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Wire mesh machinery



安平县深康丝网制品有限公司

Anping Shenkang Wire Mesh Products Co.,Ltd.

WIRE MESH WELDING MACHINE:

REINFORCED MESH WELDING MACHINE GJW-X.....01

AUTOMATIC FENCE MESH WELDING MACHINE.....02

FENCE MESH WELDING MACHINE(PRE-CUT WIRE TYPE).....03

BUILDING MESH WELDING MACHINE (HEAVY DUTY).....002

CONSTRUCTION MESH WELDING MACHINE.....03

CHICKEN CAGE MESH WELDING MACHINE.....04

PET CAGE MESH WELDING MACHINE.....05

WIRE MESH WEAVING MACHINE:

DEER NET MACHINE.....07

CHAIN LINK FENCE MESH MAKING MACHINE.....06

AUXILIARY MACHINES OF WIRE MESH MACHINES:

AUTOMATIC TAKE UP MACHINE.....08

REINFORCED MESH BENDING MACHINE.....09

FENCE MESH BENDING MACHINE.....09

COLD ROLLED AND RIBBED PRODUCTION LINE.....10

WIRE DRAWING MACHINE.....10

HIGH SPEED WIRE STRAIGHTENING AND CUTTING MACHINE.....11

AUTOMATIC MESH STACKING MACHINE.....12

REINFORCED MESH WELDING MACHINE



Operation system: Shenkang

Dynamic system: pneumatic

Classification: construction

Standard configuration: dustpan type cross wire feeding and dropping device, line wire payoff stand, line wire feeding cart, main welding machine, cross wire supplement hopper, servo motor mesh pulling, water cooling machine.

Optional device: fast mesh pulling + lifting hook for mesh output

Technical Parameters

	GJW-X3300	GJW-X2500
Model	GJW-X3300	GJW-X2500
Mesh width	≤3300mm	≤2500mm
Wire diameter	6mm-12mm	6MM-12MM
Cross wire space	≥50mm	≥50mm
Cross wire type	32	24
Line wire type	Pre-cut wire	Pre-cut wire
Welding speed	20-70 strokes/min	20-70 strokes/min
Diagonal error	± 5mm(mesh sheet of 2m length)	± 5mm(mesh sheet of 2m length)
Welding electrode No	32	24
Welding transformer	160KVAX16	160KVAX12
Material	Smooth or ribbed wire (cold rolled)	Smooth or ribbed wire (cold rolled)

Automatic fence Mesh welding machine



Operation system: SHENKANG

Dynamic system: electric

Classification: fence series

Production summary: steel wire mesh welding machine, mesh width $\leq 1200\text{mm}/1600\text{mm}, 2100\text{mm}, 2500\text{mm}$, wire diameter: 3mm-6mm or 4mm to 8mm, welding speed: 60-80 strokes/min., line wire feeding in coil wire, cross wire feeding in pre-cut wire.

Standard configuration: wire payoff stand, line wire pressure roll, main welding machine, cross wire hopper, mesh pulling device.

Optional configuration: line wire straightening roller assembly, mesh cutting machine, automatic mesh unloading device (mesh output device)

Company address: No. 17, Canda Chuangye Base, Anping County, Hebei Province

Technical Parameters

Model	HLW2500	HLW2500	HLW2500	HLW2500
Mesh width	$\leq 2500\text{mm}$	$\leq 2100\text{mm}$	$\leq 1600\text{mm}$	$\leq 1200\text{mm}$
Wire diameter	3mm-6mm 4mm-8mm	3mm-6mm 4mm-8mm	3mm-6mm 4mm-8mm	3mm-6mm 4mm-8mm
Line wire space	50mm-200mm	50mm-200mm	50mm-200mm	50mm-200mm
Cross wire space	50mm-200mm	50mm-200mm	50mm-200mm	50mm-200mm
Power transformer	$\geq 400\text{KVA}$	$\geq 400\text{KVA}$	$\geq 400\text{KVA}$	$\geq 400\text{KVA}$
Welding speed	50-80 strokes/min.	50-80 strokes/min.	50-80 strokes/min.	50-80 strokes/min.
Control system	PLC	PLC	PLC	PLC
Diagonal tolerance	$\pm 2\text{mm}$ (mesh sheet of 2 meter length)			
Raw material	Cold drawn wire or galvanized wire			

