

PUCEST EASY CLEANER

Automatic high pressure cleaning system for concrete - mixer



MAIN FEATURES AND BENEFITS

MAIN FEATURES:

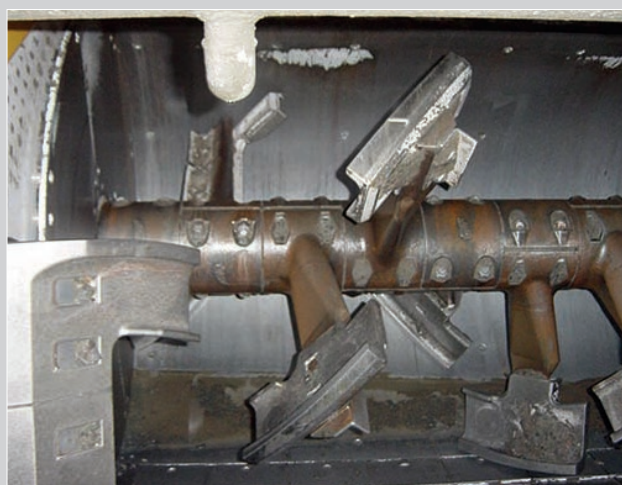
- Module - construction
- Internal water tank - 420 liters capacity as a reserve in case of pressure drop.
- The system works with 150 bar at the cleaning heads and 200 bar at the hand lance
- Equipped as standard with a high pressure lance and 15 m hose for long reach!

BENEFITS:

- Cleaning heads are driven by water pressure, no electric drive necessary
- All cleaning heads in the mixer lid work simultaneously (4 minutes for final cleaning, 1 minute for intermediate cleaning)
- Water saving by a 3D - nozzle system
- Suitable for all mixer brands
- Reduction of working time by automation of cleaning
- Improvement of working conditions
- Increase of the working safety



Before cleaning

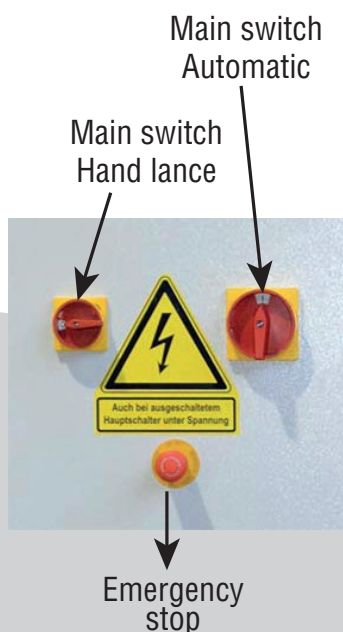
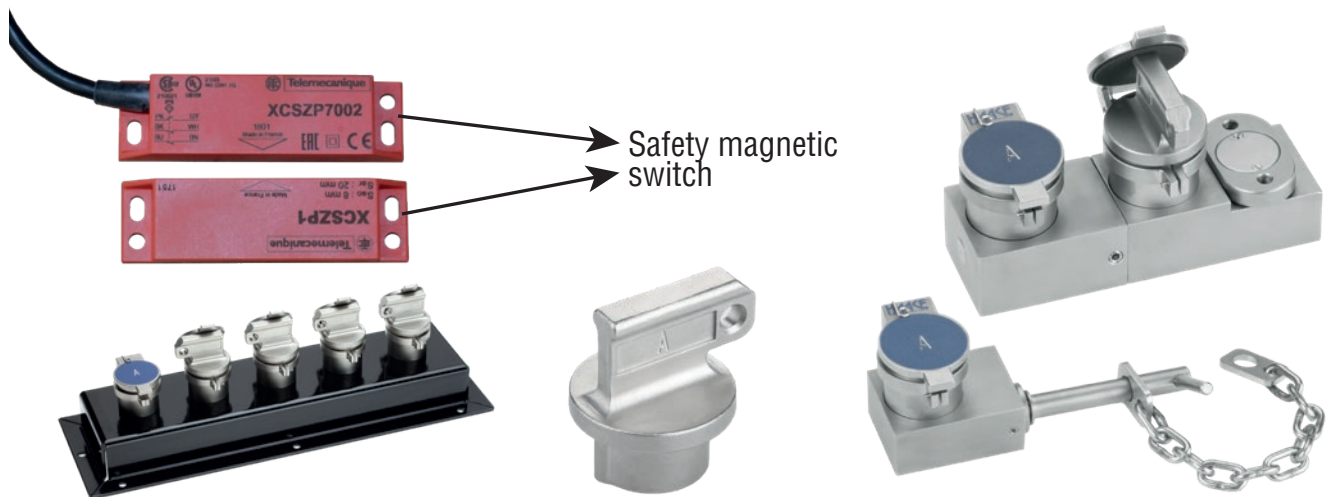


