

VGI



YJ-MJ towel rapier loom



YJ-II wide-size special type rapier loom



YJ-II series flexible rapier loom

Note :
Due to keeping innovation,
the specification and
Machine pictures or color
are subject to alteration
without notice!



YJ-LZ curtain cloth loom



YJ-II-2000 rapier loom



YJ-CF woolen fabric loom



YJ-JF spinning & woolen loom



YJ-BX model loom



YJ-II color woven loom

YJ-LZ TYRE FABRIC LOOM

The tyre fabric is a new high speed tyre fabric loom with unique characteristic that consists of the outside electric run-in warp mechanism, the outside electric rolling-up mechanism, the pneumatically folding mechanism, the motion temple device and the new type electric control system developed and designed by ourselves and the cam and counter cam filling and beating system of YJ-I model flexible rapier loom through extensive absorption of cream in domestic and international type fabric loom according to the characteristic of tyre fabric on basis of YJ-I model flexible rapier loom. This product applies mainly to weaving such products as tyre fabric, tarpaulin and hell fabric of polyamide and polyester fiber to supply skeletal materials for various tyre. This loom has many characteristics such as high weaving quality, fast operating speed, strong reliability, convenience adjustment of reed width, easy operation and maintenance and low use cost, etc. It's the ideal option by the companies weaving tyre fabric.



Technical data

Reed width (mm)	: 1900
Weaving reed width	: 110-190 cm adjusting at will
Speed	: 330-380 r/min
Filling and beating way	: High accuracy cam and counter cam control
Folding way	: Pneumatic folding (patent)
Run-in warp	: Outside electric run-in warp (patent)
Warp feeding	: Outside warp creel

Technical data

Take-up	: Outside electric reel-up (patent)
Max. roll-up cloth diameter	: 1500mm
Shedding	: Tapper shedding (patent)
Control	: Broken warp or weft automatic stop
Filling density	: Knob alternate of frequency conversion
Temple	: Left and right acting press temple (patent)
Distribution power	: 4kw

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Electronic Dobby GT-221E

Products:

Type GT221E negative rapier dobby is semi enclosed structure, 24 pcs of heald arm ,electronic signals reading, signal control is installed on the loom electrical control box, rigid with the type GT228 ,and can be adapted to all kinds of small and medium-sized rapier loom which with economic speed at 200 rpm and fabric for plain weave, twill, satin and small pattern, especially the opening device of towel fabric.

1. GT221-E
2. Electrical Dobby
3. Sem-Closed
4. Oil Manually
5. Electricall Reeding
6. Suitable Loom Speed 250-320 RPM
7. Wodden Case Package
8. 24 Shafts

Doby Features

Improting the whole advanced foreign technology, makes the design more reasonable, the shedding more clear and the operation mmore easy.

Adopts advanced technology methods and testing method, guarantee the balanced of the frame movement, Adopt rigid driving, suitable for the production of heavy fabics.

High precision, stable driving, low.

Dobby Parameters :

Composition	Dobby and Dobby heald reversing motion
Type of Shedding	Double lift full open
Method of mounting	in high position, left and right side
Shaft No	24 Shafts
Pitch	12 mm
Signal reading method	Electrical
Lubrication	Semi-closed lubrication
Suitable speed for the looms	230-300r/min
Suitable reed width for looms	140cm-380cm

Signal Features

Advance instructure, suitable for higher loom speed. Stable driving, safety and reliable movement Suitable for weaving more complicated patterns. Easy and rapid for changing the variety of the fabric patterns.

Package Size :

800mm X 800mm X 900mm

Product Detail

Model No	GT221E	Means of Transport	Ocean, Land, Air
Production Capacity	500 sets	Packing	Wooden package
Delivery Date	20 days after T/T advance	Use	Weaving Machinery
Type	Cam	Brand Name	HEQUN
Structure	Semi-closed	Lubrication Method	Manully
Color	Green, blue, gray, White and	Shafts	24pcs
Under Motion Shafts	20 pcs	Pattern Control	Electrical
Pitch	12 mm	Suitable speed for looms	230-300r/min
Suitable Reed Widht For looms	120mm-380mm	Package	Wooden case

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FIVE INSTITUTION OF LOOM

SHEDDING DEVICE

May fit various shedding device positive type tapper shedding device may take 12 harness frames.

Multi-arm shedding device :

Mechanical multi-arm and electronic multi-arm may take 20 harness frames

Jacquard mechanism : Electronic type jacquard organization.

