

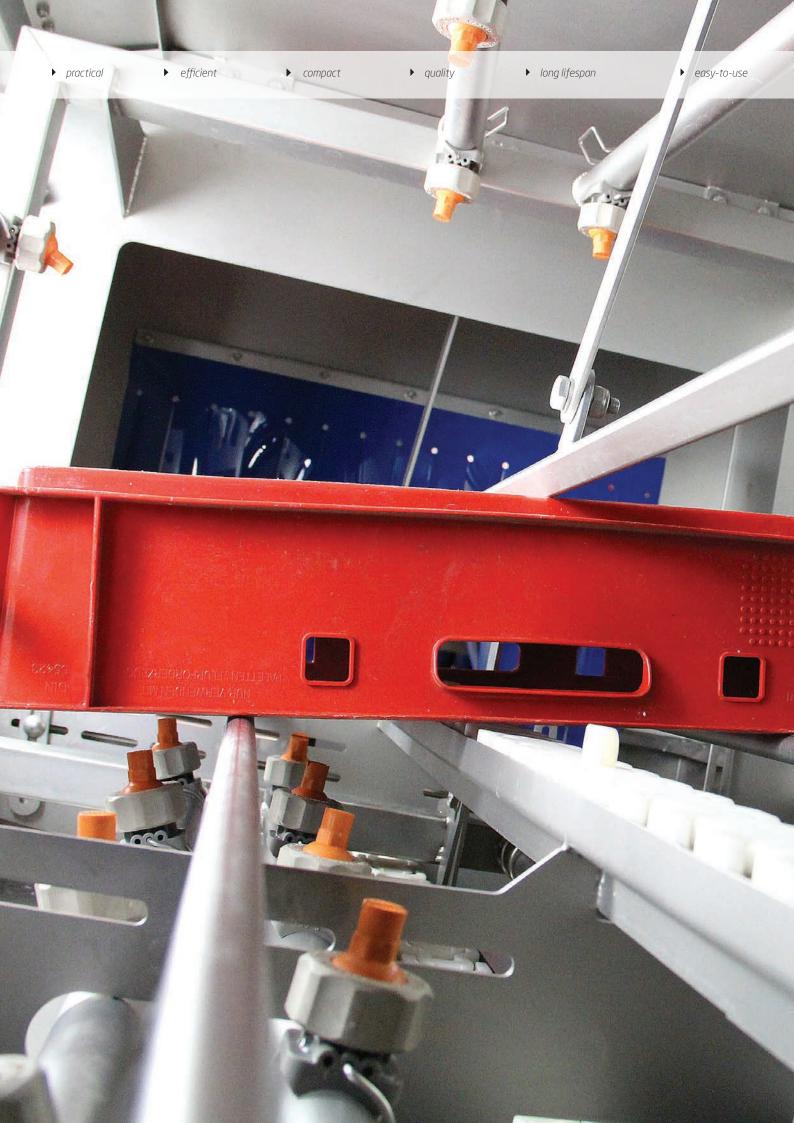
industrial washing systems

product catalogue



quality equipment, securing maximum hygiene









Industrial washing systems

efficient, cost-saving and reliable

Elpress is the leading specialist in the field of industrial hygiene. We focus on delivering total solutions: customer-focused cleaning systems, professionally integrated into your business process. By simplifying processes and sharing our knowledge, our wide product range enables us to add value to your business.

Industrial washing systems

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

Service

Service is our keyword. As you prepare to make your purchase, we and our resellers provide you with the right advice. This enables you to make a correct and balanced decision. After the purchase, we are keen on establishing a mutual cooperation. For maintenance and/or repairs, our daily operating mobile service vans carry the right equipment and knowledge aboard. This will enable you to enjoy the benefits of your investment for many years to come. A complete package of solutions therefore, with a strong focus on you as our customer. Elpress is an ambitious organisation, and we can justifiably say we have a passion for hygiene!

