Heating by steam injection - max. 8 bar
83109005	Heating by hot water coil
83109020	Heating by electrical element - 30 kW
83105060	Pallet lift

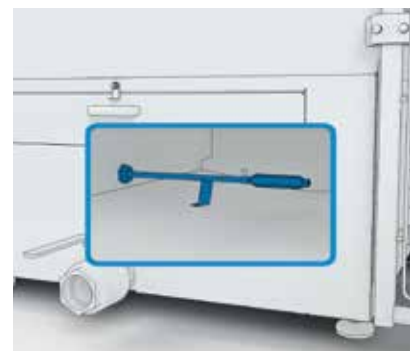
The above are our standard options. Do you have a specific requirement? Please contact us.



Dosing pump
for chemicals



Steam extraction



Heating by
steam injection



Heating by
hot water coil



Heating by
electrical element



Pallet lift

PALLET WASHERS



EPW-45



EPW-45



Inside of EPW-45

UTENSIL WASHERS

Cleaning different types of material

Tool washers are industrial washing solutions suitable for cleaning various types of tools, materials and equipment used in industrial and commercial environments. Some examples of items that can be cleaned in a tool washer are:

- Tools and hand tools
- Plates and trays
- Pots, buckets and boxes
- Bowls and platters
- Small equipment and accessories

Tunnel washer or stationary washer

The EKW-MB is a tunnel washer that moves tools and materials via a mesh belt. When the amount of materials per hour is high, a tunnel washer like the EKW-MB becomes an interesting option. When quantities are on the small side, one of the stationary ETW models is the perfect choice.



UTENSIL WASHER TUNNEL

EKW-MB



EKW-MB-3500

LOAD CARRIERS

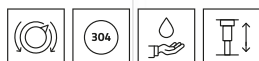
- Maximum width of materials 600 mm
- Height of materials 100 mm to 320 mm

Type	EKW-MB-2500	EKW-MB-3500	EKW-MB-5000	EKW-MB-7000
Article number	83101153	83101354	83101654	83101854
Length / mm	3620	4950	6450	8450
Width / mm	1240	1240	1240	1240
Height / mm	1600	1600	1600	1600
Voltage / VAC	3x 400	3x 400	3x 400	3x 400
Frequency / Hz	50	50	50	50
Power / kW	Depending on options	Depending on options	Depending on options	Depending on options
Pre-wash zone	No	No	Yes	Yes
Main wash zone	Yes	Yes	Yes	Yes
Rinse zone	Integrated	Integrated	Integrated	Integrated
Blow-off zone	Optional (see page 26)	Optional (see page 26)	Optional (see page 26)	Optional (see page 26)

Options: for these washing solutions, options are always selected in consultation with our specialists.

STATIONARY UTENSIL WASHERS

ETW



ETW-20

Optionally, the tool washer can be extended with a dosing pump, an integrated mixer tap and an external hose.

Type	ETW-10	ETW-15	ETW-17	ETW-20	ETW-30
Article number	78002418	78002419	78002421	78002422	78002423
Width / mm	842	962	1082	1280	1555
Depth / mm	745	745	745	745	745
Height / mm	1631	1631	1631	1631	1631
Voltage / VAC	3x 400	3x 400	3x 400	3x 400	3x 400
Frequency / Hz	50	50	50	50	50
Power / kW	8.5	9.5	16.5	16.5	17.5
Water consumption per programme / litres	4	6	8	10	12
Cleaning time / seconds	20	20	20	20	20
Main wash programme	Yes	Yes	Yes	Yes	Yes
Rinse programme	Yes	Yes	Yes	Yes	Yes

UTENSIL WASHERS



EKW-MB-5000



ETW-30



ETW-15

OTHER WASHING SYSTEMS

A washing system for every load carrier

Elpress has produced various systems for different load carriers. These include multi-purpose box and wheelie bin washers, knife holder washers or, for example, a washer for trolleys and smoking carts.

Customisation

Despite the fact that our product lines have been developed specifically for the market, from time to time Elpress receives requests for customisation. Our professional approach and knowledge of the market is our formula for a successful cooperation.

