

JiGo 金功实业有限公司
Jingong Industries JINGONG INDUSTRIAL CO., LTD.

<http://www.texabc.com>



专业
Expertise

可靠
Reliability

创新
Innovation

BRIEF INTRODUCTION

Jingong Industrial Co., Ltd is a leading company in the design, manufacture and distribution of high performance & cost-effective weaving machines, warping machines, automatic warp knotting machines for warp knitting and weaving, automatic warp leasing machines, computerized glove knitting machines, computerized flat knitting machines, scarf/shawl fringe twisting machines, and various spare parts.

It is located in Shaoxing City, which is famous not only for her history and culture, but also for a watery hometown, a rice wine hometown and a bridge hometown.

We have our team of talents with professional knowledge on various fields of textile machineries, both in electronics and mechanics. We care about the investments of clients, and handle only quality products with our technical know-how.

We have manufacturing bases for different products:

WEAVING MACHINES:

- JG888 rapier loom series
- JG736 rapier loom series
- JG736T terry towel rapier loom series

KNITTING MACHINES:

- Computerized flat knitting machine series
- Computerized glove knitting machine series

AUTOMATIC WARP KNOTTING AND LEASING MACHINE:

We are the only manufacturer of full range automatic warp knotting machines in China, main products include:

- ZK02-1 automatic warp knotting machine
- EZTEX automatic warp knotting machine
- BQ178 sectional warp knotting machine
- BQ188 automatic warp knotting machine (Compatible with Fischer-Poegge ELA)
- BQ198 automatic warp knotting machine (Compatible with USTER TOPMATIC)
- BQ198 automatic warp knotting machine specially for warp knitting application
- MC-700 automatic warp leasing machine (Compatible with TODO TC-700)

These knotting machines and leasing machines can accelerate the process of beam change on weaving looms, and reduce the loom idling time. Customized products for special applications or yarns are also available.

We welcome friends and clients from home and abroad, hand in hand, to create a splendid tomorrow with us.



JG888 RAPIER LOOM SERIES



JG736 RAPIER LOOM SERIES



JG736T TERRY LOOM SERIES



BQ198 WARP KNOTTING MACHINE



BQ188 WARP KNOTTING MACHINE



EZTEX WARP KNOTTING MACHINE



Bq178 WARP KNOTTING MACHINE



MC-700 WARP LEASING MACHINE



ZK02-1 WARP KNOTTING MACHINE



SCARF FRINGE TWISTING MACHINE



SIDE AND CENTER TUCKIN DEVICE



JG-CP COMPUTERIZED GLOVE KNITTING MACHINE

JG888 RAPIER LOOM

This rapier loom is the terminator of 747 series with many improvements, which provides higher speed, stable performance and longer life, and is an ideal loom for weaving cotton, polyester, wool, linen, or blended yarns into light and medium heavy fabrics.



Excellent quality weft guiding board and gripper driving wheel



Best quality let-off mechanism thick crank shaft thick central shaft



Cross support



Bearing embedded continuous take-up mechanism



Strong machine body square tube girders



Thick 14cm girder with long screw trough for flexible adjustment



Optional square gearbox for higher speed operation



Double pressing roller with tensioner

Main Technical Features

Reed Space	1500mm-3600m
Weaving Speed	240-100rpm
Weft Insertion	6-color(mechanic or electronic optional)
Shedding Device	Dobby, jacquard, tappet cam optional
Yarn Count	7-60Ne cotton, 12-100Nm wool, 100-650d polyester
Gearbox	Round or square gearbox optional
Crank/central Shaft	Thick(bush, small bearing, big bearing optional)
Warp Beam Diameter	500mm, 600mm, 680mm, 800mm optional
Fabric Winding Diameter	400mm
Heald Frame	14 pcs
Weft Insertion Rate	430 meters per minute
Control Panel	LCD display with weaving data
Motor Power	0.8kw-1.5kw
Weight	2.1-2.7 Tons
Dimension	5400mm*1827*2120mm(3300mm)

EZTEX AUTOMATIC WARP KNOTTING MACHINE

EZTEX automatic warp knotting machine is the best warp tying solution for silk and polyester yarns, and also is an ideal solution for almost all kinds of yarns as long as the warp yarns are with 1/1 lease.

