

Automated cylinder cleaning for plastic film production and sheet extrusion

High-efficiency cleaning performed during operation – without any downtime or manual handling – enables optimized productivity, enhanced film quality and a safe working environment.

Optimal performance in a variety of applications

The high cleaning efficiency of Baldwin FilmCylinderCleaning enables optimal performance in cast extrusion and sheet extrusion lines or similar processes.

Additionally, the high level of cleaning performance will enhance the film quality, the overall machine productivity and increase the availability of your equipment, while reducing waste and downtime.

A safe and healthy working environment

Since the cleaning process is fully automatic, it is quickly performed without any safety risks that may occur during manual cleaning, keeping a healthy working environment for your staff.

Cleaning cloth that treats cylinders with care

The cleaning system removes traces and deposits from the cylinder surface that may occur during the film extrusion process. A special long lasting lint-free microfilament cleaning cloth, the Baldwin FilmPac, absorbs the dirt and fluids from the cylinder surface without risk of scratching it – ensuring a continuous production with a consistent high film quality.



FilmCylinderCleaning installation in a film extrusion production line.

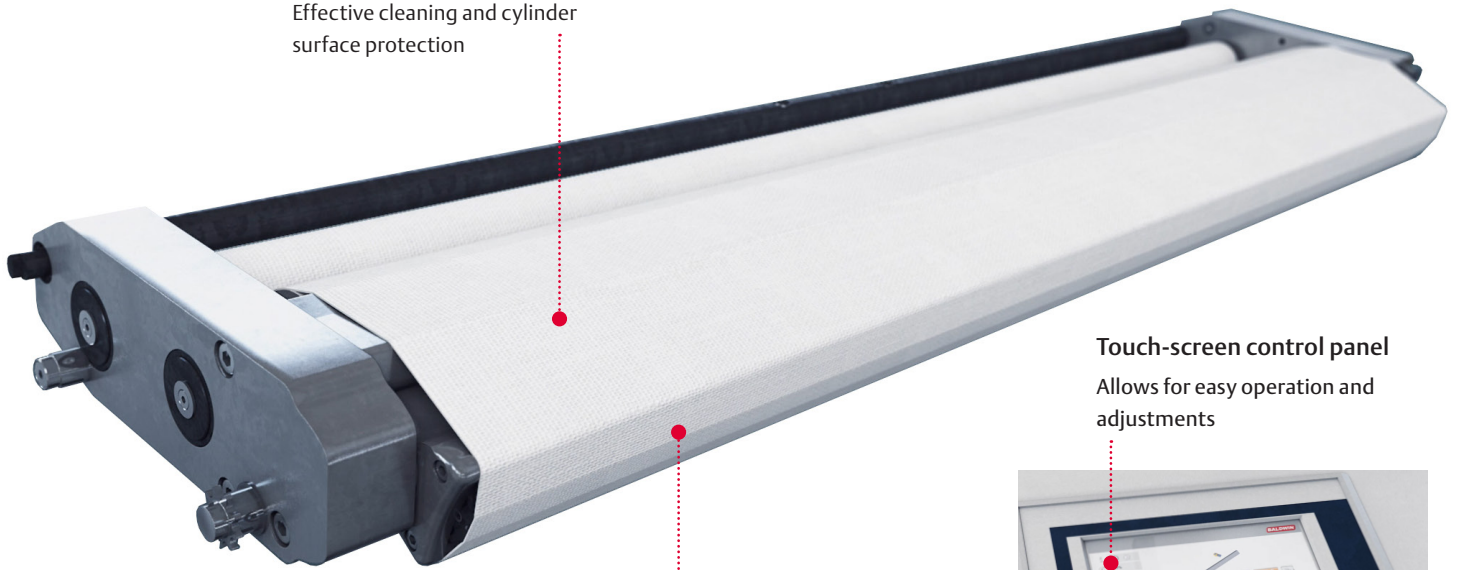
Solvent applied with high precision

The cleaning solvent is automatically dosed and evenly distributed with high precision into the cloth, without any mist or drop formation.

A digital touch-screen control panel allows for limitless customizations of the cleaning process, adjustable to your requirements, such as wash cycle frequency, duration, solvent and water dosage, etc.

Baldwin FilmPac cloth

Effective cleaning and cylinder surface protection



Touch-screen control panel

Allows for easy operation and adjustments



Robust and durable design

For a long lasting service life and maximized return on your investment

High precision dosage of Baldwin detergents

No mist or drop formation

Features

- Individually adjustable cleaning sequences
- Adjustable detergent/solvent dosage
- Cleaning widths up to 3000 mm/10 ft
- Touch-screen control panel
- Simple stand-alone interface
- Serial interfaces on request
- Easy one-touch operation
- Consumables package of special microfibre cloth and solvent

Benefits

- Minimized downtime
- Increased productivity
- Reduced waste
- Enhanced film quality
- Improved safety – no manual cleaning
- Cleaning during operation – no extruder restart or film webbing up
- Fast job or material change
- No scratching of cylinder
- Low cloth consumption
- Very low maintenance

Options

- Customizations for applications and cylinders
- Transport rails for easy positioning of cleaning head and easy service access
- Serial interface or signal exchange integration in HMI
- Several solvent and cloth types available
- Traversing cleaning unit for widths larger than 3000 mm/10 ft
- High-temperature versions

Baldwin – Always at your service

Baldwin has a large number of highly skilled Service engineers ready to support your installation for years to come, and always close at hand. With vast production expertise of over 40 years, Baldwin offers planning, 3D design and equipment installation at your production site. You can rely on Baldwin service expertise to maximize the lifetime of your equipment with outstanding results.

Contact

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