Development from basic principles

The four basic elements of our approach:









Mechanical force

Since 1976

manufacturer in the area of industrial hygiene

























specifications



▶ EKW-1500

Max. 170 crates* per hour Main wash & after rinse zone Article number: 83101125

Technical information

Current: 400V - 50Hz; 3 Phases + earth

Electric safety: 3x 25A
Transport chain: synthetic
Drive: 0,18 kW

Water consumption: app. 0,3-0,5 litres per crate

Machine length: 2,20 meter

Main wash zone

Length:1,5 meterTank contents:175 litresNumber of pumps:1; power: 3,0 kWCapacity:24 m3/hr, 2,5 barNozzles:synthetic click nozzles

Filter: filter tray
Water supply: 3/4"

Overflow: 2,5"

Drain: 3"

After rinse zone

Length: integrated in main wash zone
Temperature: 60° till 80°C, to be provided by client

Water supply: 1/2", to fresh water source

^{*} Fitted for crates with dimensions L= $600 \times W = 400 \times H = 410$

options and/or accessories



▶ EKW-2500 + EAB1

Max. 170 crates* per hour Main wash, after rinse zone & blow off unit Article number: 83101151

Blow off unit EAB1

Length: 2,00 meter Width: 1,50 meter Height: 2,75 meter

Ventilator: 1 pcs, power 5,5kW Capacity: 1500 m3 at 6000 Pa

Drainage: by channel to drainage gutter

Materials: stainless steel

Insulation: sound insulating sheet, plastic coated white, RAL 9002

Accessibility: by means of large accessible door

Safety

- Sensors are placed on all crate washer doors. When a door is opened during operation, the washer will stop instantly.
- ▶ Easily accessible emergency stop.
- Water level switches in the water tanks, to prevent the pumps from running dry.
- ▶ Protective covers on all rotating parts.

specifications



Technical information

Current: 400V - 50Hz; 3 Phases + earth

Electric safety: 3x 25A
Transport chain: synthetic
Drive: 0,18 kW

Water consumption: app. 0,3-0,5 litres per crate

Machine length: 3,40 meter

Main wash zone

Length:2,5 meterTank contents:300 litresNumber of pumps:1; power: 5,5 kWCapacity:42 m3/hr, 3,2 barNozzles:synthetic click nozzles.

Filter: filter tray
Water supply: 3/4"
Overflow: 2,5"
Drain: 3"

After rinse zone

Length: integrated in main wash zone
Temperature: 60° till 80°C, to be provided by client

Water supply: 1/2", to fresh water source

Sensor: If no crates are transported the fresh water supply is closed

^{*} Fitted for crates with dimensions L= $600 \times W = 400 \times H = 300$

with blow off unit EAB-1



▶ EKW-2500 + EAB1

Max. 400 crates* per hour Main wash, after rinse zone & blow off unit Article number: 83101151

Blow off unit EAB1

Length: 2,00 meter Width: 1,50 meter Height: 2,75 meter

Ventilator: 1 pcs, power 5,5kW Capacity: 1500 m3 at 6000 Pa

Drainage: by channel to drainage gutter

Materials: stainless steel

Insulation: sound insulating sheet, plastic coated white, RAL 9002

Accessibility: by means of large accessible door

Safety

- Sensors are placed on all crate washer doors. When a door is opened during operation, the washer will stop instantly.
- ▶ Easily accessible emergency stop.
- Water level switches in the water tanks, to prevent the pumps from running dry.
- ▶ Protective covers on all rotating parts.

specifications



Technical information

Current: 400V - 50Hz; 3 Phases + earth

Electric safety: 3x 25A
Transport chain: synthetic
Drive: 0,18 kW

Water consumption: app. 0,3-0,5 litres per crate

Machine length: 4,40 meter

Main wash zone

Length:3,5 meterTank contents:300 litresNumber of pumps:1; power: 7,5 kWCapacity:48 m3/hr, 3,2 barNozzles:synthetic click nozzles.

