

LATEST
TECHNOLOGY
TEXTILE
MACHINES

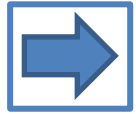


STARK INTERNATIONAL

STARK INTERNATIONAL” is a professional enterprise with high technology that engaged in service and sales for Textile related Machinery like High Speed Rapier loom with Dobby, High Speed Rapier loom with Jacquard, Water jet Loom, Sectional Warping Machine & Computerized Embroidery machines. Apart from that, STARK INTERNATIONAL also engaged in dealing for Normal Speed Rapier Loom Machine with Dobby and Normal Speed Rapier Loom with Jacquard.



PRODUCT



High Speed Rapier Loom With Jacquard



Water Jet Loom

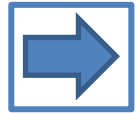


Rapier Loom With Jacquard

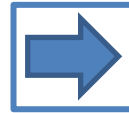


High Speed Airjet Loom





Rapier Loom with Dobby



High Speed Embroidery Machine



Sectional Warping Machine



High Speed Rapier Loom with Jacquared

STK-OPMAX Machine configuration

Reed width: 190cm, 210cm, 230cm (narrow loom);250cm, 280cm, 300cm, 320cm, 340cm, 360, 380cm (wide loom).

Loom driving: driven by on-off magnetoresistive main super-motor.

RPM: 750 rpm/min (190cm) as designed as utmost, economically 550-600 RPM/min (190cm).

Weft insertion rate: 1425 meter/min utmost.

Yarn scope: short yarn: Nm200–Nm3 (Ne120–.Ne1.8) Long yarn: 22 den-3000 den(25 dtex..3300dtex)

Weft color selection: 1-8 colors or freely programmed in terms of different yarn specifications.

Weft detection: 6 or 8 holes weft detector of double-weft prevention

Shedding mechanism: STAUBLI 2658 electronic rotated Dobby, utmostly installed 20 heald frames, or tappet shedding or jacquard shedding.

Beating-up mechanism: two inside set of conjugate cam beating-up mechanism (narrow loom)

three inside set of conjugate cam

beating-up mechanism (wide loom)

Weft insertion system: unique space linkage weft insertion system

16mm narrow gripper band, single guiding pilot system

27mm wide gripper band, no guiding pilot system (option)

Let-off mechanism: Servo motor control, 850 kg gravimetric tension sensor

Warm beam discharge mechanism as double back rest

Warp beam diameter: 800mm, 1000mm

Warp Stoppage: 6 row electronic stoppage stand, circular pitch: 30 mm.

Take-up mechanism: servo motor control, double pressing rollers

Utmost take-up diameter: 550mm

Batch winder: 1500 mm (option)

Weft density: 4-200 pick/cm

Weft finding function: Electronic weft finding, close shed positioning control system.

Scissors: Mechanic weft cutter

Mechanic selvage cutter

Net port: Ethernet, USB, serial interface

Other functions: Network group control, Remote control diagnosis(option), Water-cooling system(option).



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	Ø 600 mm / Ø 680 mm / Ø 800 mm (Optional)
Take-up	Mechanical Take-up / Electronic Servo Take-up (Optional)
Dia Of Rolling Up	Ø 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



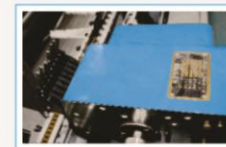
The 6 Connecting Rod Weft
Insertion Mechanism



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 WITH DOBBY



Technical Specification :-

Particulars	Main Specification
Normal reed space (Cms)	150/170/190/210/230/260/280
Connected electric Power(Kw)	2.2 Kw 150cm to 190cm or 2.8 kw 210cm 280cm (1.5KW Optional)
Inching	Stop Control in position and operation by stop button
Frame Structure	Box Type
Weft Accumulation	2 nozzle m/c Electric weft accumulators with pick at will device 1 nozzle m/c mechanical type
Water Pump	18 No. To 26 No.(as Per your requirement)
Nozzle & needle	0 No. To 40 No.(as Per your requirement)
Weft Packages holder stand	For four Packages
Shedding	Crank type Plain Tappet-6 Heald frames Dobby type-16 heald frames
Let-off	Variable speed controller (0 max)
Weft density	20-140 picks per inch
Beam flanges diameter (mm)	800mm
Leno device	Planetary gear type with proximity switch
Drying/dehydration	By Suction Blower device
Weft Yarn Cutting	by mechanical cutters on both sides of selvages
Electric power source	380 V
Electric motors	1.5 KW for 150cm to 190cm & 2.2 KW for 210cm to 280cm
Mechanical speed/working speed	80 RPM Plain m/c & 600 RPM dobby m/c
Control Panel	Logic & PC type
indicator signal lamp	4-colour LED type
Weft feeler	infra red (I/R) type
Weight	1.6 tonnes to depending on reed space

