



**LATEST  
TECHNOLOGY  
TEXTILE  
MACHINES**

**WEAVING  
SEGMENT**

# REAL HIGH SPEED ELECTRONIC JACQUARD MACHINE

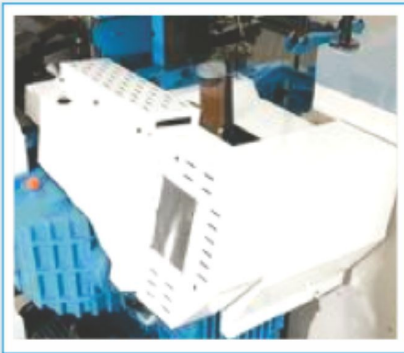


## TECHNICAL PARAMETER

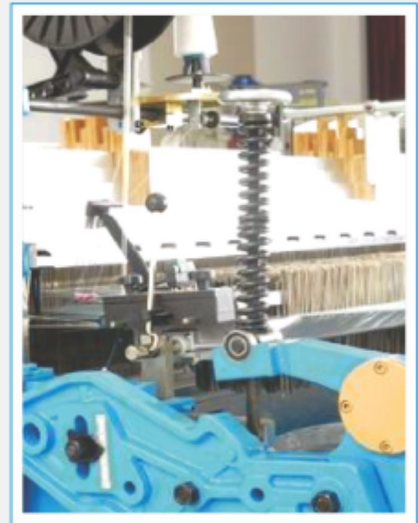
<b>Main Motor</b>	Super Servo Motor output torque as practical load
<b>Speed</b>	Design speed 600rpm, optimum speed ~550rpm. max weft insertion rate 1150m/min with Jacquard speed will be 280rpm to 330 rpm
<b>Shedding</b>	Option 1408, 2688, 5376, 6144, 12288 hooks
<b>Let Off</b>	Electronical Servo Let off. Warp beam plate Dia. Ø800mm
<b>Takeup</b>	Electronical Servo Take up, Max cloth rolling Dia, 600mm (on machine)
<b>Type</b>	Space 4 linkbar for weft insertion, weft filled from left and handover in middle.
<b>Selvage Formation</b>	Big jacquard with leno selvage or rotary LENO controlled by stepper motor (Single or two side type for choice)
<b>Reed Width</b>	190cm, 210cm, 220cm, 250cm, 260cm, 280cm, 300cm, 320cm, 340cm, 360cm, 380cm, 390cm
<b>Density Of Weft</b>	4-200 Picks/cm
<b>Suitable Yarn</b>	Cotton wool, flax, blends, 5tex~1000tex staple 10d~3300d filament 3s~80s



Electronic let off with servo motor. ELO and ETU perfect cooperation, effectively avoid fabric mark



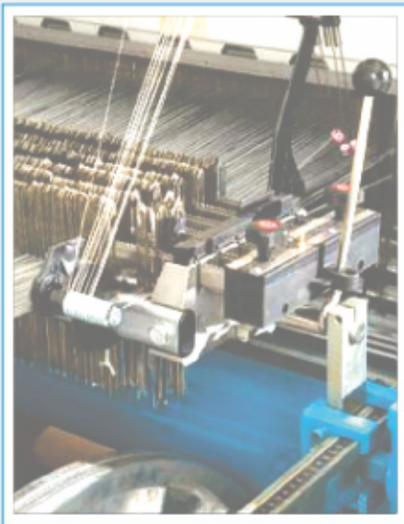
Weft insertion : Two side conjugate CAM through a connecting rod transmission gear sector,  
Beating : beating up force for weaving high density fabric and heavy fabrics.



The double beam hardening off, negative stationary device, not only suitable for light to heavy fabric, but also can improve the fabric quality,



Electronic 8 colour selector by electronic control cam driven, suitable for various weft yarn.



Stop motion : Stop motion can quickly find the broken warp position, thus improving the weaving efficiency



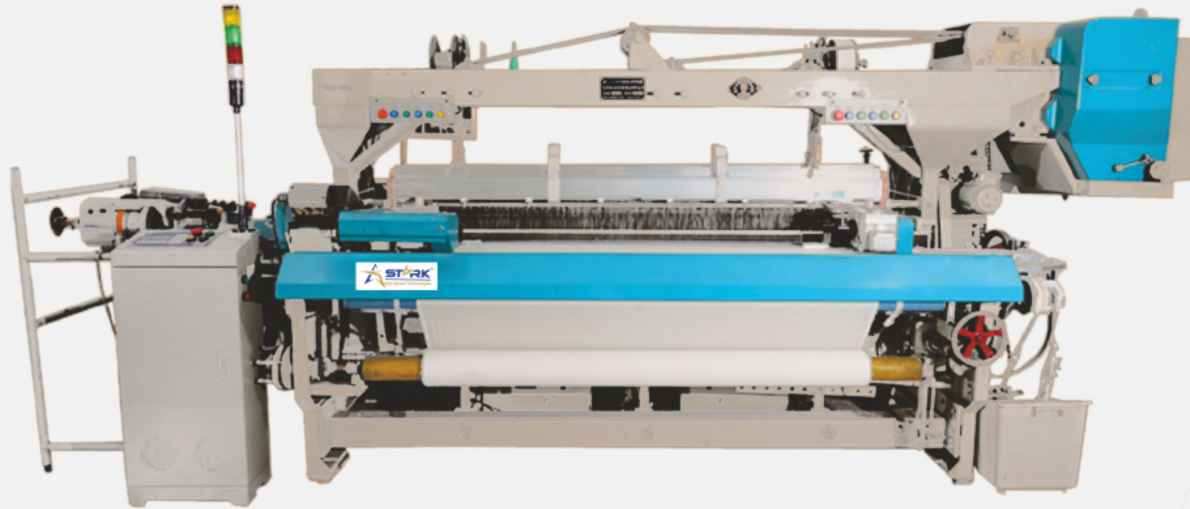
Electronic take up with servo motor for different weft density alternating weaving to meet a variety of different fabrics.