It adopts a special knotting mechanism to work with yarns of very fine counts at high speed, such as pure silk of 15d-22d, which is very weak yarn and other machines cannot work with it or have to work at a very slow speed.

It is a perfect solution for waterjet looms, silk looms and various other weaving looms.

Trolley type knotting frames, on-loom compact knotting frames, on-loom economic knotting frames are optional for different factory setups.



Main Technical Features

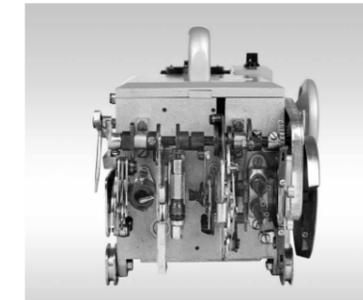
Working width	50mm-5200mm
Application	shuttle loom, narrow loom, and shuttleless looms
Knotting speed	500 knots/minute max, stepless speed adjustment
Warp yarn range	natural fiber, synthetic fiber, chemical fiber
Yarn count	10d-2000d
Warp yarn lease condition	with lease only
Knot type	single knot or double knot optional
Knotting mechanism	cutter type for <450d; tube type for >500d
Knotting frame	BQ198 on-loom frame; BQ198 trolley type frame
Optional knotting frame	ZK02-1 on-loom frame
Power supply	220V AC 50Hz or as per buyer's requirements
Packing dimension	35cm(H)*212cm(L)*59cm(W) for 148cm frame

ZK02-1 AUTOMATIC WARP KNOTTING MACHINE

ZK02-1 automatic warp knotting machine is the best warp tying solution for label weaving looms or narrow weaving looms, mainly for polyester or silk, it is an ideal solution for workshops with narrow space such as shuttle looms, water jet looms and rapier looms.

ZK02-1 has 2 types, one is cutter type for fine yarns (<150D), another is tube type for coarse yarns >(150D).

The machine is equipped with a specially designed on-loom knotting frame which can work with narrow space workshops where looms are very closely arranged and trolley type knotting frames are not possible to enter. It is now the most economic knotting solution and also the best seller.



Main Technical Features

Working width	50mm-5200mm
Application	shuttle loom, narrow loom, and shuttleless looms
Knotting speed	400 knots/minute max, stepless speed adjustment
Warp yarn range	natural fiber, synthetic fiber, chemical fiber
Yarn count	10d-2000d
Warp yarn lease condition	with lease only
Knot type	single knot or double knot optional
Knotting mechanism	cutter type for <150d; tube type for >150d
Knotting frame	ZK02-1 on-loom knotting frame
Optional knotting frame	BQ198 on-loom frame; BQ198 trolley type frame
Power supply	220V AC 50Hz or as per buyer's requirements
Packing dimension	35cm(H)*212cm(L)*59cm(W) for 148cm frame

BQ188 AUTOMATIC WARP KNOTTING MACHINE

Model BQ188 automatic warp knotting machine, compatible with Fischer knotting machine, is used to connect various warp yarns fixed on the knotting frame, it adopts world-class knotting technology, and enjoys high performance, high efficiency, high flexibility and high quality, it is an ideal knotting solution for demands from coarse yarn weaving workshops such as denim weaving.

The machine is equipped with the latest designed knotting frame and the most reliable knotting mechanism, the preparation of warp yarn becomes simple and swift, and the knotting process is quite short, which dramatically reduces the waiting time of the weaving looms.



Main Technical Features

Working width	50mm-5200mm
Application	shuttle loom, rapier loom, and airjet looms etc.
Knotting speed	600 knots/minute max, stepless speed adjustment
Stop on fault	automatic stop or slow down in case of missing yarns
Warp yarn range	coarse yarns of cotton, T/R etc.
Yarn count	6s-50s or equivalent
Warp yarn lease condition	without lease
Knot type	single knot
Knotting frame	BQ188 trolley type frame
Power supply	220V AC 50Hz or as per buyer's requirements
Packing dimension	55cm(H)*312cm(L)*74cm(W) for 230cm frame

BQ198 AUTOMATIC WARP KNOTTING MACHINE

Model BQ198 automatic warp knotting machine, compatible with USTER TOPMATIC knotting machine, is used to connect various warp yarns fixed on the knotting frame, it adopts world-class knotting technology, and enjoys high performance, high efficiency, high flexibility and high quality.