All various shedding devices are fitted with automatically finding weft mechanism, synchronism of automatically finding weft and run-in warp as well as reel-up organization may efficiently prevent "the rare and dense road that forms on fabric because loom shutdown.



Note :

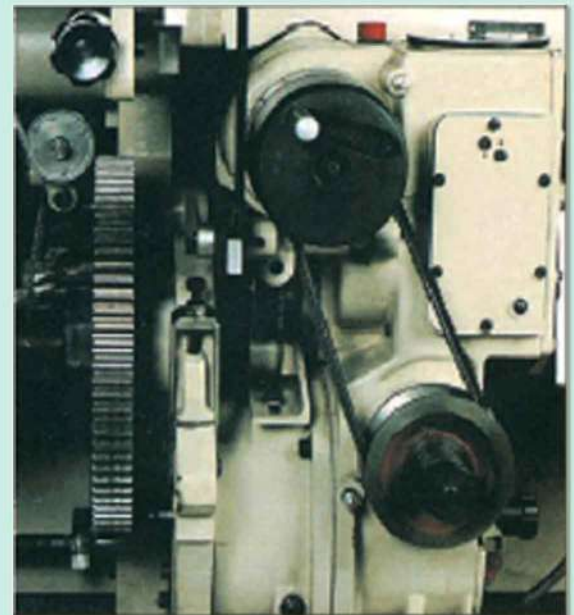
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RUN-IN WARP AND REEL-UP

There are mechanical and electronic type run-in warp reel-up.

Reel-up organization and run-in warp organization link age drive cloth roller through chain and rub clutch, max. reel-up cloth diameter is $\varnothing 550$ mm.

Its characteristic is smooth motion without impact to ensure that run-in warp is even and warp tension is constant.





WELT SELECTING

8 color weft selecting: with wantonly matching colors circulating function. Electronic weft selecting: linkage of the electric selecting color device and the weft selecting makes the needed wefts lead into shuttle mouth smoothly.

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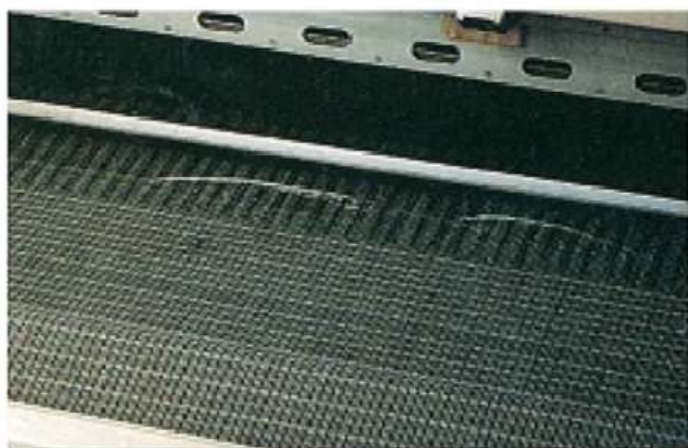
FILLING OPERATION

Double side cam and counter cam drive transmission sector through connecting, reverse gearwheels drive transfer rapier wheel, woof holding by entry rapier from left side leads into shuttle mouth, with transferred woof to receiving woof rapier head in middle point, receiving woof rapier head pull woof to cloth side of right side.



BEATING UP

Beating-up cam and counter cam having same high accuracy as filling cam and counter cam drives solid short battento ensure beating-up force at weaving high density fabric and heavy fabric.



TOOL

Name	Model	Quantity
Jack	8T	1
Spirit level	200MM	1
Tool box		1
Gloves		4
Towel		2
Hammer		1
Pinchers		1
Hex Socket	Φ2.5	1
Hex Socket	Φ3	1
Hex Socket	Φ4	1
Hex Socket	Φ5	1
Hex Socket	Φ6	1
Hex Socket	Φ8	1
Hex Socket	Φ10	1
Hex Socket	Φ12	1
Screwdriver	3 x 75(+)	1
Screwdriver	3 x 75 (-)	1
Screwdriver	6 x 75 (+)	1
Screwdriver	6 x 75 (-)	1
Open spanner	8-10	1
Open spanner	13-15	1
Open spanner	14-17	1
Open spanner	16-18	1
Open spanner	24-24	2
Open spanner	6-7	1
Boxspanner	16-18	1

Name	Model	Quantity
Boxspanner	18-21	2
Boxspanner	300MM	1
Sand paper	320	5
Feilen		1
Pull over	24	1
Pull over	16	1
Pull over	18	1
Pull over lever		1
Steel Tape	5M	1
Steel Rulers	150MM	1

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