



Cylinder dryers for textile fabrics

Cylinder Dryers :

Dhall Cylinder Dryers are an efficient & Cheapest system for fabric drying, with energy saving, since it is direct contact drying.

Dhall cylinder dryers are designed for single or double end fabric, running side by side for getting higher production. High efficient drying capacity is ensured at higher temperature working.

Dhall Cylinder dryers are used in continuous operation with wet processing, finishing lines and as a separate drying m/c as well.

Cylinder Vertical Drying Range has the following salient features.

- [1] Sturdy side walls fabricated from single piece steel plate.
- [2] Platform with guards and staircase provided for easy maintenance.
- [3] Fabric entry to the first Cylinder can be from top or bottom, as per customer request.
- [4] Heavy duty ball bearing with pedestal for longer life
- [5] Compensator assembly, controlled by pneumatic and mechanical for tension control on fabric.
- [6] Suitable number of stainless steel guide roll from 100 mm 150 mm, 175 mm and 200 mm diameter.
- [7] Condense water removal by separate pipe for initial start of machine.
- [8] Zero leakage system with special design rotary joint & Teflon hoses

Optional items supplied on request.

- [1] Stainless Steel Exhaust hood with Roof steam heated.
- [2] Teflon coating of cylinder with 50 to 60 microns from Dupont-USA Material.
- [3] Chiller unit for Cooling cylinder.
- [4] Moisture controller from pleva/Malho.
- [5] Flat belt from Habasit/ Siegling make.
- [6] Steam accessories for individual cylinder with Trap, Stainer, Non return valve from Spirax or Similar make.
- [7] Individual motor drive on each cylinder or belt drive.
- [8] Same side contact of fabric on cylinder drier for sensitive /piled fabrics.
- [9] Insulation material on the side's cylinder for protection of heat losses.



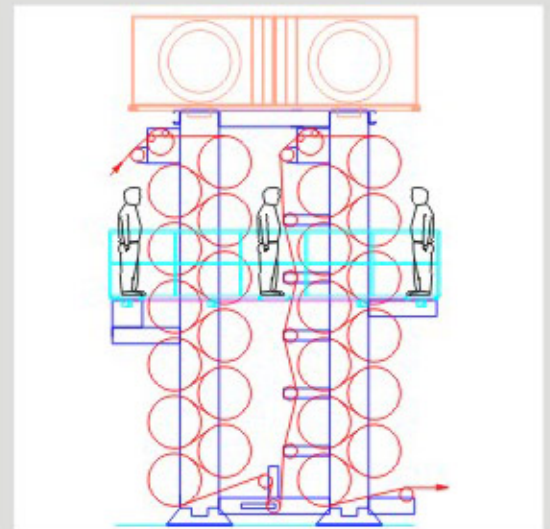
Vertical 24 Cylinder
[22 HOT+2 COLD] drying
range with individual motor
drive on each cylinder along
with the stainless steel exhaust
hood. Running in line with
Goller Germany merceriser
m/c.



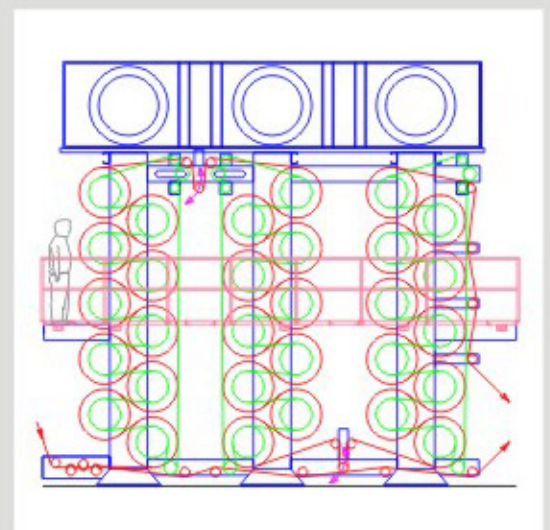
Dhall's sister company
TEF coating industries
carryout teflon coating of
cylinders & guide roll

Technical features

Main speed	: Upto150 Mtr/Min Higher on request
Working width	: 600 to 3400 MM
Heating Media	: Steam
Cylinder Diameter	: 560 MM, 760 MM, 800 MM
Cylinder sheet thickness	: 2 MM, 2.5 MM, 3 MM
Working pressure	: 5 KGS / higher on request
Teflon coated	: 50 Microns / higher on request
Drive to Cylinder	: Belt or Direct Gear motor
Stainless Steel Material	: 304 Quality, 316 Quality on request
End shaft	: Forged steel
Cooling Cylinder	: Double shell Jacketed and spiral flow
Rotary joints	: Special grade seas of teflon material from Dupont - USA.
Hose pipe	: Special grade teflon material with stainless steel wire braiding.



Vertical 20 Cylinder
[18 HOT + 2 COLD] Vertical
Drying Range showing the
service lines like steam inlet
and condensate removing,
along with the platform and
staircase. Running in line with
Benninger - Switzerland CDR line



Dhall Enterprises & Engineers Ltd.

P. O. Sajpur Bogha, Naroda Road, Ahmedabad - 382 345 India
Phone : + 91 79 2282 0383, 2282 0372, 2282 0246 Fax : 91 79 22820225
Email : dhall@dhallgroup.com Website : www.dhallgroup.com, www.dhallgroupco.in