It's an ideal knotting solution for demands from:

- All weaving workshops, such as rapier weaving, airjet weaving, waterjet weaving, projectile weaving.
- Warp knitting workshops, such as lace knitting, and velvet knitting by Chinese or Karl Mayer warp knitting machines.

We also provide BQ198 double-knot knotting machine for working with nylon yarns or filament yarns.

The machine is equipped with the latest designed knotting frame and the most reliable knotting mechanism, the preparation of warp yarn becomes simple and swift, and the knotting process is quite short, which dramatically reduces the waiting time of the weaving looms.



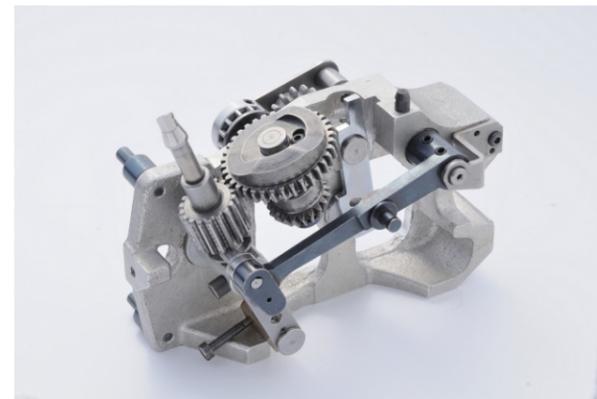
Main Technical Features

Working width	50mm-5200mm
Application	shuttle loom, shuttleless loom and warp knitting machine
Knotting speed	600 knots/minute max, stepless speed adjustment
Stop on fault	automatic stop or slow down in case of missing yarns
Warp yarn range	Cotton, wool, silk, blended yarns, filament yarn, monofilaments, technical yarns
Yarn count	2s-160s short fiber or long fiber
Warp yarn lease condition	without or with lease, with irregular lease
Knot type	single knot or double knot optional
Knotting frame	BQ198 on-loom frame or BQ198 trolley type frame optional
Power supply	220V AC 50Hz or as per buyer's requirements
Packing dimension	55cm(H)*283cm(L)*72cm(W) for 200cm frame

BQ178 SECTIONAL WARP KNOTTING MACHINE

Model BQ178 sectional warp knotting machine is used to connect polyurethane or polyester filament yarns on narrow width weaving looms such as ribbon, tape, belt or label weaving looms, such as muller weaving looms, we have versions for both elastic and no-elastic yarns.

It adopts world-class knotting technology, and enjoys high performance, high efficiency, high flexibility and high quality, it is a latest knotting solution for label weaving industry.



