



BHATT BROS.
LEADING TEXTILE PROCESSING MACHINERY & PARTS MANUFACTURER



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OFFICE

Nr. Anup Estate, B/H Bharat Party Plot,
Highway Road, Amraiwadi, Ahmedabad-380026 (Gujarat)-INDIA

FACTORY

Block No. 564/565, B/H Sawan Hotel, N.H No. 8,
Village Kanera- 387540. Dist: Kheda (Gujarat)-INDIA

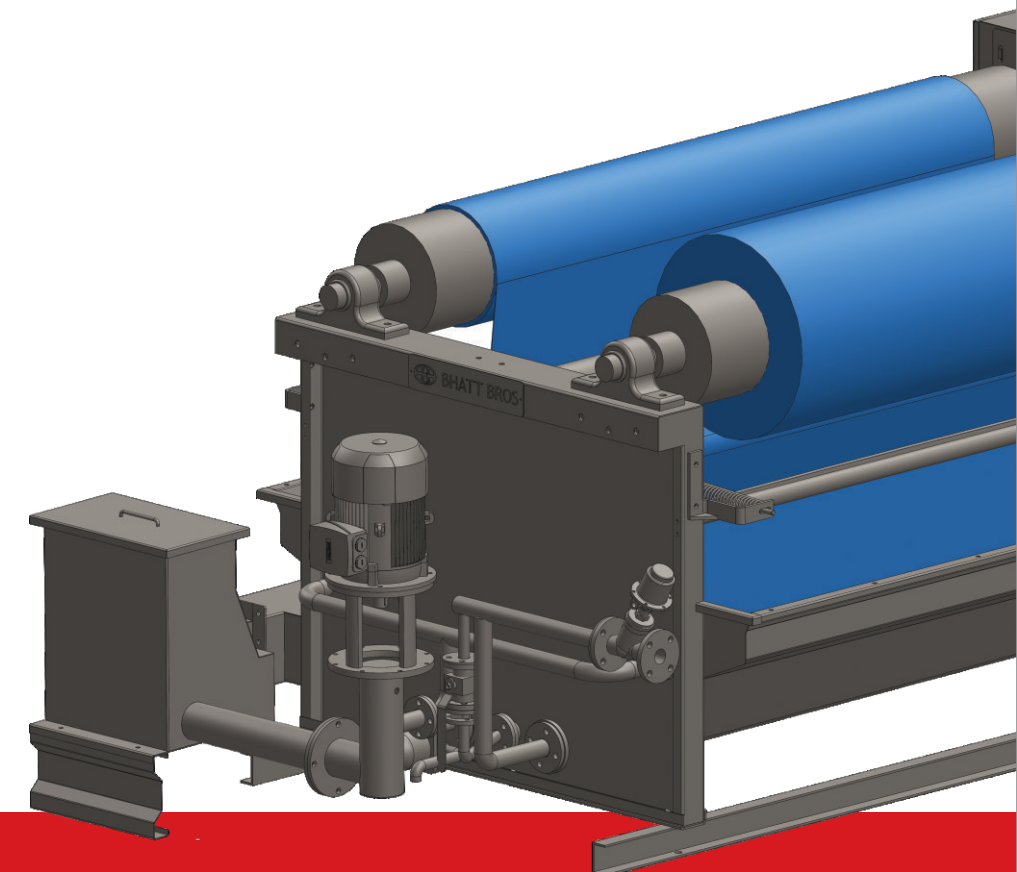
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Note: The details given in the leaflet cannot be considered as binding. Technical Indications are infinitely variable.