Filter: filter tray
Water supply: 3/4"
Overflow: 2,5"
Drain: 3"

After rinse zone

Length: integrated in main wash zone
Temperature: 60° till 80°C, to be provided by client

Water supply: 1/2", to fresh water source

Sensor: If no crates are transported the fresh water supply is closed

^{*} Fitted for crates with dimensions L= $600 \times W=400 \times H=300$

with blow off unit EAB-1



Blow off unit EAB1

Length: 2,00 meter Width: 1,50 meter Height: 2,75 meter

Ventilator: 1 pcs, power 5,5kW Capacity: 1500 m3 at 6000 Pa

Drainage: by channel to drainage gutter

Materials: stainless steel

Insulation: sound insulating sheet, plastic coated white, RAL 9002

Accessibility: by means of large accessible door

Safety

- Sensors are placed on all crate washer doors. When a door is opened during operation, the washer will stop instantly.
- ▶ Easily accessible emergency stop.
- Water level switches in the water tanks, to prevent the pumps from running dry.
- ▶ Protective covers on all rotating parts.

specifications



83101650

Technical information

Current: 400V - 50Hz; 3 Phases + earth

Electric safety: 3x 32A Transport chain: synthetic Drive: 0,18 kW

Water consumption: app. 0,3-0,5 litres per crate

Machine length: 5,90 meter

Pre wash zone

Length: 2,5 meter 250 litres Tank contents: Number of pumps: 1; power: 5,5 kW Capacity: 42 m3/hr, 3,2 bar Nozzles: synthetic click nozzles.

Filter: flter tray Water supply: 3/4" Overflow: 2,5" 3" Drain:

Main wash zone

Length: 3,5 meter Tank contents: 300 litres 1; power: 7,5 kW Number of pumps: Capacity: 48 m3/hr, 3,2 bar Nozzles: synthetic click nozzles.

Filter: filter tray Water supply: 3/4" Overflow: 2,5" 3" Drain:

After rinse zone

Length: integrated in main wash zone 60° till 80°C, to be provided by client Temperature:

Water supply: 1/2", to fresh water source

Sensor: If no crates are transported the fresh water supply is closed

^{*} Fitted for crates with dimensions L= 600 x W=400 x H=300

with blow off unit EAB-2



Blow off unit EAB2

Length:2,00 meterWidth:1,50 meterHeight:2,75 meter

Ventilator: 2 pcs, power 5,5kW
Capacity: each 1500 m3 at 6000 Pa
Drainage: by channel to drainage gutter

Materials: stainless steel

Insulation: sound insulating sheet, plastic coated white, RAL 9002

Accessibility: by means of large accessible door

Safety

- Sensors are placed on all crate washer doors. When a door is opened during operation, the washer will stop instantly.
- ▶ Easily accessible emergency stop.
- Water level switches in the water tanks, to prevent the pumps from running dry.
- ▶ Protective covers on all rotating parts.

specifications



83101750

Technical information

Current: 400V - 50Hz; 3 Phases + earth

Electric safety: 3x 32A Transport chain: synthetic Drive: 0,18 kW

Water consumption: app. 0,3-0,5 litres per crate

Machine length: 6,90 meter

Pre wash zone

Length: 2,5 meter 300 litres Tank contents: Number of pumps: 1; power: 5,5 kW Capacity: 42 m3/hr, 3,2 bar Nozzles: synthetic click nozzles.

Filter: flter tray Water supply: 3/4" Overflow: 2,5" 3" Drain:

Main wash zone

Length: 3,5 meter Tank contents: 300 litres 1; power: 7,5 kW Number of pumps: Capacity: 48 m3/hr, 3,2 bar Nozzles: synthetic click nozzles.

Filter: filter tray Water supply: 3/4" Overflow: 2,5" 3" Drain:

After rinse zone

Length: integrated in main wash zone 60° till 80°C, to be provided by client Temperature:

Water supply: 1/2", to fresh water source

Sensor: If no crates are transported the fresh water supply is closed

^{*} Fitted for crates with dimensions L= 600 x W=400 x H=300

with blow off unit EAB-2



Blow off unit EAB2

Length:2,00 meterWidth:1,50 meterHeight:2,75 meter

Ventilator: 2 pcs, power 5,5kW
Capacity: each 1500 m3 at 6000 Pa
Drainage: by channel to drainage gutter

Materials: stainless steel

Insulation: sound insulating sheet, plastic coated white, RAL 9002

Accessibility: by means of large accessible door

Safety

- Sensors are placed on all crate washer doors. When a door is opened during operation, the washer will stop instantly.
- ▶ Easily accessible emergency stop.
- Water level switches in the water tanks, to prevent the pumps from running dry.
- ▶ Protective covers on all rotating parts.

specifications



Technical information

Current: 400V - 50Hz; 3 Phases + earth

Electric safety: 3x 40A
Transport chain: synthetic
Drive: 0,18 kW

Water consumption: app. 0,3-0,5 litres per crate

Machine length: 7,90 meter

Pre wash zone

Length:3,5 meterTank contents:300 litresNumber of pumps:1; power: 7,5 kWCapacity:48 m3/hr, 3,2 barNozzles:synthetic click nozzles.

