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# CYLINDERS

- Steam heated
- IR heated
- Thermo oil heated
- Electrically heated
- Water cooled



We build production benefits

**WUMAG**  
texroll 

# CYLINDERS

WUMAG TEXROLL is the leading manufacturer of thin-walled steam, thermo oil and electrically heated drying and cooling cylinders with water circulation. These cylinders are used in sizing machines, non-woven production ranges as well as textile and technical fabric finishing ranges. Especially developed manufacturing processes and more than 70 years of experience in the production of thin-walled cylinders ensure products of the highest quality. The cylinders are characterised by particularly low radial run-out, a uniform temperature profile and perfect welding workmanship. The thin-walled steam or thermo oil heated drying cylinders are designed and constructed as pressure vessels in conformance with the rules applicable in the respective recipient country.



## CHARACTERISTICS

### Steam pressure

- Possible pressure range up to max. 16 bar = 204 °C saturated steam temperature
- Electrically heated up to 300 °C

### Dimensions

- Standard diameter 800 mm (possible diameter range 500 mm–1,200 mm)
- Surface width up to 4,300 mm

### Outer shell

- Made of stainless steel, e.g. AISI 304 or AISI 316, Duplex
- Wall thickness up to 6 mm

### Surface

- Highly belt grinded up to  $Rz < 1 \mu\text{m}$
- Various types of Teflon coatings available
- Other types of coating on request

### Side plates with journals

- Made of high-grade carbon steel incl. isolation
- Bolted on journals with special high temperature sealing

### Design and manufacturing codes, e.g.

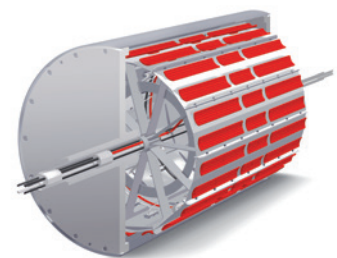
- PED
- ASME
- Chinese ML
- Others

### Tolerances

- Typical true running of a single-shell cylinder  $< 0.8 \text{ mm}$
- Diameter  $\pm 0.5 \text{ mm}$

## READY ASSEMBLED ACCESSORY EQUIPMENT

- Strong pillow block bearings for high-temperature operation, grease-lubricated type
- Siphon pipe made of stainless steel
- High-quality two-way rotary joints with integrated vacuum breaker
- Flexible hoses made of corrugated stainless steel



## LEARN MORE ABOUT THIS PRODUCT ONLINE!



Please scan the QR code on the left or enter the following link into your browser:

[www.wumag-textroll.de/cylinders](http://www.wumag-textroll.de/cylinders)

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