Wire Mesh Fence Welding Machine (pre-cut wire type)



Operation system: PLC programmable controller

Dynamic system: pneumatic-electric mixed

Classification: industry series

Product summary: automatic fence mesh welding machine, mesh width 2500mm, wire diameter 3mm-6mm or 4mm to 8mm, welding speed 60-80 strokes/min., line wire feeding form in pre-cut wire, cross wire feeding in pre-cut wire.

Standard configuration: auto placement of line wire, cross wire supplement hopper, main welding machine, servo motor mesh pulling, auto mesh output device, auto stacking, industry water cooling machine

Optional configuration: mesh output supporting roller, line wire supporting platform, stacking cart, air compressor, intermediate frequency welding system

Technical Parameters

Model	ZBJ2500X(3/6)	ZBJ2500X(4/8)
Mesh width	≤2500mm	≤2500mm
wire diameter	3mm-6mm	4mm-8mm
Welding electrode No.	≤51	≤48
Cross wire space	50mm-200mm	50mm-200mm
Line wire space	50mm-200mm	50mm-200mm
Welding transformer	125KVAX13	--
Diagonal tolerance	± 2mm(mesh sheet of 2 meter length)	± 2mm(mesh sheet of 2 meter length)
Material	Cold drawing wire, galvanized wire	Cold drawing wire, galvanized wire
Welding speed	60-80 strokes/min.	60-80 strokes/min.
Mesh output form	customized length	customized length
Line wire feeding type	Pre-cut wire	Pre-cut wire
Cross wire feeding type	Pre-cut wire	Pre-cut wire
Control system	PLC	PLC

Chicken Cage mesh welding machine



Operation system: control panel (button type)

Dynamic system: electric

Classification: breeding series

Product summary: chicken cage mesh welding machine, mesh width 1200mm/1600mm, wire diameter: 2mm-3.5mm.

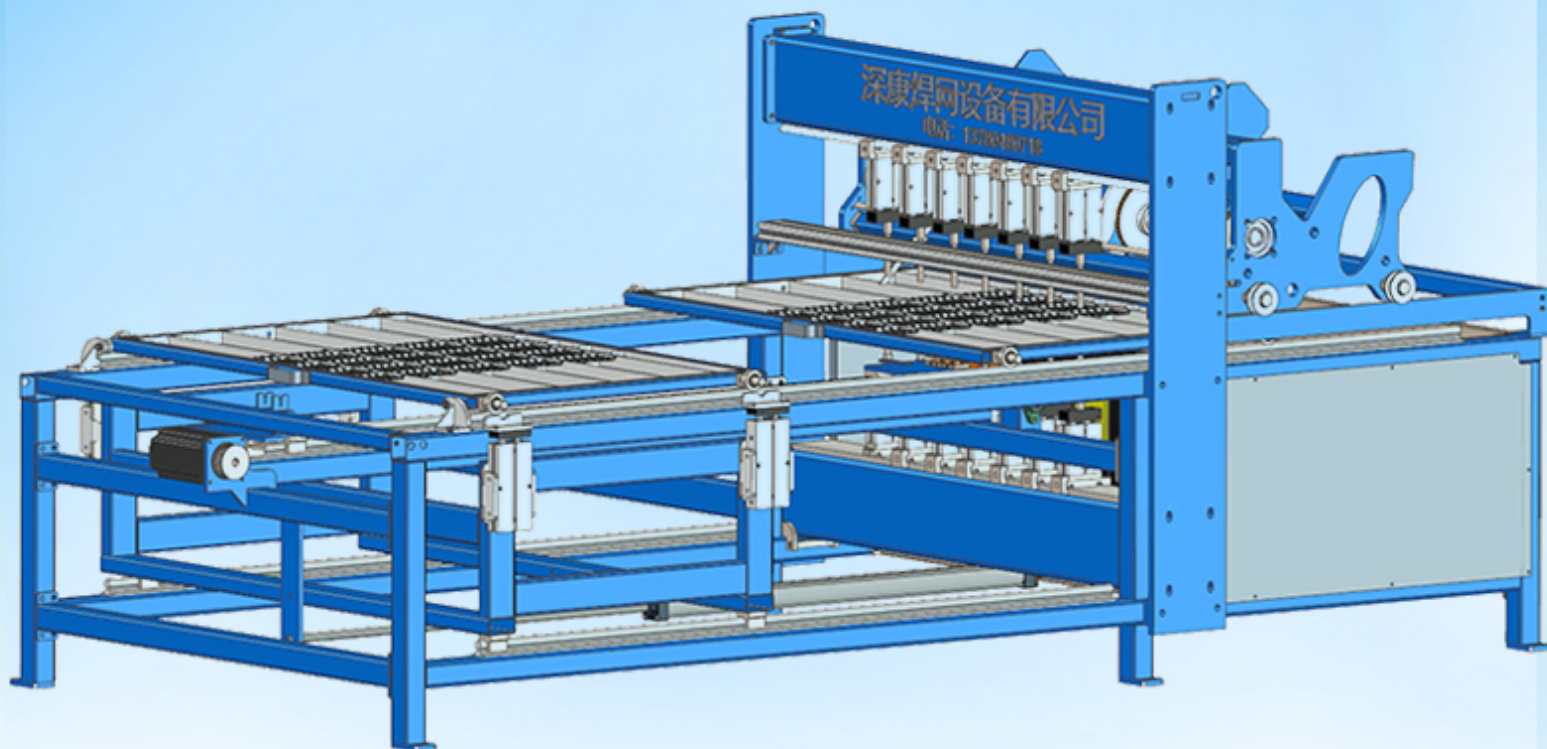
welding speed: 60-80 strokes/min. , cross wire feeding in pre-cut wire, line wire feeding from coil wire