Filter: filter tray
Water supply: 3/4"
Overflow: 2,5"
Drain: 3"

Main wash zone

Length:3,5 meterTank contents:300 litresNumber of pumps:1; power: 7,5 kWCapacity:48 m3/hr, 3,2 barNozzles:synthetic click nozzles.

Filter: filter tray Water supply: 3/4"
Overflow: 2,5"
Drain: 3"

After rinse zone

 Length:
 integrated in main wash zone

 Temperature:
 60° till 80°C, to be provided by client

Water supply: 1/2", to fresh water source

Sensor: If no crates are transported the fresh water supply is closed

Max. 1120 crates* per hour Pre wash, main wash & after rinse zone Article number: 83101850

^{*} Fitted for crates with dimensions L= 600 x W=400 x H=300

with blow off unit EAB-2



Blow off unit EAB2

Length:2,00 meterWidth:1,50 meterHeight:2,75 meter

Ventilator: 2 pcs, power 5,5kW
Capacity: each 1500 m3 at 6000 Pa
Drainage: by channel to drainage gutter

Materials: stainless steel

Insulation: sound insulating sheet, plastic coated white, RAL 9002

Accessibility: by means of large accessible door

Safety

- Sensors are placed on all crate washer doors. When a door is opened during operation, the washer will stop instantly.
- ▶ Easily accessible emergency stop.
- ▶ Water level switches in the water tanks, to prevent the pumps from running dry.
- ▶ Protective covers on all rotating parts.

Options and/or accessories

for EKW series



 Dosing pump for detergent or rinse aid



Vapour extraction ▶



Steam injection



Hot water coil ▶



◆ Electric element



Adjutable belt speed > by means of frequency control



◆ One man operation



Input or output tables >



◆ Rotating wedge-wire filter



Enlarged height ▶ for crates up to 400 mm

Options and/or accessories

for EKW series

Article number	Description
83109110	Dosing pump for detergent
83109120	Dosing pump for rinse aid
83109210	Vapour extraction
83109001	Heating by steam injection
83109005	Heating by hot water coil
83109015	Heating by electric element - 20 kW
83109020	Heating by electric element - 30 kW
83108025	Adjustable belt speed by means of frequency control
83101050	One man operation (for EKW-1500, 2500 and 3500)
83108000	Input table - 1 meter
83108010	Output table - 1 meter
83108080	Rotating wedge-wire filter (for EKW-5000, 6000 and 7000)
83101155	Enlarged height: crates up to 400 mm (for EKW-2500 and 3500)
83101655	Enlarged height: crates up to 400 mm (for EKW-5000, 6000 and 7000)
83107200	Upgrade from EAB-1 to EAB-2 blow off unit
83107205	Upgrade from EAB-2 to EAB-3 blow off unit

Case studies

for EKW series



◆ Easy operation of the crate washer



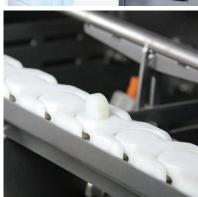
Easy to replace click-nozzles ▶
Step 1



◆ Practical upward folding-doors



Easy to replace click-nozzles Step 2



◆ Robust synthetic chain



Easy to replace click-nozzles Step 3



Easily accessible filter



Easy to replace click-nozzles

Step 4

Case studies

for EKW series



 One man operation, easily adjustable



One man operation >



◆ Vapour extraction



One man operation >



◆ Vapour extraction



EKW inside ▶



◆ EKW 2500 with vapour extraction



EWK 3500 with one man operation >

ENW 20

specifications



ENW-20

20 bins per hour main wash & after rinse Article number: 83103000

Technical information

Electric connection: 400V; 3Ph + earth + 0; 50Hz Electric safety: 32A - C-Characteristic