After cleaning

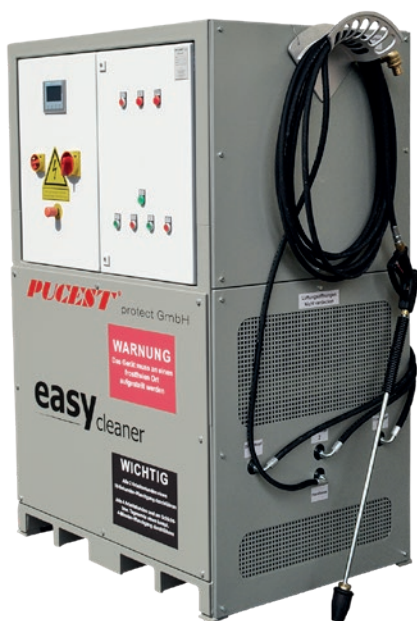
SECURITY

Prepared for the Haake safety key transfer system (switch is attached as an option).

All-pole disconnection of the easy cleaner via a separate main switch which blocks the high-pressure pumps of the spray heads. This means that only lance operation is possible and the automatic system is switched off. The hand lance with its own pump is equipped with a separate main switch.



DETAILS



Basic unit

The pumps, tank and control panel are integrated as one unit in a powder-coated housing.

Pumps

Each pump (11kW) delivers 30 liters/min. The pumps are directly connected to the cleaning heads by high pressure hoses.

Water tank

A 420 liter water tank is built into the housing. Dry running protection of the pumps is ensured by an integrated sensor.

Control panel

The control panel is equipped with push buttons. It is also possible to control the system by touch panel or remote control.

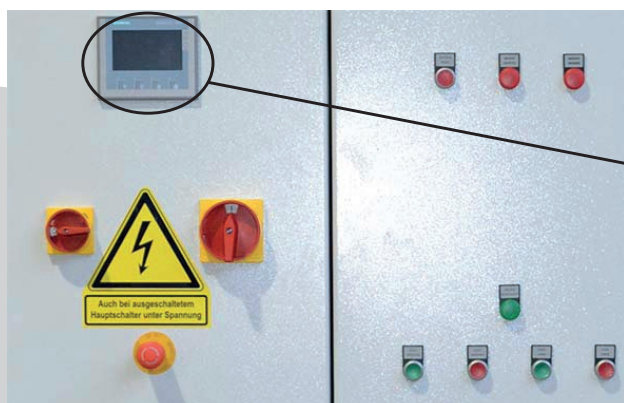
Time settings can be made on the touch panel by an authorized person.



Basic version



Comfort version



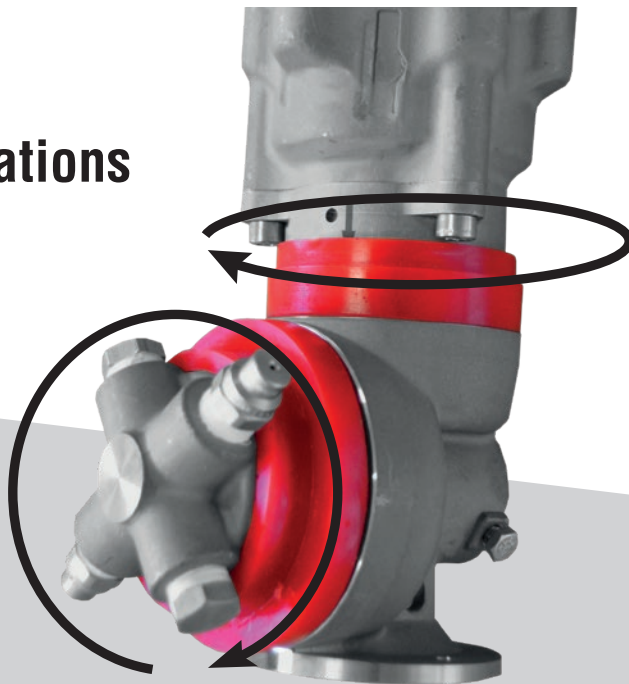
DETAILS



Cleaning heads

The cleaning heads, driven by water pressure, are equipped with 2 point jets each on a rotating unit. The 3D spray geometry ensures almost complete cleaning of the mixer. The cleaning heads work with an operating pressure of 150 bar.

