

MC – 1 (A)

Energy Saving Machinery for Weaving, Weaving Preparatory, Knitting

A. Weaving Preparatory

Sr. No.	Name of the machine with specification
1	Single yarn sizing machine with minimum speed of 250 mtrs per minute with Servo drive and Servo Motor and PLC based.
2	High speed multi cylinder sizing machine/ zero twist sizing machine having minimum 8-10 cylinders for single size box and 12-14 cylinders for double size box and minimum speed of 100 mtrs per minutes with Servo drive and Servo Motor and PLC based
3	Direct beam warper with minimum 300 ends creel capacity and minimum speed of 1000mtrs per minutes and with Servo drive and Servo Motor and PLC based
4	Sectional warping machine with auto stop & tension control along with minimum 300 ends creel capacity and minimum speed of 500 mtrs per minutes with Servo drive and Servo Motor and PLC based

B. Knitting

Sr. No.	Name of the machine with specification
1	High speed circular knitting machine with servo motors and servo amplifiers and with yarn tension and clearers along with Creel - 1) Having Dia up to 26" with a minimum speed of 20 RPM and above, 2) Having Dia above 26" with a minimum speed of 15 RPM and above.
2	High speed socks knitting machine having minimum production of 15 pairs per hour and gloves knitting machines having minimum production of 3(three) gloves per minute with servo motors and servo amplifiers and with or without electronic jacquard.
3	Computerised flat bed knitting machine with servo motors and servo amplifiers and with minimum speed of 11 revolutions per minute / minimum speed of 0.3 Mts/ Sec.
4	Warp/ Raschel knitting machine having minimum working width of 60" and minimum speed of 500 RPM with servo motors and servo amplifiers.
5	High speed computerised warping machine for knitting with minimum closed creel capacity of 200 and minimum speed of 100 Mts/ Min and with servo motors and servo amplifiers
6	Computerised label making Knitting machine with minimum 2 heads and minimum speed of 500 RPM and minimum working width of 50 mm per head with servo motors and servo amplifiers.
7	Computerized Strap (Collar/Cuff) Flat Bed Knitting Machine with servo motors and servo amplifiers and with a minimum speed of 0.3 Mts/ Sec along with minimum working width of 12".
8	High performance Tricot Machinery with minimum 3 Bar and speed of 2300 rpm and above and with servo motors and servo amplifiers.
9	Spin - Knit machine (Rove fed Circular Knitting machine)