Standard configuration: wire payoff stand, main welding machine, cross wire hopper, mesh pulling device, mesh cutting machine, mesh dropping cart.

Technical parameters

Model	1200/1600
Mesh width	≤1200mm/≤1600mm
Wire diameter	2mm-3.5mm
Cross wire space	≥25mm
Line wire space	50mm-200mm
Welding electrode No.	16/32
Cross wire type	≥400mm Pre-cut wire
Line wire type	Coil wire
Welding transformer	125KVA*3 or 4
Welding speed	60-80 strokes/min.
Diagonal error	± 2mm(mesh sheet of 2 meter length)
Mesh output form	Mesh sheet /panel
Wire material	Cold drawn wire or galvanized wire

Pet cage mesh welding machine



Operation system: PLC programmable controller (touch screen)

Dynamic system: pneumatic-electric mixed

Classification: pet cage series

Product summary: pet cage mesh welding machine with auto exchange platform, mesh width 1000mm, wire diameter: 1.5mm-6mm, welding speed 3 to 4 sheets per minute. Both the line wire and cross wire are in pre-cut wire, servo motor mesh pulling. It adopts round bar slideway to make the exchange platform more smooth. The cage mesh' s opening can be programmed and controlled by PLC Spacer welding (skip welding) shall be set at the controller.

Technical parameters

Model	1000
Mesh width	≤1000mm
Wire diameter	1.5mm-6mm
Mesh opening size	50*50mm-300*300mm
Welding speed	3 or 4 sheets/min.
Cross wire type	Pre-cut wire
Line wire type	Pre-cut wire
Welding transformer	160KVA*2
Dynamic system	Pneumatic-electric mixed
Mesh output form	Mesh sheet /panel
Wire material	Cold drawn wire or galvanized wire