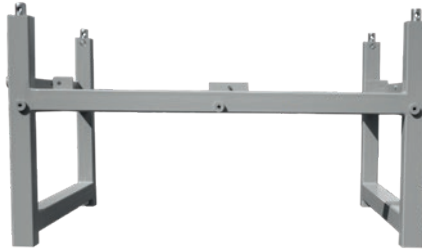
Rotations



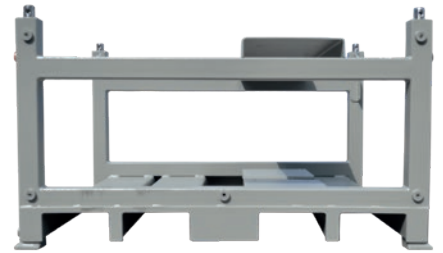
MODULAR CONSTRUCTION



Tank and control cabinet module



Intermediate module



Pump carrier



LANCE AND DRAINAGE

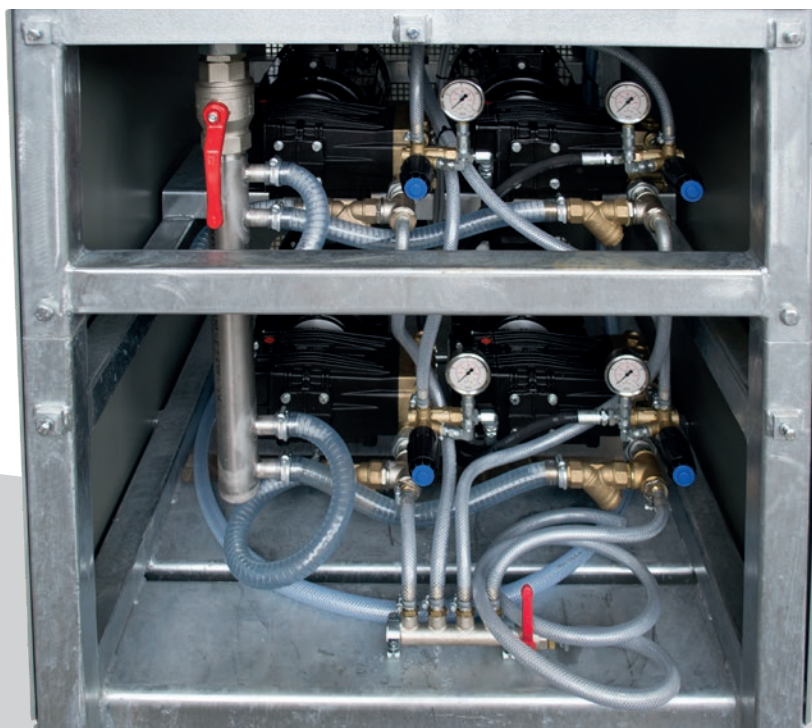
Lance for manual cleaning

The hand lance equipped with a turbo rotor nozzle (200 bar) is used for subsequent cleaning or for loosening stubborn dirt. The hand lance is equipped with its own pump with a separate main switch.



Draining

Valves are attached to the pipe system for emptying the tank and pipes, for example in the event of frost.



MODELS

EC43L	4 pumps / 3 cleaning heads / 1 lance
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DIMENSIONS:

Height	1900 mm
Width	1200 mm
Depth	1000 mm

MODELS

EC10L	1 pump / 1 lance (Only for lance operation)
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DIMENSIONS:

Height	1900 mm
Width	700 mm
Depth	1000 mm



SPLITTER

The splitter is an additional module for the easy cleaner. It enables the cleaning of 2 mixers with only one easy cleaner.

Advantage:

- Cleaning of two mixers with only one easy cleaner
- No second basic unit necessary
- No additional power and water installations necessary

The mixer to be cleaned is selected via corresponding selection keys between mixer one or mixer two. The cleaning process is started via the easy cleaner. The unit can be optionally equipped with a connection for a hand lance and/or an additional cleaning head (e.g. for bucket cleaning). The hand lance or additional cleaning mode is selected on the splitter. The process is started via the easy cleaner.

The existing functions of the easy cleaner are not affected by the attachment of the splitter. It is also still possible to start the processes optionally via a remote control for the easy cleaner.