The most important aspects of an Elpress customised project:

- Multidisciplinary approach
- More than 45 years of experience
- Designed on the perfect Sinner's Circle

EXAMPLE LOAD CARRIERS



Poultry / live bird crates



Wheelie bins



Knife holders



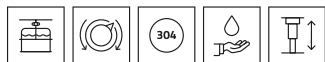
Smoking carts / trolleys

LIVE BIRD CRATE WASHER

ELB



330 - 1000



SPECIALLY DESIGNED FOR
LIVE BIRD CRATES



ELB-5000

LOAD CARRIERS

- Maximum dimensions of live bird crate 950 x 500 mm (lxw)
- Maximum live bird crate height 325 mm



Type	ELB-5000	ELB-7500	ELB-10000	ELB-12500	ELB-15000
Article number	83102805	83102815	83102825	83102835	83102845
Length / mm	5000	7500	10000	12500	15000
Width / mm	2780	2780	2780	2780	2780
Height / mm	1810	1810	1810	1810	1810
Voltage / VAC	3x 400	3x 400	3x 400	3x 400	3x 400
Frequency / Hz	50	50	50	50	50
Power / kW	Depending on options	Depending on options	Depending on options	Depending on options	Depending on options
Water consumption / litres per hour	340	520	680	850	1060
Max. number of crates per hour	330	500	660	820	1000
Heating - hot water coil	Yes	Yes	Yes	Yes	Yes
Dosing pump per wash tank	Yes	No	No	No	No
Frequency-controlled transport chain	Yes	Yes	Yes	Yes	Yes
Pre-wash zone	No	Yes	Yes	Yes	Yes
Main wash zone	Yes	Yes	Yes	Yes	Yes
Main wash zone 2	No	No	No	Yes	Yes
Rinse zone	Integrated	Integrated	Integrated	Integrated	Integrated

Options: for possible options for this washing solution, consult one of our specialists.

WHEELIE BIN WASHER

EDW-K

 40



EDW-K

LOAD CARRIERS

Maximum dimensions of the wheelie bins:

1000 x 1100 x 2000 mm (l x w x h)

Type	EDW-K
Article number	83104010
Width / mm	4415
Depth / mm	4415
Height / mm	2630
Voltage / VAC	3x 400
Frequency / Hz	50
Power / kW	Depending on options
Water consumption / litres per wheelie bin	5
Max. number of wheelie bins per hour	40
Pre-wash programme	No
Main wash programme	Yes
Rinse programme	Integrated
Blow-off programme	No

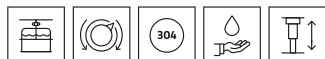
Options: for these washing solutions, options are always selected in agreement with our specialists.

KNIFE HOLDER WASHER

EDMR



220



EDMR-2500

Type	EDMR-2500
Article number	83106000
Length / mm	5650
Width / mm	950
Height / mm	1635
Voltage / VAC	3x 400
Frequency / Hz	50
Power / kW	Depending on options
Water consumption / litres per knife holder	0.4
Max. number of knife holders per hour	220
Pre-wash zone	No
Main wash zone	Yes
Rinse zone	Integrated
Blow-off zone	No

Options: for these washing solutions, options are always selected in agreement with our specialists.

SMOKING CART / TROLLEY WASHER

EMW

 20



EMW-20

LOAD CARRIERS

Maximum dimensions of the trolleys:
1000 x 1100 x 2000 mm (lwxh)

Type	EMW-20
Article number	83104008
Width / mm	3125
Depth / mm	4325
Height / mm	3375
Voltage / VAC	3x 400
Frequency / Hz	50
Power / kW	Depending on options
Max. number of trolleys per hour	20
Pre-wash programme	No
Main wash programme	Yes
Rinse programme	Yes
Blow-off programme	No

Options: for these washing solutions, options are always selected in agreement with our specialists.

DISINFECTION TUNNEL

EDT



EDT-1000

Type	EDT-1000
Article number	83101210
Length / mm	2250
Width / mm	1190
Height / mm	1578
Voltage / VAC	3x 400
Frequency / Hz	50
Power / kW	1
Dosing capacity / litres per hour	9.35

Options: for these washing solutions, options are always selected in agreement with our specialists.

OTHER WASHING SYSTEMS



EDT-1000



ELB rotating dirt filter



EDMR-2500



WHEELIE BIN WASHER EDW-K

NOTES

[illegible]



Since 1976 ♥ for hygiene

Elpress is the leading manufacturer in the field of industrial hygiene. Our focus is on the delivery of total solutions: customer-focused products that are expertly integrated into your business process. By simplifying processes and sharing knowledge, we can add value to your business with a complete product package.

Our many years of experience have resulted in high-quality products. Their reliability and ease of use have already been proven in the field. With the wide range of possibilities offered by our products, we offer a solution for every challenge.

We have a Passion for Hygiene!

Elpress BV

Handelstraat 21
Industriegebied Saxe Gotha
NL-5831 AV Boxmeer
The Netherlands

T +31 (0)485 51 69 69
E sales@elpress.com
W www.elpress.com



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visit our website

Elpress | Industrial Washing Systems