

MC – 6

Machinery for Silk

A. Silk Reeling Automated Plant

<p>1. Automatic silk Reeling Plant having 400 ends capacity and comprising of below mentioned eligible machinery –</p>
<ul style="list-style-type: none">a. Cocoon peeling machineb. Cocoon sorting machinec. Vacuum permeating machined. Cocoon cooking machine (Conveyer type)e. Automatic silk reeling machine (400 ends)f. Reeled silk humidifierg. Re-reeling machine (40 Windows)h. Basket conditioning oveni. Frision scraping machinej. Frision treatment machinek. Dewater machinel. Skein winderm. Reel carriern. Conveyer cocoon drier – 2 ton capacityo. IBR Boiler (1 ton capacity)p. RO based Water Softening equipment (2500 liters/day)
<p>2. Automatic Dupion silk Reeling Plant having 142 ends capacity and comprising of below mentioned eligible machinery –</p>
<ul style="list-style-type: none">a. Cocoon peeling machineb. Cocoon sorting machinec. Vacuum permeating machined. Cocoon cooking machine (Conveyer type)e. Automatic Dupion Silk reeling machine (142 ends)f. Re-reeling machine (20 Windows)g. Cocoon Drying Machineh. IBR Boiler (1 ton capacity)i. RO Water Softening equipment (2500 liters/day)

B. Silk Twisting , Weaving & Knitting Machinery:

- a. Two for One Twisting Machine having 288 X 2 Spindle
- b. Parallel winder with minimum speed of 300 mts per minute
- c. Cone winding machine 24 spindles capacity having minimum speed of 400 mtrs per minute
- d. High speed direct beam warping machine with creel having minimum warping speed of 500 mtrs per minutes and beaming speed of 100 mtrs per minute.
- e. Shuttle less loom (Rapier loom) with WIR of 280 mpm
- f. Electronic jacquard with minimum 480 hooks
- g. Electronic flat bed knitting machine
- h. Automatic circular knitting machine of minimum 22 "dia
- i. Automatic warp knitting machine
- j. Computerized Embroidery machine 16 heads, 8 colours

C. Silk Wet Processing Machinery:

- k. Automatic 2 Arm Spray Dyeing Machine
- l. 4 Arm Spray Dyeing Machine
- m. Winch Dyeing Machine
- n. Calendaring Machine/ Mini Felt Calendaring Machine
- o. Decatizing Machine having
- p. Soft Flow Dyeing Machine with capacity of minimum 5kg
- q. Digital Printing Machine For Silk (8 Heads)
- r. Stenter Machines (4 Chambers)
- s. Reverse Osmosis, Nano Filtration , Multiple stage prefabricated steel evaporator excluding civil construction
- t. Cabinet dyeing machine for silk (20kg Cap.)
- u. Computer colour matching and automatic dispensing unit
- v. Package dyeing machine for cone or cheese (10kg/load)
- w. Drying system for hanks

Note: The machinery given in MC-6 are eligible for the natural silk segment only.