



beltnet

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Conveyor belt cleaning system

System for cleaning and disinfection of conveyor belts, by injecting saturated steam and simultaneous suction, leaving the belt dry after steam washing, eliminating the most persistent residues and disinfecting thanks to the 130°C thermal shock. The whole process is carried out while the belt is moving, resulting in a fast and automated cleaning process.

Composed of two modules:

- BN50, conveyor belt cleaning head.
- ST18, 18kW saturated generator.



EQUIPMENT ►



SYSTEM FOR CLEANING CONVEYOR BELTS



Connection to suction nozzle

Steam injection connection

Conveyor belt

BN50

Conveyor belt cleaning head

Fully stainless steel construction does not damage the belt. Washes, sanitizes and dries conveyor belts of any width, without operator. Easy to assemble. Thanks to the sliding system, it can be moved to cover the entire belt width. Can be applied on multiple belts, even if they differ in width. Total steam and residual water extraction, the belt comes out dry. Possibility to use only steam, or steam + water.

BN50 TECHNICAL CHARACTERISTICS

Saturated steam supply connection	Double pipe quick release
Suction connection	60 mm tube
Head settings	Height from 0 to 300 mm. Transverse movement up to 1500 mm
Construction	AISI 304 stainless steel
Working width	500 mm
Weight	12 Kg

Price on request



ST18

18 kW saturated steam generator

- AISI 304 stainless steel frame and boiler
- Magnetic anti-limescale filter
- Two electronically controlled 9 kW electric boilers
- Digital handle with 6 selectable programmes
- Detergent mixture control
- Three-phase socket for suction, low voltage control panel [24 V] on the generator, low voltage controls on the handle [12 V].
- Ready for use in less than 4 minutes, 4 hours of autonomy with standard use.
- Steam pressure 12 bar, 188°C in boiler
- Steam production: 30 kg/h



1500 W extraction system

Steam output

Steam regulation

ST18 TECHNICAL CHARACTERISTICS

Power supply	400 V / 50 Jz 28 Amp.
Steam production	30 Kg/h, 180°C 12 bar pressure
Max. output pressure	8 bar / 116 psi
Control	Lack of detergent and water indicator
Heat output	18 kW
Water consumption	30 l/h
Detergent reservoir	10 litres
Water reservoir	100 litres 4 h. autonomy
Structural material	Stainless steel AISI 304
Dimensions [L x W x H]	1208 x 745 x 1020 mm
Weight	165 kg

Price on request





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