



PRABHAT

— SINCE 1968 —

Originators & Creators in India



2 BOWL CALENDER MACHINE

PTC 002



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Textile Processing Machinery

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Prabhat Textile Corporation

3 BOWL HIGH PRESSURE CALENDER MACHINE

PTC 003



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3 BOWL HIGH PRESSURE CALENDER MACHINE (L TYPE)

PTC 003



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5 BOWL CALENDER MACHINE

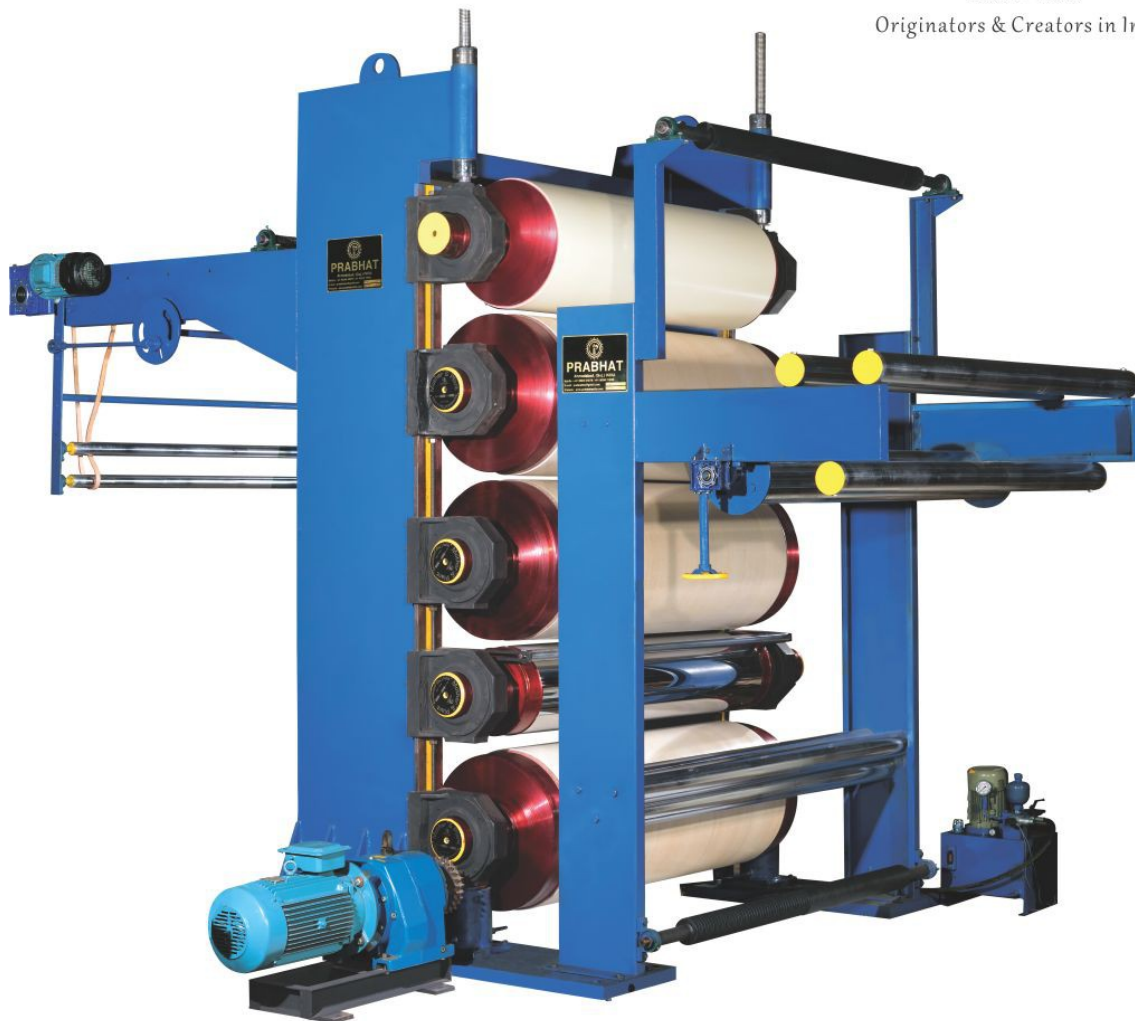
PTC 005



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5 Bowl Calender machine Effect
smooth finish / Mate finish /
Silk finish / Luster & Softness.