DIMENSIONS:

Height	1500 mm
Width	715 mm
Depth	500 mm

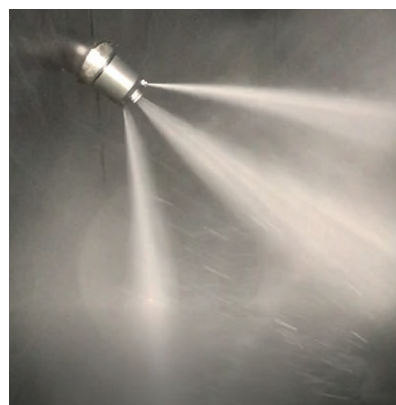




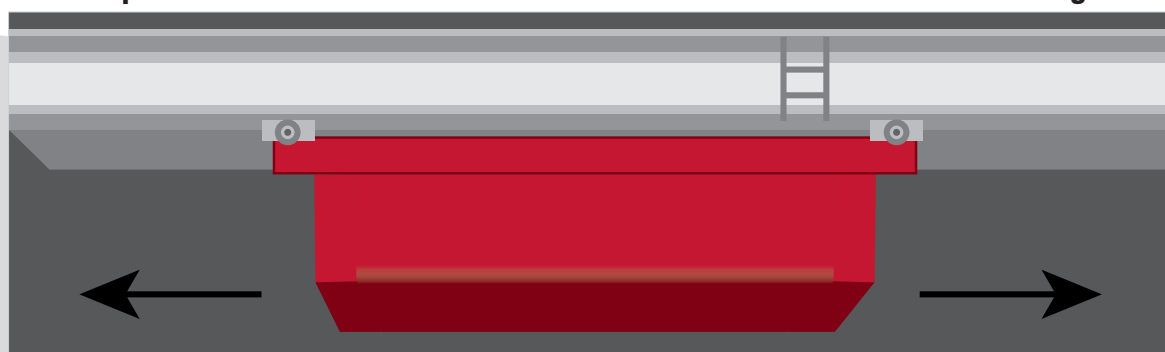
Additional cleaning heads (optional e.g. for a...)



Spirit level



Funnel cleaning



Bucket conveyor

MODELS OVERVIEW

Standard

EC43L	4 pumps / 3 cleaning heads / 1 lance	(44kW / 96A)	950 Kg
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Eco

EC10L	1 pump / 1 lance	(11kW / 24A)	630 Kg
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SPLITTER

- EC3SPZKL-KIT
with 3 cleaning heads / 1 additional cleaning head /
hose package 8 x 10 m

Device connections	
Inputs:	3
Outputs:	6x for cleaning heads, 1x hand lance, 1x for additional cleaning head
Weight:	approx. 350 kg

Note: Hand lance and extension hose are included in the scope of delivery of the easy cleaner and are mounted on the splitter.

- EC3SP-KIT
with 3 cleaning heads

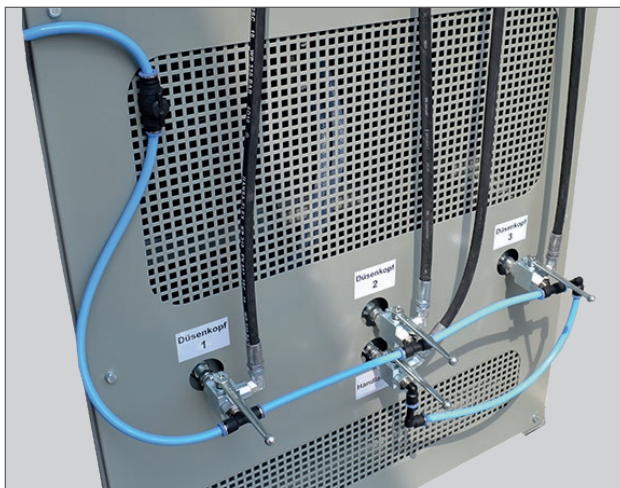
Device connections	
Inputs:	3
Outputs:	6x for cleaning heads
Weight:	approx. 350 kg



OPTIONS

DRAINAGE SYSTEM

Attachment kit for pneumatic emptying of the hose supply lines to the cleaning heads.



**FOR THE PREVENTION OF FROST DAMAGE.
OPTIONALLY AVAILABLE FOR ALL MODELS.**

Winter package (hose drainage system)

REMOTE CONTROL

For automatic mixer or lance control.

Also available simple version only for automatic mixer control (start + stop + signal light for mixer cleaning).

PREFILTER



If you have your own water supply (e.g. well water), use this pre-filter for the mixer cleaning system.



Basic version



Comfort version

