

MC – 2

Machinery for Processing of Fibre/Yarn/Fabric

Sr. No.	Name of the machine with specifications
1.	PLC controlled dye Kitchen management system
2.	Soft Package Precision Winding machine with individual drum/Spindle driven
3.	Automatic Arm Hank Dyeing machine
4.	Air Flow Dyeing machine
5.	Automatic Cabinet type Yarn Dyeing machine
6.	Automatic Sample Yarn Dyeing Machine
7.	PLC based fully automatic Jigger with servo/microprocessor control
8.	Industrial washing/drying machine for garments/made ups/industrial tumble dryers/washers
9.	Reverse Osmosis, Nano Filtration , Multiple stage prefabricated steel evaporator excluding civil construction
10.	PLC controlled Shearing / Cropping machine more than 05 mtrs per minute
11.	PLC based yarn / fabric Singeing machine with auto mixing of air & fuel for temperature and flame control with or without pre and post brushing and desizing unit.
12.	PLC controlled Singeing machine for tubular fabrics
13.	PLC controlled Knit tubular mercerizing machine or bleaching cum mercerising machine with knit fabric diameter adjuster.
14.	PLC controlled Ammonia mercerising machine for fabrics,
15.	PLC controlled fully automatic Yarn / fabric mercerizing machine
16.	PLC controlled continuous Knit fabric bleaching plant
17.	Baloon Padder with silicate dosing along with level control & ratio control mechanism
18.	Slit opener with open width squeeze mangle for knitted fabric.
19.	Fabric automatic reversing machine
20.	PLC & Inverter Controlled Automatic Reeling Machine with stop motion and with length Measuring Device
21.	PLC based open width/rope and squeezing machine with detwister
22.	PLC based J Box
23.	PLC based Solvent Scouring Machine / Vaporlock machine
24.	PLC based Rotary Drum Washer
25.	PLC based Float Dryer with padding mangle.
26.	Fibre cake opener for fibre dyeing machine for yarn dyeing unit
27.	Yarn conditioning machine for Yarn Dyeing units
28.	Precision flock cutting / printing machine for textile processing unit only.
29.	PLC based Relax dryer
30.	PLC based Sueding / peach finishing machine with brushing / raising / contipress / pile cutting
31.	Automatic Pleating/Creasing/Folding machine for fabrics.
32.	PLC based Microwave dryer / Hot air dryer / Infrared dryer.
33.	Automatic Crush machine for uneven pleat for grey/dyed fabrics.
34.	PLC based Dipping machine
35.	PLC based Foam finishing machine

36.	Water softening plant.
37.	Deminerlisation plant.
38.	Open-width continuous scouring and bleaching range with microprocessor attachments and automatic chemical dosing.
39.	PLC based Package Dyeing machines (cheese, cone, Tops, fibres, dyesprings, yarn beam) and with maximum liquor ratio of 1:5
40.	PLC controlled Fully Automatic Flat Bed Printing machine with pneumatic blanket control
41.	PLC based Soft flow Dyeing Machine with pre heating chamber (liquor ratio max 1: 4)
42.	PLC based Rapid Jet Dyeing Machines with minimum capacity of 100 kgs and fabric speed of minimum 60 mtrs per minute (liquor ratio max 1: 4)
43.	Compact continuous dyeing and finishing machine for tapes / narrow width woven fabric
44.	Open width Pad-dry and / or Pad-Steam continuous dyeing.
45.	Indigo Rope/Sheet dyeing range including indigo dyeing cum sizing machine
46.	Digital / laser / len engraving / screen making system for rotary screens for textile processing units only
47.	PLC based fully Automatic Rotary Screen Printing Machine with magnetic / Air flow squeegee system, automatic design setting, and quick change over facility/ flying design change (FDC) system with or without on-line washing arrangement
48.	Digital/Ink jet printing machines (For textile processing units only).
49.	High Speed Micro inkjet engraver with UV exposing unit. (For textile processing units only).
50.	Continuous transfer printing machine (cylinder based) for synthetics.
51.	PLC controlled Thermosoling range (For Synthetics only).
52.	PLC controlled continuous crabbing machine with minimum speed of 15 mtrs per minute.
53.	PLC based scouring and milling machine with minimum speed of 25 mtrs per minute and maximum liquor ratio of 1:5.
54.	PLC based Loop ager with arrangement for moist and superheated steaming with minimum speed of 20 mtrs per minute.
55.	PLC based Powder dot coating / laminating machine for fabrics with dot roll temperature control.
56.	Continuous weight reduction machine through micro wave technique (for Polyester goods only) with minimum speed of 20 mtrs per minute
57.	PLC controlled Multi Chamber Washing range with minimum 5 chambers
58.	PLC controlled Multi cylinder Drying range with individual cylinder drives with or without padding mangle
59.	PLC controlled Multi chamber /Multi layer Stenter (minimum 4 chambers) with arrangement of Thermic fluid / gas heating.
60.	PLC controlled Compressive Shrinking range
61.	PLC controlled continuous decatizing machine with Wrapper tension and auto clave programming and minimum working speed of 30 mtrs per minute
62.	PLC based Airo Machine (for durable mechanical finishes)
63.	PLC controlled Calendering Machine having Thermoplast/Duraplast/Polyamide sleeve
64.	PLC based Compacting machine

65.	PLC Controlled Radio frequency / Radiant gas fired / Loop dryers
66.	Brushing machine for denims
67.	PLC controlled Machine for Softening/Stone wash effect on fabric/garments.
68.	Robotised automatic roll packing machine.
69.	PLC controlled Plasma Treatment machines
70.	PLC controlled Continuous Pressing and Setting Machine / Super finish machine
71.	AC inverter driven PLC based Fabric inspection machine with fault analyzer and report generator and length measuring and cutting device
72.	Hand held spectrophotometer for shop floor colour matching
73.	PLC based Husk/oil / gas fired boiler (Steam /Thermic fluid) with automatic control on combustion efficiency, O2 Monitoring Equipments, and with Electrostatic precipitator and Micro dust collector
74.	Wool Carbonising Line / Plant for textile unit only.
75.	Automatic Hydroextractor
76.	PLC controlled Curing/Polymerising Machine
77.	PLC controlled Coating/Embossing Machine
78.	Multi Cross Linking Resin Finishing Machine.
79.	Pile Lifting Machine.
80.	Latex mixing and dispensing system for Coating Line.
81.	Air compressor 15 H.P. and above with in-built invertors and air driers.
82.	Testing Equipments in Quality Control Lab accredited by National Accrediation Board for Lab (NABL) India and set up in the textile & jute unit.
83.	Fully automatic material handling system
84.	Ultrasonic Cleaning machine for fabrics and strips
85.	PLC controlled Denim wet finishing and Shrinking range with inverter motors.