Main Technical Features

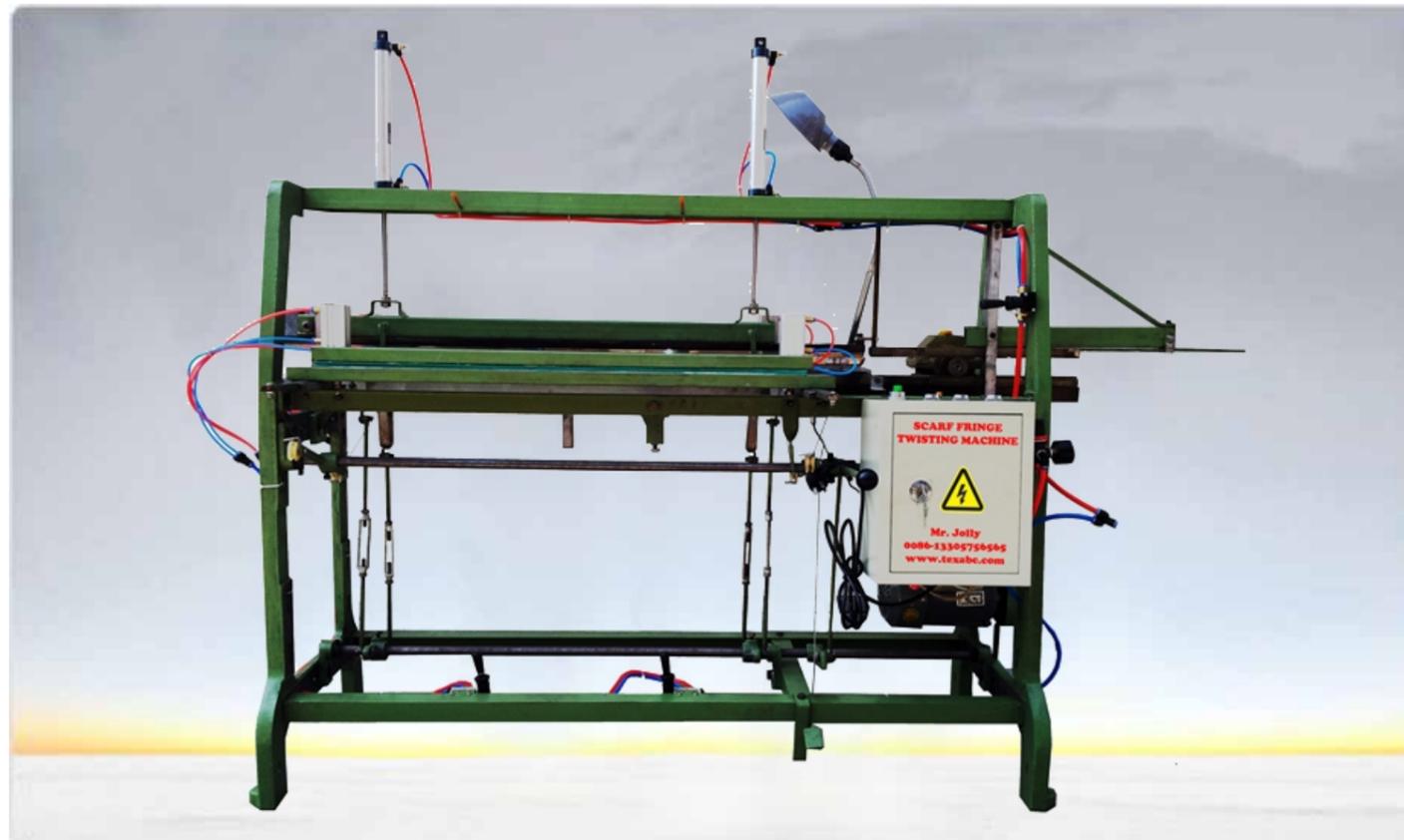
Yarn	Synthetic, blended, silk(elastic and no-elastic optional)
Cramp Width	3.5 inch max
Knot Type	Double Knot
Working Speed	60-360 knots per minute
Stop Control	stop on missing of either yarn
Leasing Tool	attached
Lease Condition	warp yarn with lease
Power Supply	no need
Machine Specification	1170-1430mm*510mm*300mm
Main Machine	8kgs
Stand Weight	25kgs

SCARF FRINGE TWISTING AND KNOTTING MACHINE

This scarf fringe, shawl fringe, carpet fringe twisting machine is specially made for twisting or twisting & knotting fringes of various scarfs, shawls, or decorative carpets, it is an innovation in scarf making industry.

Scarf factories have been applying time-taking manual twisting, the twists from such process are not stable and uneven. Now factories have a new option of twisting or twisting & knotting by the scarf fringe twisting machine, which applies twice twists on the fringes, the first twist with the neighboring yarns as per fixed density divided by the teeth plates in one direction, the second twist with the two neighboring fringes in the reverse direction of the first twist, thus the fringes are in a stable twisted mode, and of same twist density. It sharply increases the productivity, and reduces labor requirements, as well as improves the twist quality.

In regular scarf process, factory applies this machine for twisting the fringes, and then factory worker inserts a thread in the center of the twisted fringes to prevent the twists from getting loose during the course of dyeing or washing process. If the scarf material is acrylic or polyester or nylon based, then factories can also apply melting measures to prevent possible losing of twists after wash.



