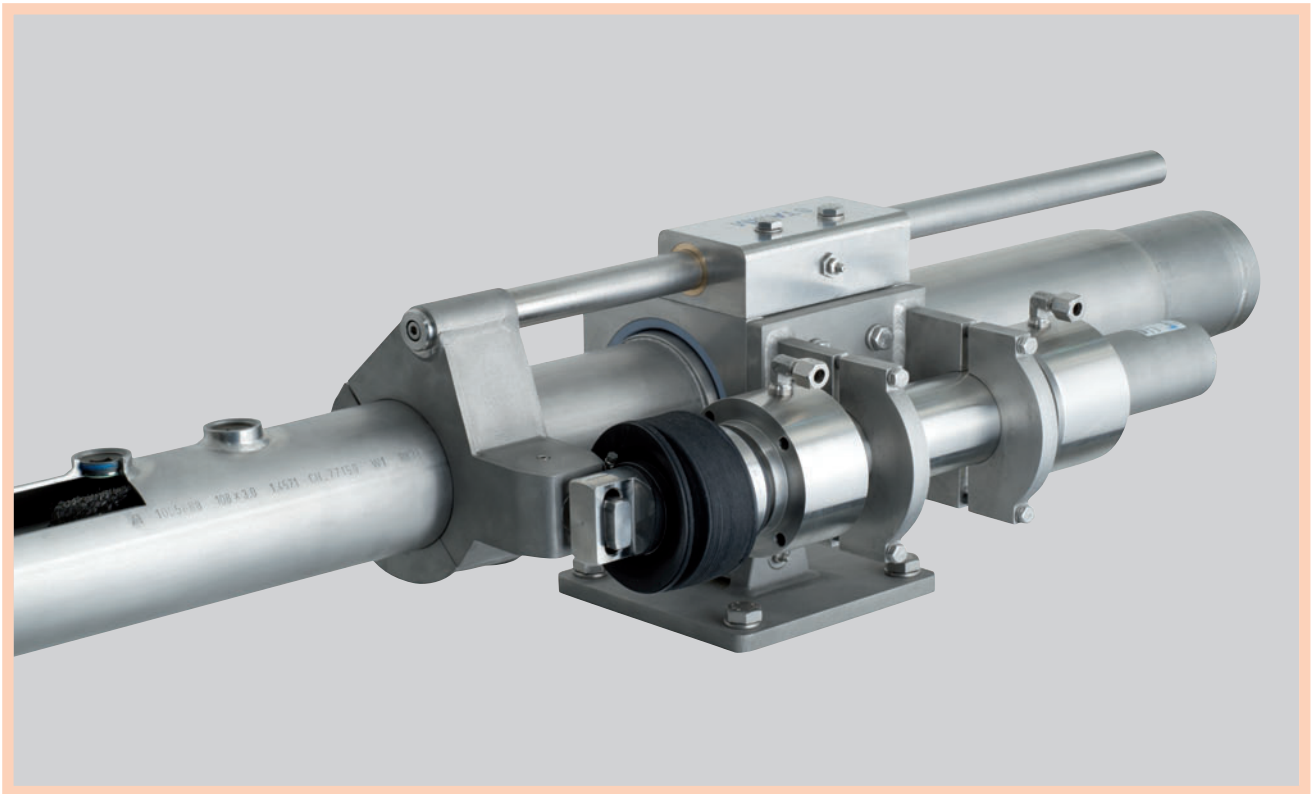


Oil-Hydraulic Electronically Controlled Oscillator

Cylinder 10.0691 / 10.093

Bearing 10.800



For the effective, uniform and streak-free cleaning of wires and felts with automatic adjustment of the stroke speed to the paper machine speed

Benefits

- Synchronized, controlled cleaning of wires, felts and rolls in paper and board machines
- Computer-controlled, automatic adjustment of the stroke speed to the paper machine speed, the wire or felt lengths and the jet width (jet-to-jet cleaning)
- Linear, uniform oscillation with instant reversal at the end points
- Adjustable change of reversal points (stroke offset)
- Adjustable, cyclical staggering of reversal points
- Adjustable fast return speed option
- Integrated oscillation monitoring system with safety switchoff
- Oscillator and shower bearing are one compact system
- Minimum energy consumption

Principle and Design

- Double-acting hydraulic cylinder with transsonar sensor
- Electronic oil flow control valve for automatic adjustment of stroke speed
- Electronic operation control and monitoring, easy entry of parameters into the control system

Technical Data

- Sizes: 1 size for showers 2" to 3"
1 size for showers 4" to 6"
- Thrust: 9000 N shower sizes 2" to 3"
15000 N shower sizes 4" to 6"
- Stroke length infinitely adjustable in a range of 1 to 200 mm (alternatively 1 to 300 mm)
- Range of stroke speed: 1 to 400 mm/min (other ranges available on request)
- Oil pressure: 30 to 70 bar (3 to 7 MPa)
- Oil quantity: up to 2 l/min
- Control system on mounting plate and wired on terminals or integrated in control panel

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