Drive: 2 pieces, 1x 0,37 and 1x 0,18kW

Control: Siemens PLC S7 1200 with KTP 600 mono panel and Ethernet connection

Cabinet: 1,93 x 1,88 x 2,34 meter (WxDxH)

Depth incl. safety fences: 3,68 meter

Pump: 1; power: 7,5 kW
Capacity: 48 m3/hr, 3,4 bar
Tank contents: 740 litres
Nozzles: stainless steel
Filter: wedge wire filter

Filter: wedge wire filter

Man hole: 1 piece; 230 x 180 mm

Filling connection: 3/4"

After rinse connection: 3/4"

Drain: 3"

Sewer: 2"

Water consumption: ca. 5 litres per norm trolley

Safety

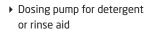
- > Sensors are placed on all doors. When a door is opened during operation, the washer will stop instantly.
- ▶ Easily accessible emergency stop.
- ▶ Water level switches in the water tanks, to prevent the pumps from running dry.
- ▶ Protective covers on all rotating parts.

^{*} Fitted for norm trolley with dimensions L= 790 x W=675 x H=700/950

ENW 20

options and/or accessories







▶ Vapour extraction



▶ Heating by electric element

Article number	Description
83109110	Dosing pump for detergent
83109120	Dosing pump for rinse aid
83109210	Vapour extraction
83109015	Heating by electric element - 20 kW
83109020	Heating by electric element - 30 kW

EDW 20

specifications



▶ EDW-20

20 boxes per hour pre-wash, main wash & after rinse Article number: 83104000

Technical information

Electric connection: 400V; 3Ph + earth + 0; 50Hz Electric safety: 32A - C-Characteristic

Drive: 2 pieces, 1x 0,37 and 1x 0,18kW

Control: Siemens PLC S7 1200 with KTP 600 mono panel and Ethernet connection

Cabinet: 1,93 x 1,88 x 2,34 meter (WxDxH)

Depth incl. safety fences: 3,68 meter

Pump: 1; power: 7,5 kW
Capacity: 48 m3/hr, 3,4 bar
Tank contents: 740 litres
Nozzles: stainless steel

Filter: wedge wire filter

Man hole: 1 piece; 230 x 180 mm

Filling connection: 3/4"

After rinse connection: 3/4"

Drain: 3"

Sewer: 2"

Water consumption: ca. 5 litres per norm trolley

Safety

- Sensors on safety fences.
- Emergency stop at switchboard and fence.
- Water level switches in water tanks to avoid running dry of the pumps.
- Torque protection on all rotating parts. If drive is blocked, it stops automatically.
- Protection hood on all rotating parts.
- Temperature safety

EDW 20

options and/or accessories



Dosing pump for detergent or rinse aid



▶ Vapour extraction



▶ Heating by electric element

Article number	Description
83109110	Dosing pump for detergent
83109120	Dosing pump for rinse aid
83109210	Vapour extraction
83109015	Heating by electric element - 20 kW
83109020	Heating by electric element - 30 kW

EPW 45

specifications



Technical information

Current: 400V; 3Ph + earth + 0

Electric safety: 3x 32A

Transport chain: 1 piece, synthetics Chain guiding: stainless steel

Drive: frequency controlled; 0,18 kW Water consumption: 6 litres per pallet (after rinse)

Input lane

Length: 1,50 meter Height: 0,80 meter

Main wash zone

Length: 2,90 meter Tank contents: 280 litres

Number of pumps: 1; power: 5,5 kW/pump
Capacity: 48 m3/hr, 2,8 bar
Nozzles: stainless steel
Filter: removable filter tray
Manhole: 230x180 mm

Filling connection: 3/4"

Overflow: 3"

Drain: 2"

EPW 45

options and/or accessories

After rinse zone - fresh water

Length: integrated in main wash zone

Connection water supply: 1/2" (cold water)
Nozzles: stainless steel
Activation: by sensor