Automatic Deer Net machine



Technical Parameters

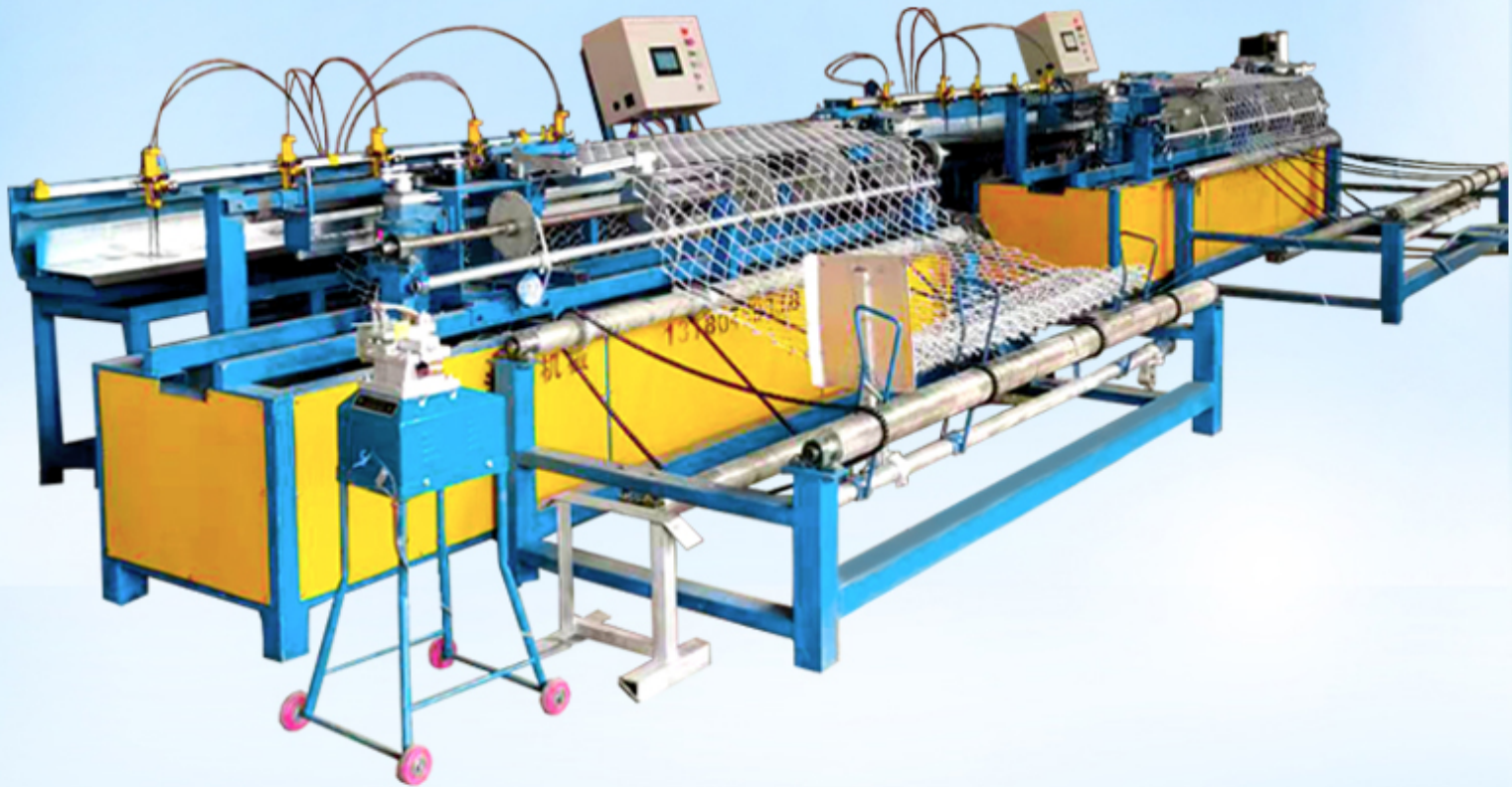
Model	ZC-1500	ZC-2100	ZC-2440
Maximum Fence Width	1.524M	1.8M	2.438M
Maximum Number of Line Wires	16line	18line	20line
Line wire spacings	Minimum 76mm (3") can be increased by additional increments of 12.5mm(1/2") or multiples of 12.5mm(1/2")		
Stay wire spacings	150mm,300mm,and450mm(6",12",and18")		
Line wire size	2.0mm-2.8mm		
Stay wire size	2.0mm-2.8mm		
Knot wire size	2.0mm-2.4mm		
Length of roll	Up to 220m(660ft)		
Motion system	Controlled vector and servo drives (MIGE ISO9001-2008)		
PLC control of machine functions	Panasonic		
Motion supply voltage	3 phase 380V AC 50/60HZ		
Control supply voltage	DC 24V		
Speed	22 stays/minute 22排/分		
Machine weight	7900kg	8500kg	9200kg
Main body size	3900*6800*2250	3900*6800*2250	3900*6800*2250