Main Technical Features

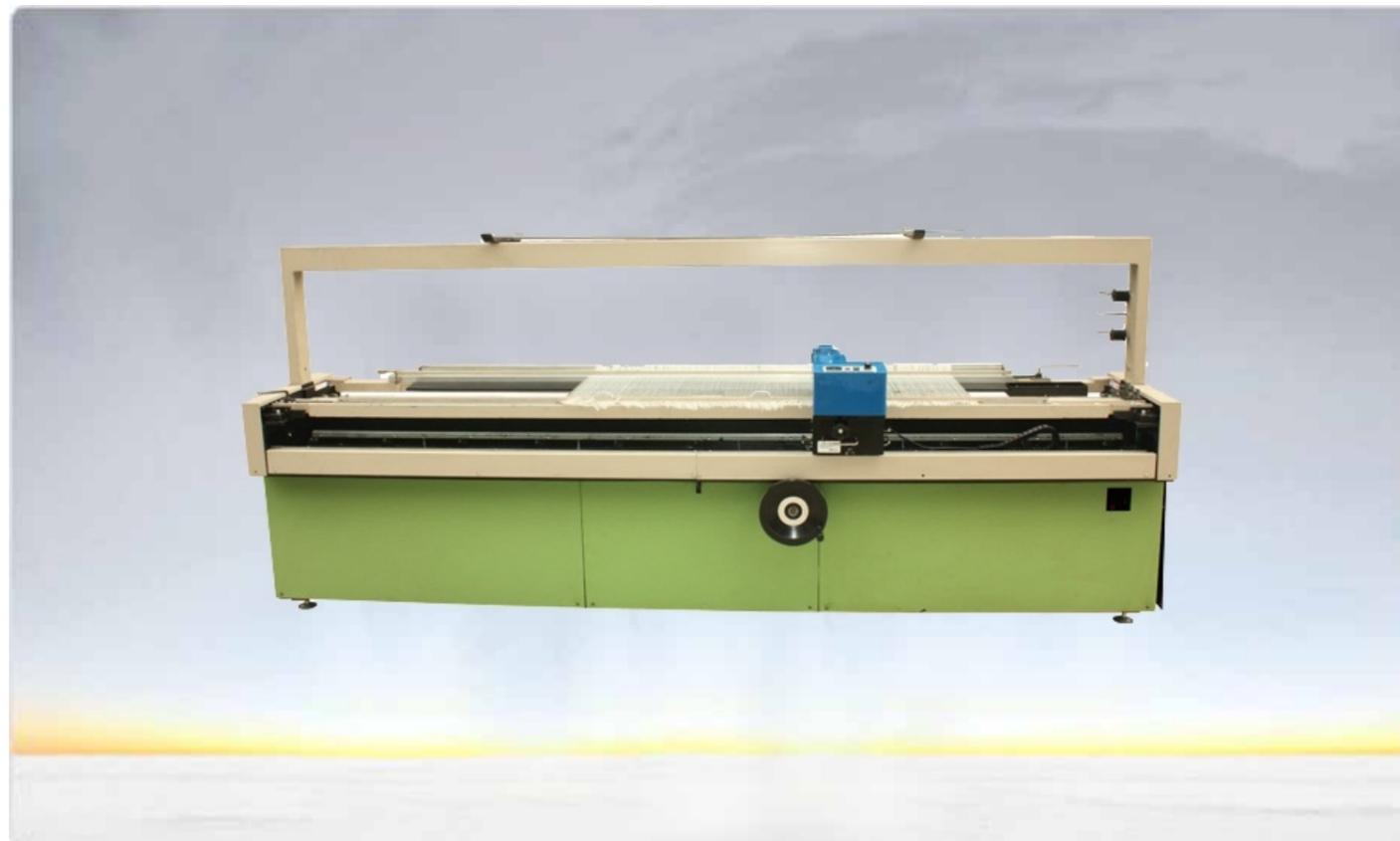
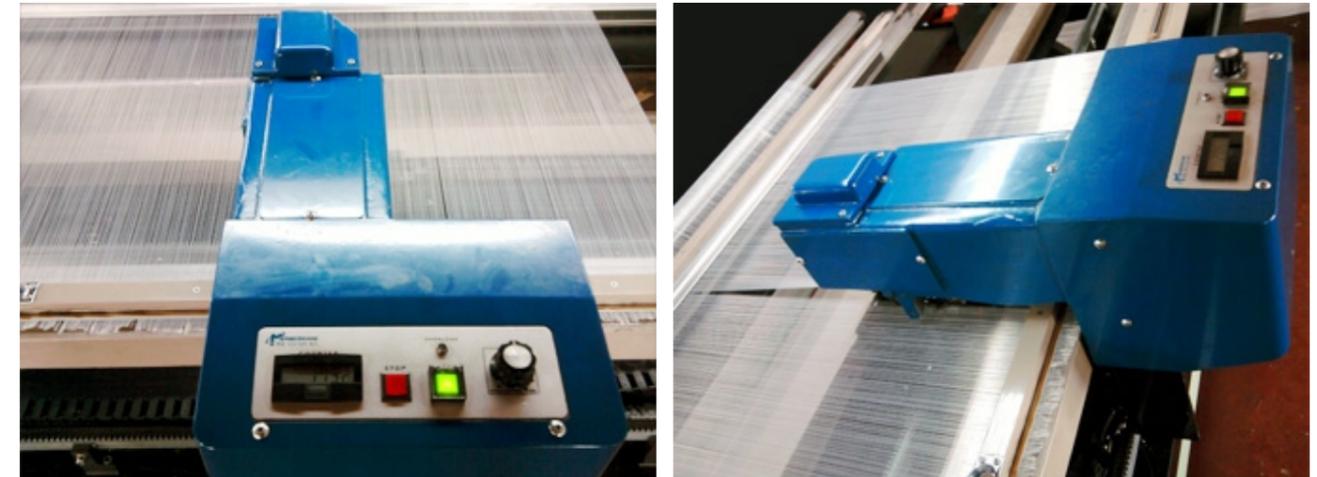
Working Width	80cm, 160cm, 200cm
Working Speed	30-120 scarves/hour
Fringe Density	41,44,46,50,55,60,70 fringes/70cm
Fringe Length	230-260mm, tailor-making available
Driving method	motor + pneumatic switches
Dimension	0.8M*3.2M*1.38M(2M width)