Dobby : Electronic and mechanical dobby, up to 20 healds frame,  
Jacquard : electronic jacquard shedding mechanism with auto Pick finding and Pick Variation System.

- High Quality
- High Efficiency
- Intelligent System
- Save Energy

## RAPIER LOOM WITH DOBBY



### TECHNICAL PARAMETER

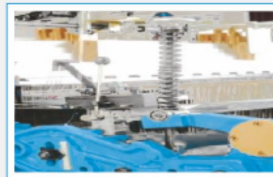
Reed Width	180 cm - 360 cm
Weft Selection	6 Mechanical Colour Selector or 8 Electronic Colour Selector (Optional)
Weft Insertion	6 Lever Filling Weft Insertion
Weft Density Range	8-120 Picks/cm
Machine Speed	180-270 RPM (360 cm - 200 cm Width)
Sheding	Tapped/CAM/Dobby/Electronic Jacquard
Let Off	Mechanical Let-off / Electronic Servo Let-off (Optional)
Beam Flange	∅ 600 mm / ∅ 680 mm / ∅ 800 mm (Optional)
Take-up	Mechanical Take-up / Electronic Servo Take-up (Optional)
Dia Of Rolling Up	∅ 600 mm
Main Motor	2.2 Kw.

### SPECIAL FEATURE :

- Auto Pick Finding System
- Pick Variation System
- Pick Repeat Length Upto 1 Lac Picks
- With 20 Heald Frames
- Speed Upto 260 RPM



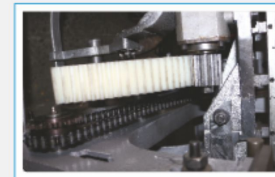
Electronic Big Control Panel



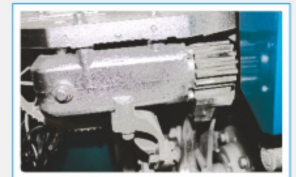
Tension Control Device to Increase Quality of Fabric



Japanese Type Tuck in Device



Best Quality Nylon Half Gear to Increase Efficiency



"Jintan" Brand Heavy Duty Square Gear Box



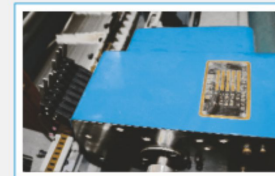
The 6 Connecting Rod Weft Insertion Mechanism



Shower Bath Type Dobby Oil Pump System



Pressure Oil Pump For Bearing



8/6 Colour Self Motor Electronic Colour Selector



Square Type Oil Box for Mechanical Let off

# HIGH SPEED WATERJET LOOM



## TECHNICAL SPECIFICATION

Reed Width	150,170,190,210,230,260,280,320,340,360,380,420,450cm
Shedding Type	Plain, CAM & Dobby
Dobby Type	Electrnoic, Mechanical
Number Of Nozzle	1,2,3 Or 4
Warp Beam	850 mm (Optional 1000 mm)
Weft Density	5-120 Picks/cm
Running Speed	600-1200rpm (Working speed depends on fabric specification)
Heald Frame	2-16 Pcs Best Quality
Let Off	Mechanical Or Electrnoic
Take Up	Mechanical Or Electrnoic

# HIGH SPEED SECTIONAL WARPING MACHINE



## TECHNICAL SPECIFICATION

Work Width	2300 - 5500(mm)	Cone Angle	7.125°
Beam Flange Diameter	800 to 1000(mm)	Stripe Traverse Speed	0.001 - 9.999(mm/r)
Warping Speed	0- 600/800 (m/min)	Deviation Of Stripe Traverse	0.02%
Beaming Speed	0-150 (m/min)	Distance Between Space Reed And Yarn On The Drum Strip Location	Adjustable
Deviation Of Linear Speed	2%	Position Of Cone Starting Point	Automatic
Braking Distance	2(m)(With a speed of 300m/min)	Stripe Location	Automatic
Drum Diameter	1026(mm)	Stripe Width	0.1 -999.9(Min)
Cone Lenth	1310(mm)	Electronic Configuration	Mitsubishi PLC, Advance Servo System
Tensioners	Varieties available		
Brakes	Disc Brakes for Large Broken Momants		



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