HIGH SPEED AIRJET LOOM



High speed Air-jet Loom Suit for the production of woven fabrics that are made of various nature, man-made, synthetic fiber and blended spinning yarn. The loom can be widely used in the production of apparel fabrics, as decorative and industrial fabrics

machine frame is designedly braced by lots of beams that is high-performance of rigidity & vibration-resistance.

the beating-up mechanism adopts 4 or 6 connecting rods and more sleys with solid beating-up shaft, effectively offers the production be more powerful for the bearing up and high-speed stable operation for fabric manufacture

the machine operation is adopted by key-pressing input on display interface, realizing the simple human-to-machine dialog. the operation is more humanized, configuring highly-integrated computer circuit control system, ensure the loom can work fast and steadily.

Technical Specification

- 1.) Reed Width :- 150,170,190,210,230,250,280,340,360,390
- 2.) Weft Selection :- 1,2,4 or 6 color
- 3.) Motor :- Power 2.8 K.w,3.0 K.w,3.7 K.w,4.5 K.w,5.5 K.w
- 4.) Weft insertion :- Main nozzle+swing nozzle+profile reed,
- 5.) Length Measuring Weft Feeder :- Electrically controlled weft feeder
- 6.) Shedding :- Crank Shedding, Cam Shedding, Electronic Dobby Shedding
- 7.) Held Frame :- 2-16 Pcs
- 8.) Take Off :- Mechanical or Electronic
- 9.) Let Off :- Passive Or Mechanical
- 10.) Flanges Diameter :- 800mm,914mm,1000mm,
- 11.) Selvage :- Smooth or Rough Selvage
- 12.) Speed :- 400-1000 RPM (Working Speed depends on fabrics specification)



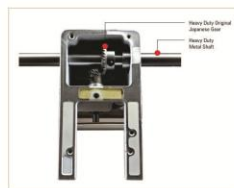
Stark Developed Multi Needle Flat Stitch Embroidery Machine



Stark Developed Multi Needle Coiling / Sequence Embroidery Machine



Flat Machine with Seperate Tension Base



Advanced Gear Box



1.6 Kobest Korean Rotary Hook

SPECIFICATION :

- High Speed Embroidery Machine -1000rpm.
- Dahao 8 Inch 528 Computer With Auto Head Selection.
- Dahao Servo Motor For Main Shaft.
- Dahao Servo Motor For Xy Pantograph.
- Without / With Trimmer / Motorised Trimmer
- Original Korean 1.6x Jumbo High Speed Kobest Rotary Hook.
- Single Cam Double Lever High Speed Head with Jump Solenoid.
- Stark Latest Tension Base with Piping Facility System.
- Heavy Duty Beam with Heavy Machine Body.
- Linear Drive Systems XY, Back Support- 250x200
- Stark New Developed Linear Guide Rail.
- Double Transmission Cases.
- Hanging Heads with Electrical Oil System.
- Intelligent Alarm Boards.
- Semi Automatic Oil Lubricant Facility.



Sequence Device



Coiling Device

SPECIALISTS

Model	Needles	Head	Head Space	Pantograph
SI - STARK	3/4/6/9/12	15/17/25/27/30/35/38/40/74	125/200/250/300/400	1200/1300/1500

*Customized Model As Per Customer Requirement

SPECIALISTS

Model	Needles	Head	Head Space	Pantograph	Device
SI - STARK	3/4/6/9/12	15/17/25/27/30/35/38/40/74	125/200/250/300/400	1200/1300/1500	COILING / SEQUENCE BEADS / LASER

*Customized Model As Per Customer Requirement

Sectional Warping Machine

STK-005-1A

Sectional Warping and Beamin Machine



Feature

1. The width, warp capacity, main controller, servo drive, proximity switch are the same as CQ005-1
2. The frame and drum materials are the same; the warping speed is the same, the reverse shaft speed is the same; the reverse shaft reducer adopts WPA200 type, the speed ratio is 1:30
3. Braking distance $\leq 3m$, strip width setting range, strip width displacement speed are the same
4. Cone, cone length, and guide bar follow the same accuracy
5. Inverter: Delta VFD-B type
6. Warping display: Weilun MT6070 (Taiwan); inverted shaft with panel plus button
7. The whole drum is the same, the drum drive, the warping table is traversed, and the guide wire is the same.
8. Roller brake: steel belt and air pressure; braking distance ≤ 3 meters (500m/min)
9. Tension control, pneumatic components, buttons are the same
10. Pneumatic truss
11. The whole set of creels, tensioners, infrared stops are the same



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Welcome to visit us !

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