

Machinery for Handlooms

S. No	Name of the Machine
1.	Electrical winding machine
2.	Electrical Warping machine
3.	Motorised/Pneumatic/Electronic Jacquard
4.	Semi-automatic /ordinary frame handloom with minimum width of 52", with or without dobby / jacquard and benchmarked technology features, viz., take-up motion, smooth sley movement, bigger shuttle and bobbin (minimum 4"), negative let-off motion. It may include attachments such as multiple weft butta mechanism, pick & pick sliding shuttlebox, solid border weaving catchcord attachment. The frame loom should be made out of ½" x 1 ½" x 3" steel U channel or steel pipe 2 ½" diameter and 8 gauge or sturdy wood with minimum 4" widthx4" thickx6' height. The looms may have additional warp and cloth rollers made of wood or steel to ensure weaving of long length fabric.
5.	Handlooms of fly shuttle frame loom fitted with Dobby like lattice /barrel/tappet/draw bar/iron frame vertical/centre closed shed/wooden frame vertical/double cylinder iron border, Jacquard like single lift single cylinder wooden frame/single lift single cylinder iron frame bar/double lift single cylinder iron frame/double lift double cylinder iron frame/janata/lino Combination of jala and dobby or jacquard; Fly shuttle sley fitted with drop box on one side/drop box on both sides /circular shuttle box pick & pick sley;
6.	Fly shuttle frame loom fitted with let off motions like lever and weight let off motion/special spring motion/rope let off motion/weight system/spring system.
7.	Fly shuttle frame loom fitted with take up motion like ratchet & pawl motion/3 wheel Ichalkaranji type motion/5 wheel take up motion without emery roller/7 wheel take up motion.
8.	Handlooms fitted with special attachments like catch card system/swivel loom/ lappet motion/terry motion/lino mechanism/chennaile weaving (automatic cutting of chennaile while weaving), metal frame handloom/wider width wooden frame handloom/long length cloth weaving mechanism etc. Note: In addition, handloom units may also be provided with piano card punching machine/electronic card punching machine.
9.	Winding machine with multi spindle for preparation of pirns/bobbins/drums operated by hand/peddle/power.
10.	High Speed Doubling machine having spindle fitted on bolster with ball bearing.
11.	The mobile textile quality testing equipment only for handloom sector and capable of testing all of the following : <ul style="list-style-type: none"> • Colour fastness to washing at about 40 degree Celsius. • Colour fastness to crocking/rubbing

	<ul style="list-style-type: none"> • Shrinkage • Ends-Picks per inch • Count of yarn • Percentage crimp of yarn • Fabric width, and • Grams per Square meter etc.
12.	Coating machine for Metallic yarn for jari processing only
13.	Universal Double Covering machine for jari processing only
14.	Micro slitting machine for jari processing only
15.	Coating/Vacuum Metalizer for jari processing only
16.	Twisting/Doubling machine for jari processing only

Note: The machinery given in MC-5 is only eligible for Handloom.