Automatic hook-up machine

Chain link fence mesh making machine

is also known as diamond mesh machine and coal mine support mesh machine.

The innovative Shenkang diamond mesh weaving machine adopts the bionic principle, integrates mechanical and digital control, simulates manual mesh threading, automatic hemming, and automatic mesh winding. The main technical indicators have exceeded those of imported products.



The chain link fence mesh making machine is a kind of wire mesh machine that crochets stainless steel wire, aluminum alloy wire, galvanized wire, lead wire, low-carbon steel wire, PVC wire, plastic sprayed wire and metal wires of various materials to form crochet mesh,

The mesh has the characteristics of even mesh, flat mesh surface, elegant appearance, adjustable width of mesh, adjustable wire diameter, long service life without easy corrosion, simple weaving, beautiful and practical.

Advantages: manpower saving, simple operation, multiple machines for one person, stable machine production and processing, fast machine production and processing. Full automatic diamond shaped network machine, direct factory price, supporting customization.

Automatic Hydraulic take-up machine (side opening type)

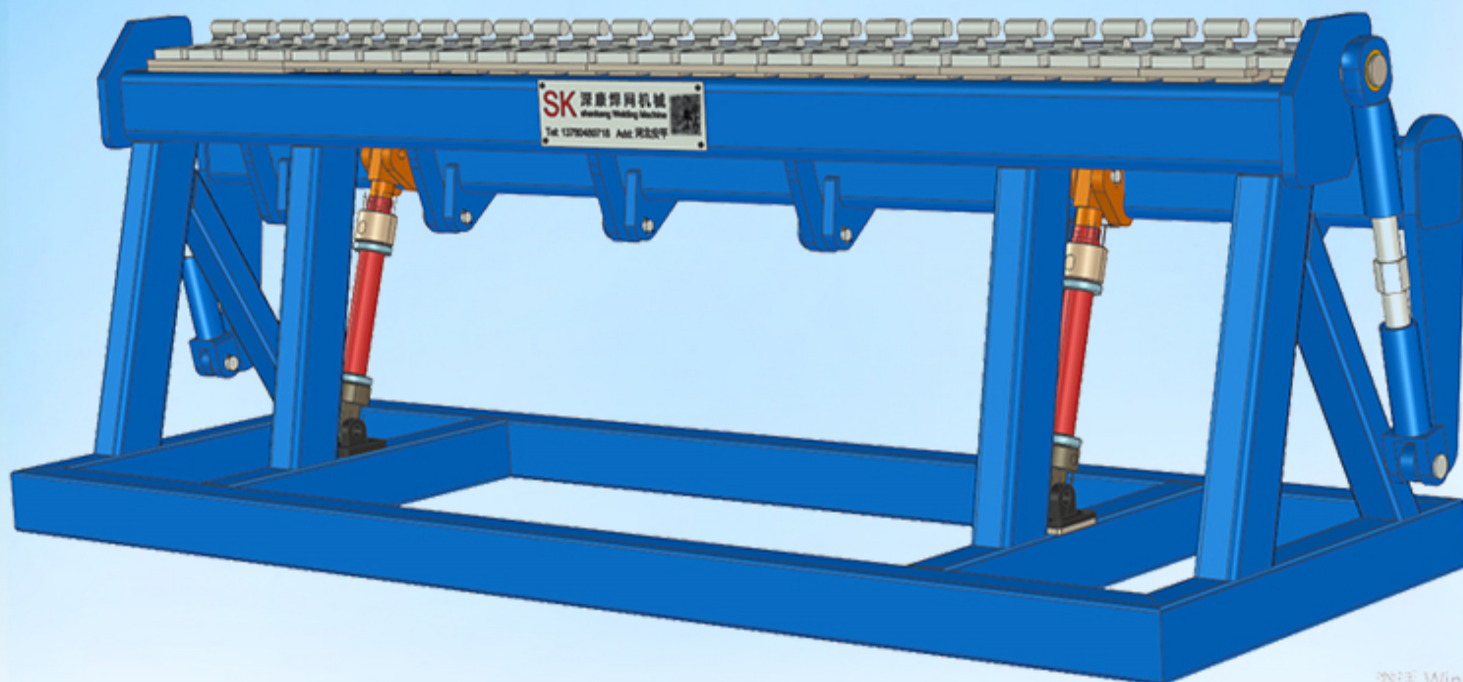