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Textile Processing Machinery



7 BOWL CALENDER MACHINE

PTC 007



This Calender Machine gives both side silky finish, smoothness, evenness, and luster on both sides.



www.prabhattertextile.com, www.prabhattertextile.in

2 BOWL OR 3 BOWL PADDING MANGLE WITH CYLINDRICAL DRYING RANGE



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Padding Mangle

The frame of mangle is fabricated from heavy duty steel. All fabricated part of mangle are as shot blasted.

Squeezing roll are made of heavy duty mild steel pipe and covered with the best available rubber quality ranging from 75° shore hardness for intermediate upto 85° shore hardness for high extraction.

Cylindrical Drying Range

The frame of each stack consists of fabricated steel plates with interconnections. If machine consists of more than one stack, these are interconnected by means of fabricated frame.

For maximum drying capacity with minimum fabric tension cylinder drums with a dia meter of 800 mm, the cylinders have finely polished surface and their sides are provided with vacuum valves. The journals run in special heat resistant bearing pedestals. Admissible working steam pressure is 3.5 bar test pressure upto 5.25 bars.

Alternate cylinders driven through direct shaft mounted gear motor through AC inverter drive.

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DUPLEX FELT MACHINE



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PRABHAT DYEING JIGGER



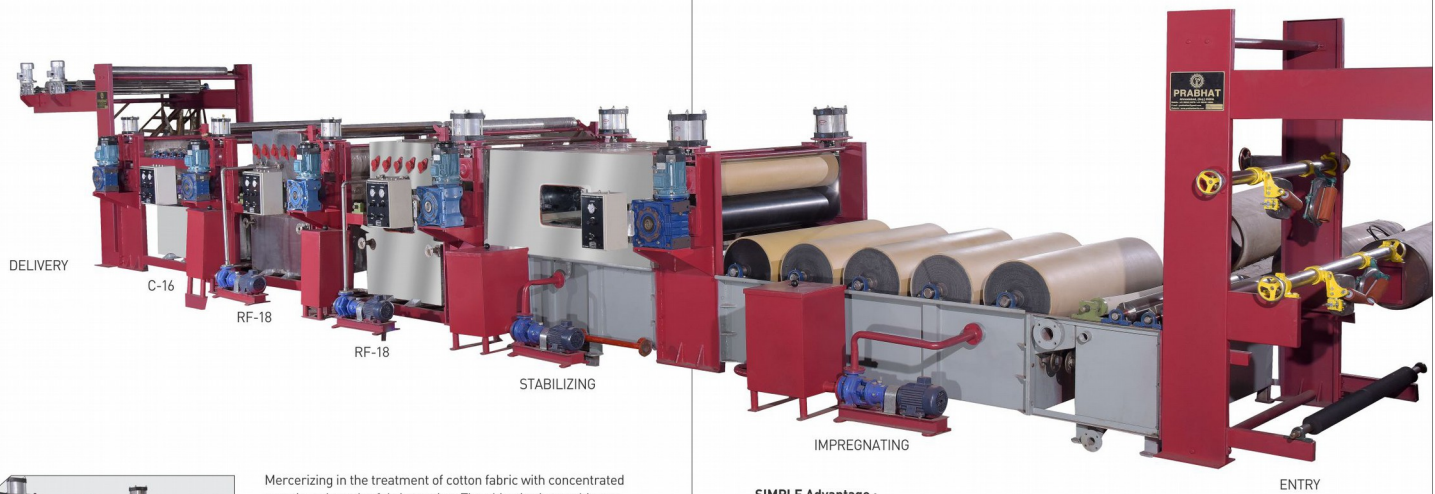
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CHAIN LESS MERCERIZER

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Mercerizing in the treatment of cotton fabric with concentrated caustic soda under fabric tension. The objective is to achieve a high degree of mercerization thereby improving.

- Luster
- Dye uptake
- Tensile Strength
- Dimensional stability

High entry device with proper tension and crease free passage fabric feed to intensive impregnating zone is followed by reaction zone.

Highly effective stabilizing compartment. The final section comprises a highly efficiency washing and neutralizing zone.