Output lane

Length: 1,50 meter Height: 0,80 meter

Safety

- Sensors on the hatches in wash tunnel: if a hatch is opened while cleaning, the installation stops immediately.
- Emergency stop on switch board.
- Water level switches in water tanks to avoid running dry of the pumps.
- Torque safety on drives: if transport blocks, the drive stops.
- All drives and rotating parts are provided with protective hoods



 Dosing pump for detergent or rinse aid



▶ Vapour extraction



▶ Heating by electric element

Article number	Description
83109110	Dosing pump for detergent
83109120	Dosing pump for rinse aid
83109210	Vapour extraction
83109015	Heating by electric element - 20 kW
83109020	Heating by electric element - 30 kW

ETW-10 / ETW-15

specifications



Wash volume 610 x 690 x 635 mm (hxwxd)



Wash volume 610 x 810 x 635 mm (hxwxd)

Technical information Width:	ETW-10 842 mm	ETW-15 962 mm
Depth:	745 mm	745 mm
Height closed:	1631 mm	1631 mm
Height opened:	2088 mm	2088 mm
Electrical connection:	400V / PE / 50 Hz	400V / PE / 50 Hz
Power:	8,5 kW	9,5 kW
Volume washtank:	60 ltr	60 ltr
Capacity:	600 ltr/min	600 ltr/min
Volume rinse tank:	13 ltr	13 ltr
Rinse time:	20 sec	20 sec
After rinse water:	85 °C	85 °C
Water usage per rinse:	6 ltr	6 ltr
Water connection:	1/2"	1/2"
Brut weight (without water):	175 kg	185 kg

ETW-17 / ETW-20

specifications



Wash volume 640 x 810 x 635 mm (hxwxd)



▶ Wash volume 645 x 1010 x 635 mm (hxwxd)

Technical information Width: Depth: Height closed: Height opened:	ETW-17 1082 mm 745 mm 1631 mm 2088 mm	ETW-20 1280 mm 745 mm 1631 mm 2088 mm
Electrical connection: Power: Volume washtank: Capacity: Volume rinse tank: Rinse time: After rinse water:	400V / PE / 50 Hz 16,5 kW 76 ltr 585 ltr/min 25 ltr 20 sec 85 ℃	400V / PE / 50 Hz 16,5 kW 95 ltr 2 x 600 ltr/min 25 ltr 20 sec 85 °C
Water usage per rinse: Water connection: Brut weight (without water):	8 ltr ½" 220 kg	10 ltr ½″ 250 kg

ETW-30

specifications



▶ Wash volume 645 x 1290 x 635 mm (hxwxd)

Technical informationETW-30Width:1555 mmDepth:745 mmHeight closed:1631 mmHeight opened:2088 mm

Electrical connection: 400V / PE / 50 Hz

Power: 17,5 kW Volume washtank: 125 ltr

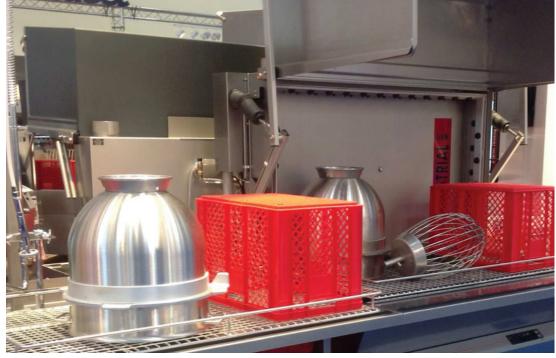
Capacity: 600 + 950 ltr/min

Volume rinse tank: 25 ltr
Rinse time: 20 sec
After rinse water: 85 °C
Water usage per rinse: 12 ltr
Water connection: ½"
Brut weight (without water): 280 kg

Case studies

ETW series









Elpress is the leading specialist in the field of industrial hygiene. We focus on delivering total solutions: customer-focused cleaning systems, professionally integrated into your business process. By simplifying processes and sharing our knowledge, our wide product range enables us to add value to your business.

Years of experience has led to high-quality products. Reliability and user-friendliness have been proven in practice. Thanks to the broad possibilities of our products, we offer a solution for every challenge.

We have a Passion for Hygiene!

Elpress Cleaning Systems

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