Hydraulic side-opening take-up machine is a kind of metal wire take-up device with automatic unloading the metal wire coils. With hydraulic control, it can automatically shrink, open and close, significantly improving production efficiency and reducing labor intensity. It is a replacement product of the ordinary steel wire take-up machine. Shenkang Machinery can customize the size of the I-shaped wheel according to customer needs to achieve Φ 3-12mm, 500kg - 1200kg wire winding of Φ 3-12mm, 500kg - 1200kg wire coils.

Product details:

1. Variable frequency speed regulation - variable frequency control cabinet, one key operation, saving labor.
2. Support customization - do a good job of products to meet the different needs of customers.
3. Excellent material selection - to benefit customers and save costs for customers

Steel mesh bending machine



激活 Wind

Operation system: SHENKANG

Dynamic system: original

Classification: auxiliary machines

Product summary: reinforced mesh bending machine, bending wire diameter 14mm, bending width 3200mm, max. bending angle 180 degree, max. bending force : 33 pieces of wires (wire diameter 14mm)

Reinforced mesh bending machine

Bending wire diameter	6mm-14mm
Bending mesh width	10mm-6000mm
Bending speed	6 strokes/min.
Bending drive	Hydraulic
Max. bending angle	180 degree
Max. bending force	33 pieces of wire (wire diameter 14mm)
Power supply	380V/3P/50HZ
Overall power	7.5KW
Overall dimension	3.5x1.3x2.2M
Weight	3.7 tons