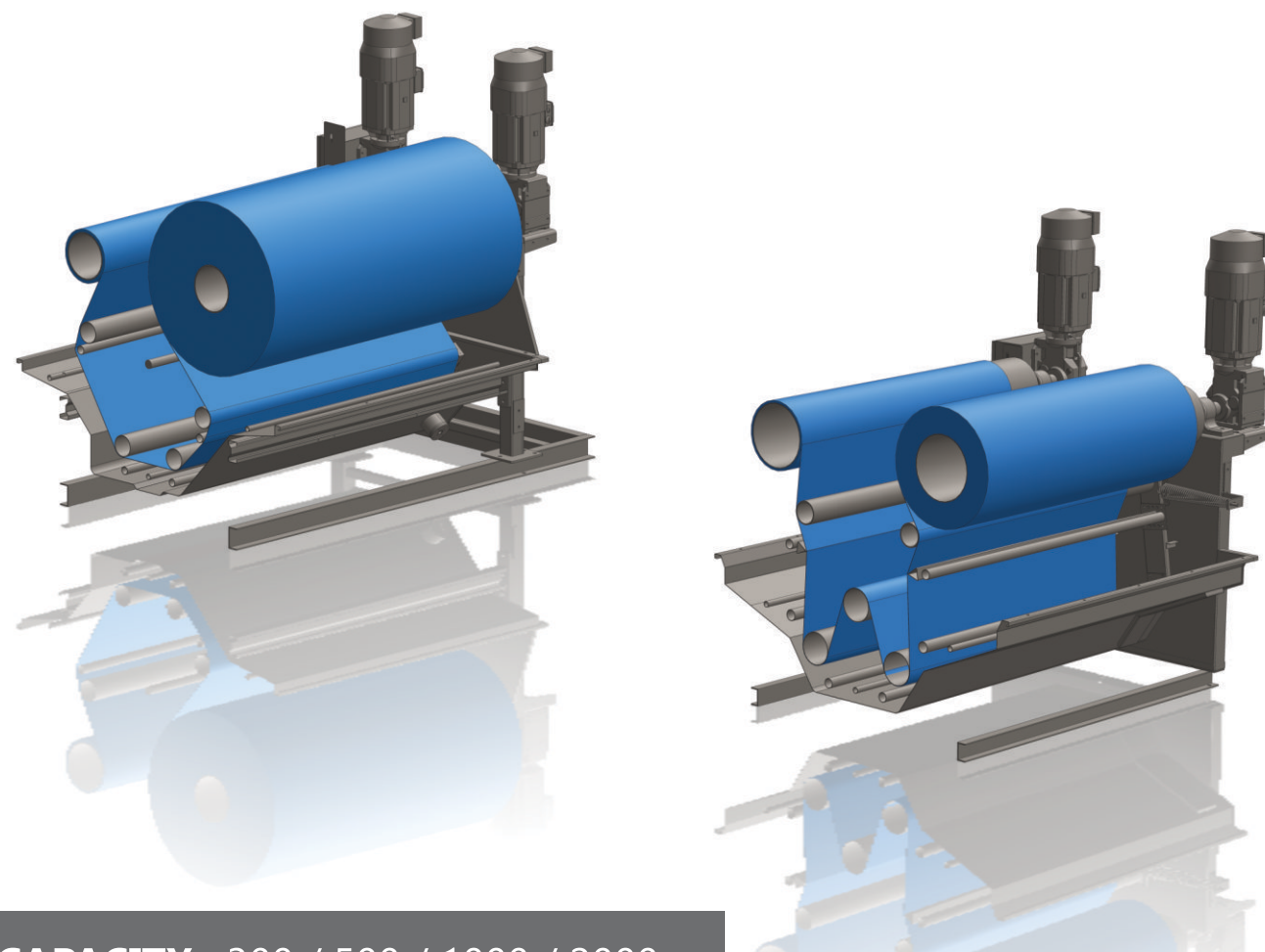
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**FULLY AUTOMATED ATMOSPHERIC
JIGGER MACHINE**

DYEING
BLEACHING
WASHING

FULLY AUTOMATED ATMOSPHERIC JIGGER MACHINE



CAPACITY : 300 / 500 / 1000 / 2000.

Fully Automated Atmospheric Jigger machine is one of the most technologically advanced automated machines for dyeing and bleaching to give you the most natural, highly accurate, even results through the batch.