MC-700 AUTOMATIC WARP LEASING MACHINE

Model MC-700 automatic warp yarn leasing machine, compatible with TODO leasing machine, is used to separate warp yarns into 1:1 or 2:2, especially for the preparation of warp beams for water jet weaving industry. The filament yarns are sized first in sizing machine, and then separated by manual leasing or automatic leasing for easy connection with the old warp beam with the help of the automatic warp knotting machines, such as ZK02-1 or BQ198.

It adopts a special mechanism to separate the warp yarns to meet the high speed separation work, and the use of positive cam drive ensures stable operation and easy adjustment.

Selector needles for different yarn counts are available and the replacement of such needle is very easy.



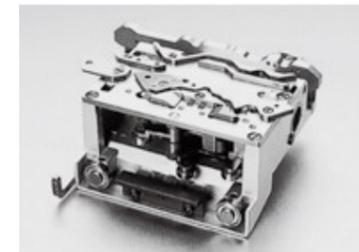
Main Technical Features

Max working Speed	400rpm
Basic Lease Condition	1:1 or 2:2
Yarn Type	Synthetic, chemical, filament yarn, silk, cotton
Working Width	75" 95" 110" 140"
Speration speed control	70-400rpm stepless
Motor	Single phase AC100V-50W (with transformer for other voltages)
Number of Lease	2-end lease/3-end lease
Packing Dimension	370cm*100cm*105cm (95" machine)

JG-CP COMPUTERIZED GLOVE KNITTING MACHINE

Model JG-CP automatic glove knitting machine is an excellent system for making industrial gloves.

It adopts computer system for the knitting control and high quality needle bed, central lubrication system and a high precision knitting head to ensure the stable performance of the knitting system.



Main Technical Features

Model	JG-CP Automatic Glove Knitting Machine	
Gauge	7G	10G
Size	L:46	L:63
	M:42	M:58
	S:37	S:53
Production	360 pairs/day	270 pairs/day
Max. Fabric Weight	900g/dozen	700g/dozen
Worker Quantity	15-25 sets/person	
Max Speed	long stroke:120-140rpm	short stroke:260-280rpm
Driving System	crank driving with inverter motor	
Power Supply	220V AC single phase 250w	
Stop Motion	stop on broken yarns, wrong drop, motor overload, power failure or wrong direction	
Dimension	1250mm*650mm*1750mm	
Weight	250kg	
Loading capacity	40 sets/20ft, 82 sets/40ft	

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