Fence mesh bending machine



Operation system: SHENKANG

Dynamic system: original

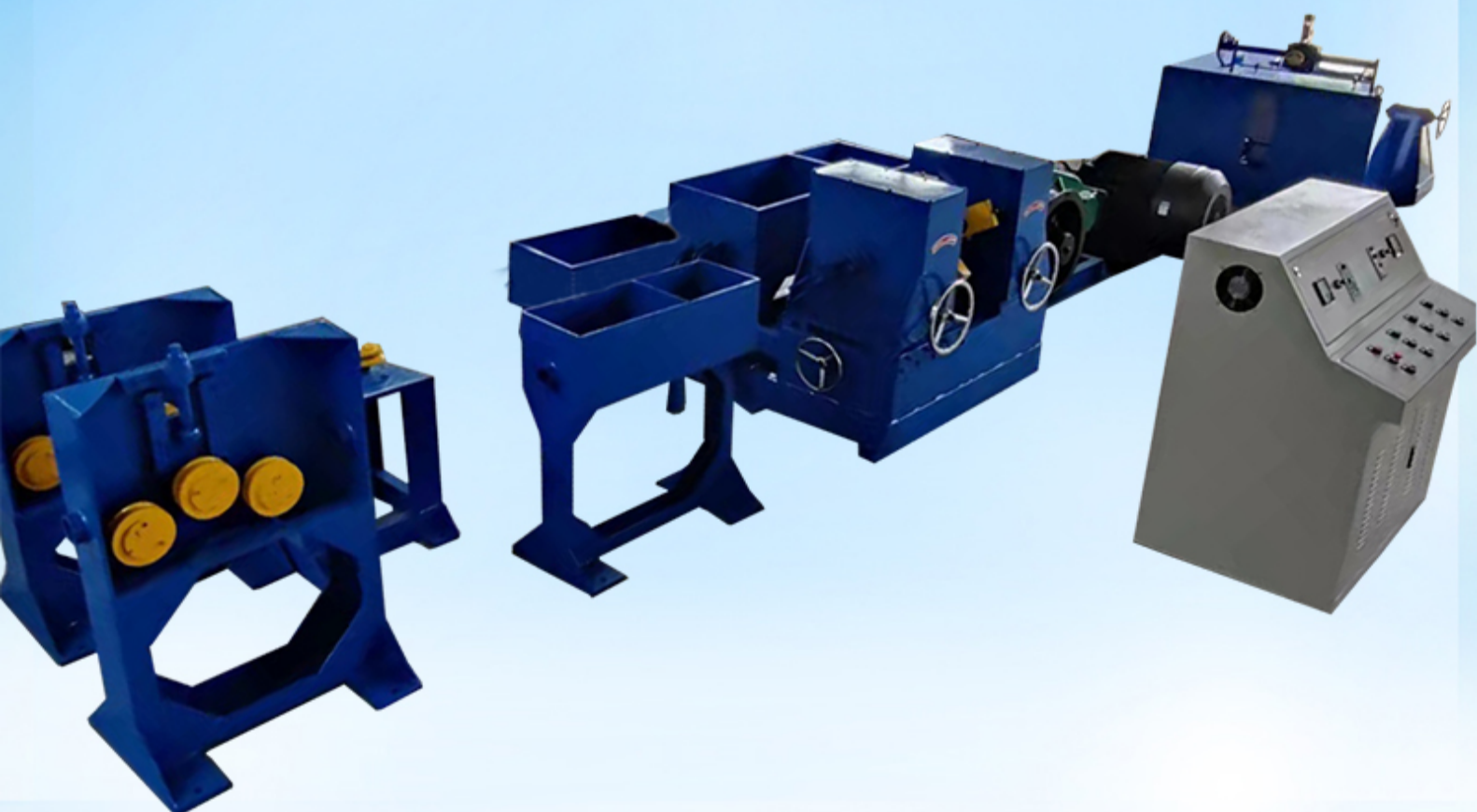
Classification: auxiliary machines

Product summary: P type mesh bending machine, max. bending wire diameter 6mm, bending mesh width 3000mm, max. bending angle 120 degree, max. bending force is 61 pcs of wires (wire diameter 6mm)

Main parameters

Max. Wire diameter	6mm
Max. mesh width	3000mm
Max. bending angle	120 degree
Bending type	Hydraulic
Max. bending force	61 pieces of wires when wire diameter 6mm
Min. wire space	50mm
Power supply	380V/3P/50Hz
Total power	7.5KW
Overall dimension	3.2x1.2x1.0m
Weight	1300kgs

Cold rolled and ribbed production line



1.Double rolled and ribbed production line

Input wire diameter	5.5mm to 14mm
Output wire diameter	4mm-13mm
Line speed	130-300m/min.
Power	55+55+11or 75+75+18.5 or 90+90+22kw
Electric control way	Full frequency conversion
Take up weight	1000kg to 2000kgs
Install dimension	35mx5m
Machine weight	7 tons to 12 tons
Operators needed	1 to 2 person

2.Single rolled and ribbed production line

Input wire diameter	6mm to 12mm
Output wire diameter	5mm-11mm
Line speed	120m/min.
Power	75kw+18.5kw
Electric control way	Full frequency conversion
Take up weight	1000kg
Install dimension	25mx5m
Machine weight	7 tons to 12 tons
Operators needed	1 to 2 person

Wire drawing machine BSJ-5X



Operation system: PLC programmable controller

Dynamic system: electric

Classification: industry series

Product summary:

it can be applied to various nonferrous metals such as fine iron wire, low carbon steel wire, stainless steel wire, copper wire, aluminum wire, etc.

it can be customized to make one drum to several drums wire drawing machine (wire diameter is adjustable) according to the customers' requirements.