It consists of Two main rollers, each with an independent yet synchronous driving force coupled with constant and regulated tension control system allows constant dyeing and liquor ratio throughout the width of the Fabric. Horizontally fitted spray pipes all across the width expedite the fabric rinsing.

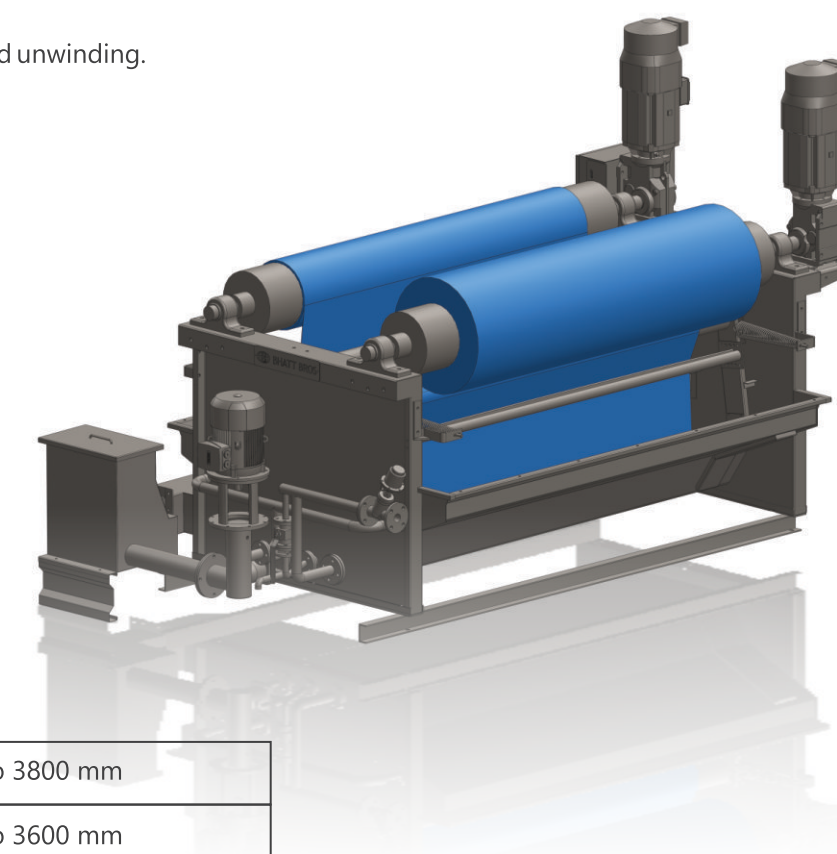
Pneumatically sealed doors minimise the heat loss, keeps the temperature uniform, reduces the exposure of liquor and cloth to the air.

Through out the process fabric speed, smooth and jerk-less start-stop, gradual noiseless reversal and automatic temperature regulation provide uniformity in fabric.



SALIENT FEATURES

- Fully Automated Programme and controller.
- Constant Tension Control System.
- Driving System
- Short Liquor Ratio & Consumption.
- Loading & Unloading with Pre-set Tension-Control
- Digital Temperature Controller
- Telescopic Automated Pendulation to avoid unbalancing of the batch.
- Automated Drain and water filling in the trough.
- Programming and storage of sequences, steps and turns in order to repeat the same process.
- Maximum Sealing
- Pneumatic pistons and Non-return valves guarantee optimum door-closure and safety.
- Centrifugal exhaust System
- Equipment for Fabric winding and unwinding.



TECHNICAL DATA

Roller Width	up to 3800 mm
Working Width	up to 3600 mm
Total Width	RW + 1500 mm
Mechanical Speed	0 to 125 m/min
Fabric Tension	5 - 50 Kg
Max Batch Dia	1500 mm
Heating Medium	Steam (Direct/Indirect)
Selvedge Shifting	up to 25 mm
Electric Power	appx. 18.7 Kw