Unmercerise



Mercerise

SIMPLE Advantage :

- Tailored to customer requirement
- High quality material solidly engineered
- Fabric guiding system controlled and synchronized
- Consequent counter flow and liquor circulation
- Effective washing results in the washing compartment

Technical Data

- Working Width : 1200 to 3200mm (120 to 320 cm)
- Roller width : 1400 to 3500mm (140 to 350 cm)
- Fabric : Cotton Woven Fabric
- Mercerizing Technology : Chainless - Hot Mercerizing
- Feeding Mode : Heavy Fabric - Single Layer , Light Fabric - Double Layer
- Fabric Speed : 10 to 40 mtrs/min

PAPER CALANDER MACHINE



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Combination : 3 / 5 / 7 & 11 Bowl Machine

Bowl width	: 700mm - 3000mm
Bowl Dia	: Steel Bowl: 300mm - 600mm
Comber Cotton Bowl	: 400mm - 600mm
Polyamide Bowl	: 505mm
Machine Speed	: 05 - 200 M\MIN.
Pressure System	: Hydraulic
Un-Winding & Winding	: Load Cell 2-nos. Pneumatic Brake Air Shaft Chuck E + L Make Pneumo hydraulic power pack

Textile Processing Machinery

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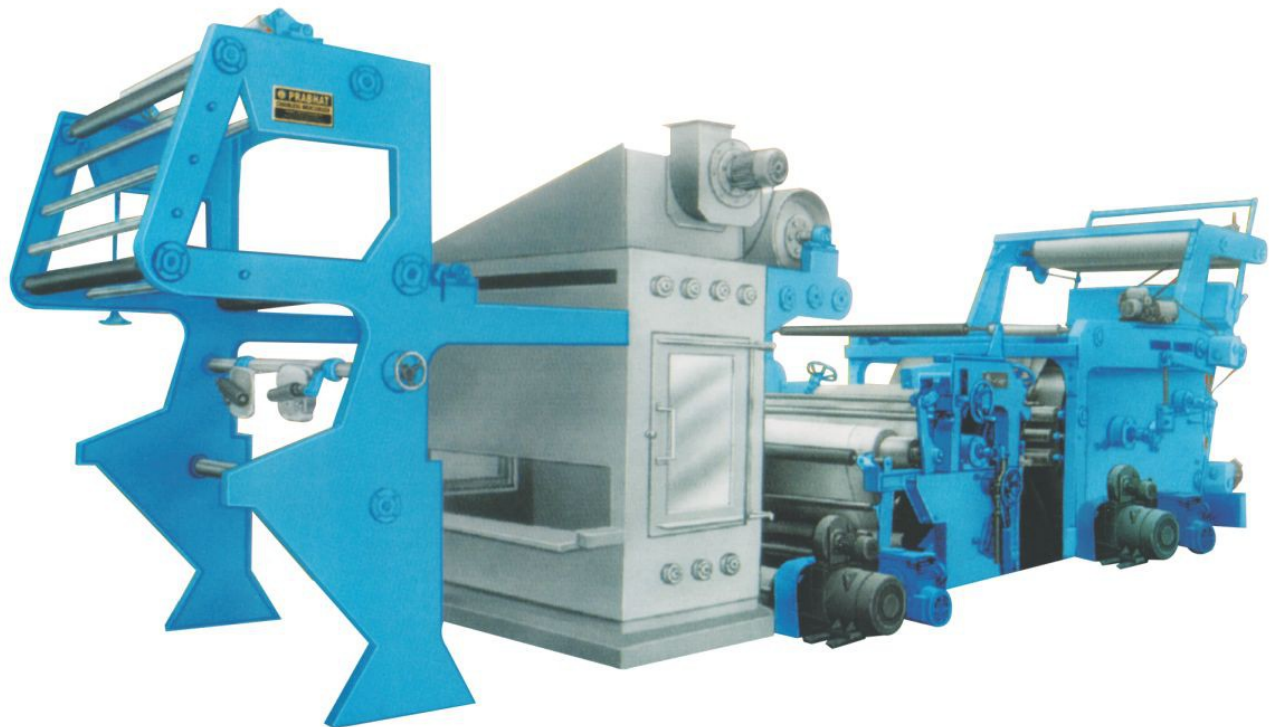
COMPRESSIVE SHRINKING RANGE



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