

# Automated Extrusion Cylinder Cleaning

## Cleaning that pays off

Fully automated cleaning of cylinder surfaces for Film or Sheet Extrusion

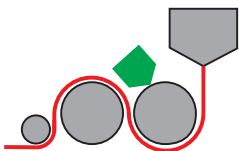
- Cleaning
- Easy
- Effective



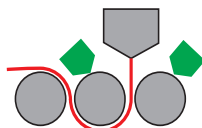
It is a common problem: Buildup of residue on the cast cylinder or calendars that degrade the quality of the film. Lost production time for manual cleaning. Exposing workers to unsafe conditions. Quality complaints for film defects. *With the Baldwin "Film Cylinder Cleaner" system, all these issues are a thing of the past.*

The Baldwin equipment cleans the cylinder surface automatically up to widths of 20 feet. A touch screen control unit allows for limitless customization of the cleaning process (frequency, duration, with or without solvent/water) depending on your requirements. Control logic allows for precise use of liquid and lint-free cloth for optimization.

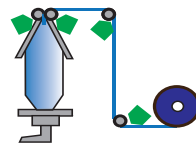
Cast film



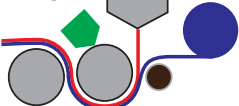
Sheet



Blow Extrusion



Extrusion coating



Extrusion lamination



Overview of some of the industrial applications of the Baldwin Film Cylinder Cleaner System.

## Advantages

### Practical

- Cost savings by fully automatic cleaning process during production or upon change of job/reel change
- Individually adjustable cleaning sequences
- Optional detergent-/solvent dosage
- No production downtime for manual cleaning
- Faster job- or material changes
- Higher productivity
- Low cloth consumption, simple cloth change
- Eliminates the risk of accidents during manual cleaning

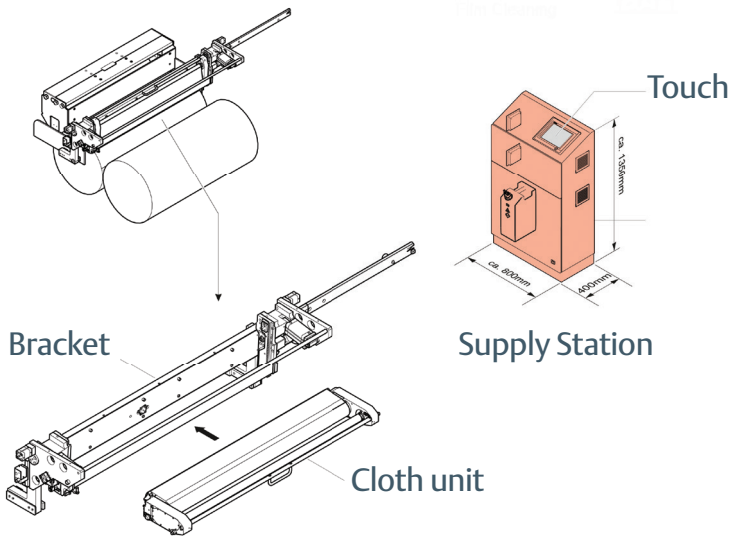
### Economical

- Fast ROI
- Less Waste

# Film Cylinder Cleaner

## Technical Data & System Overview

### Example Cylinder Application



- Compact Cloth Cleaning Unit
- Cleaning width up to 10 feet with fixed cleaning unit
- Traversing cleaning unit for widths greater than 10 feet up to 20 feet.
- Cleaning fluids are specified to customer requirements
- Variable cleaning modes: limitless customization from continuous to multiple times per day/shift.
- Programmable dosage of water/solvent
- Control cabinet with 10.5-inch-touch screen industrial PC
- Cleaning cloth pre-wound on plastic core for easy cloth change
- Extra soft cloth quality treats the cylinder surface with care
- Adjustable cloth contact
- Low cloth consumption
- Installation in new and existing machines possible

#### Contact us for:

- Professional advice and support
- Further product information
- Return on investment calculation (ROI)

## Our Services

- 40 years of experience in cleaning surfaces
- Installation planning and 3D-design
- Highly experienced specialists in technical applications provide on-site support
- International service team & assured spare parts supply

## Our Products

### Fluid Technology Solutions

- Cooling and Temperature Control
- Filtration
- Fluid dosage
- Heat Recovery

### UV/IR Solutions

- UV systems (Arc and LED)
- IR Hot Air Dryers

### Web Handling Solutions

### Web or/Foil or/Media Detection Systems

### Web or/Foil or/Media Catching Systems

### Vision Control Solutions

- Web Inspection Systems
- Closed-loop Register Control

### Spray Solutions

- Spray Surface Treatment Technology
- Silicone Application Technology

Baldwin Technology Company, Inc.