

Automatic belt washer BeltClean™





- 1 Conveyor belt at production application
- 2+4 BeltClean™
- 3 Cleaned belt

BeltClean™

The optimization of hygienic conditions becomes more and more important in all areas of food, beverage and tobacco industry.

In order to realize the implementation of GMP and HACCP hygiene concepts, a higher automation level of the cleaning procedures in production processes seems to be reasonable.

Voith's automatic belt washer BeltClean™ enables automatic cleaning of conveyor belts before, after, and during the production process.

The Task:

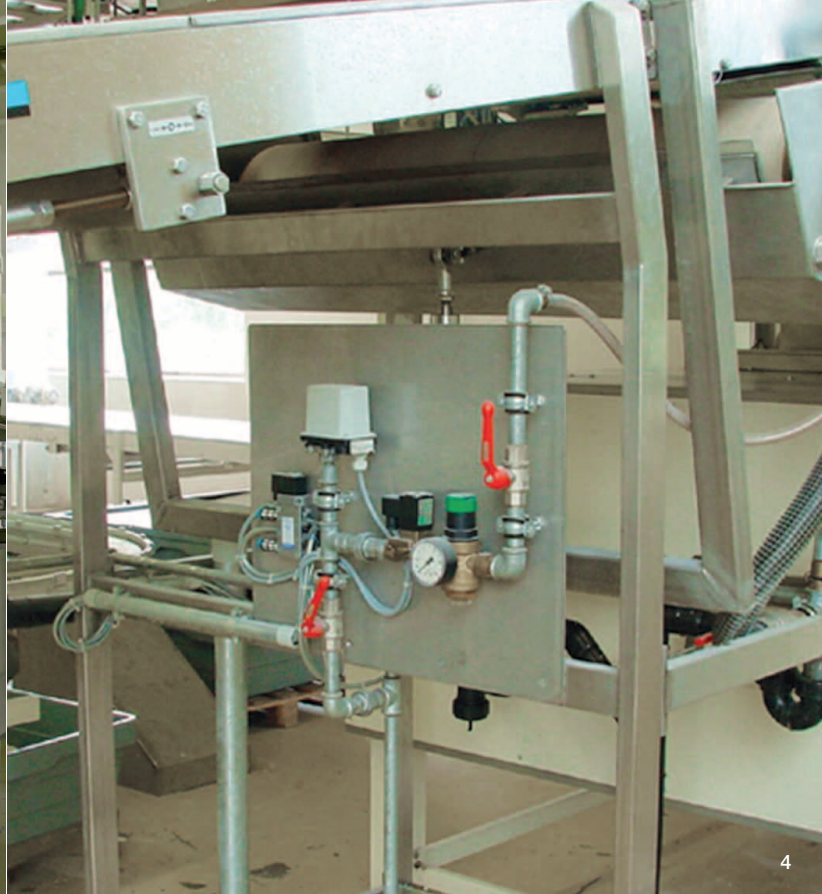
- Heavily contaminated conveyor belts cause difficulties during production
- Valuable production time is lost due to extensive cleaning
- High amount of labor is necessary for cleaning processes

The Solution:

- Cleaning during the production process
- More effective and more gentle cleaning procedures than manually or by brush – soft cleaning
- Clean environment, self-cleaning, and hygienic (HACCP)

Advantages of BeltClean™:

- Automatic cleaning of the carrying side of contaminated and encrusted conveyor belts in order to assure consistent and reproducible production conditions
- Cleaning during production process
- Higher automation level, low personnel expenditure
- No contamination of the environment
- Integration possibilities into the hygiene management
- Low wear and tear of the belt
- Self cleaning and disinfection equipment on request



The program for products and services

Products:

- Air conditioning systems
- Ventilation systems
- Cooling systems
- Humidifying systems
- Dehumidifying systems
- Process air systems
- Machine hoods
- Clean room technology
- UVC-technology
- Cooling tunnels, pallet cooling tunnel technology ContiCool™, StoreCool™
- Waste removal systems
- Dust removal systems
- Heat recovery systems

Automation:

- Process and building automation system based on Siemens Simatic® and Win CC®
- Technical consulting
- Software development
- Project planning
- Electrical, measuring, and control design construction (CAE)
- Electrical installation
- Assembly and commissioning
- System optimization
- Rebuilds and upgrades

Service:

- 24 hour emergency service
- Maintenance
- Spare parts
- Measuring, analysis, and optimizations
- Consultation and training
- Telemaintenance (modem/internet)
- Hygiene inspections (VDI 6022)
- Hygiene training

Voith Paper Air Systems GmbH
Dr.-Hans-Frisch-Straße 4
95448 Bayreuth, Germany
Tel. +49 (0) 921 293-0
Fax +49 (0) 921 293-105
airsystems@voith.com

www.airsystems.voithpaper.com

VOITH
Engineered Reliability