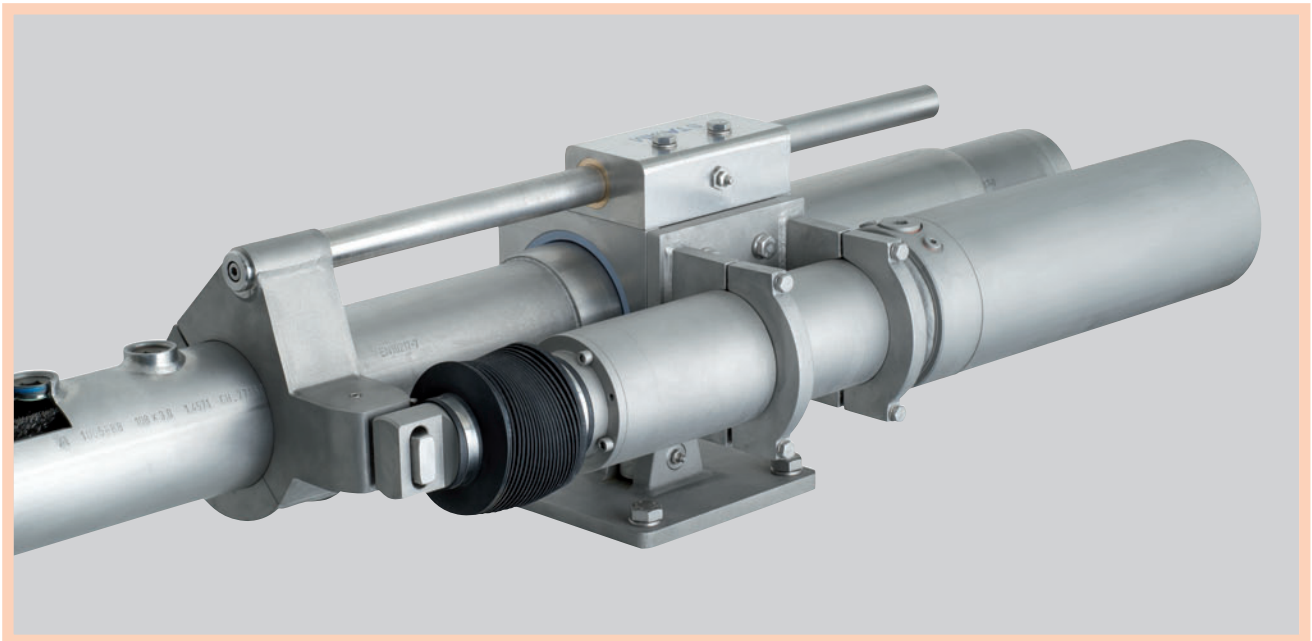


Electronically Controlled Linear Oscillator

Linear Unit 10.020 EC

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

- Step motor with planetary gearbox, coupling and ball-screw spindle
- Completely encapsulated, water-tight stainless steel housing (IP 66)
- Electronic operation control and monitoring, easy programming of the parameters into the control system via operator terminal or PC

Technical Data

- Thrust: 15000 N
- 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)
- Supply voltage: 24 V DC
- Control system on mounting plate and wired on terminals or integrated in control panel

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