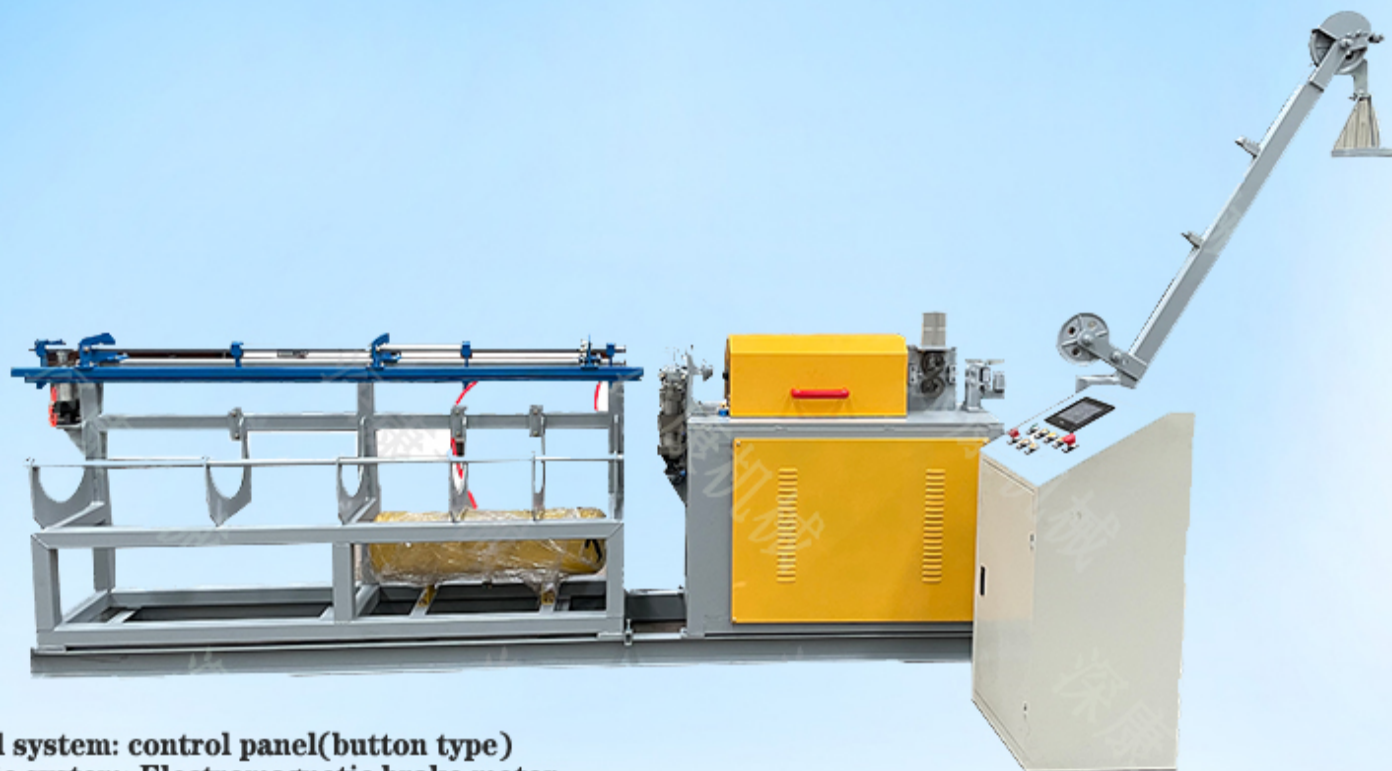
Main Advantages:

- 1.Variable frequency control , adjustable speed, suitable for novice operation
- 2.Low noise, low loss, energy conservation and environmental friendly
- 3.Wear resistant, durable and long service life
- 4.One year warranty for three major parts: motor, reducer and frequency converter

Five drums wire drawing machine (pulley type)

Model	BSJ-5X
Max. input wire	6.5mm
Min. output wire	2.9mm
Power	15KW+1.5KW
Finished wire speed	180m/min.
Output capacity	600kg/hour
Vibration frequency	low

High speed wire straightening and cutting machine



Control system: control panel(button type)

Dynamic system: Electromagnetic brake motor

Classification : auxiliary machines

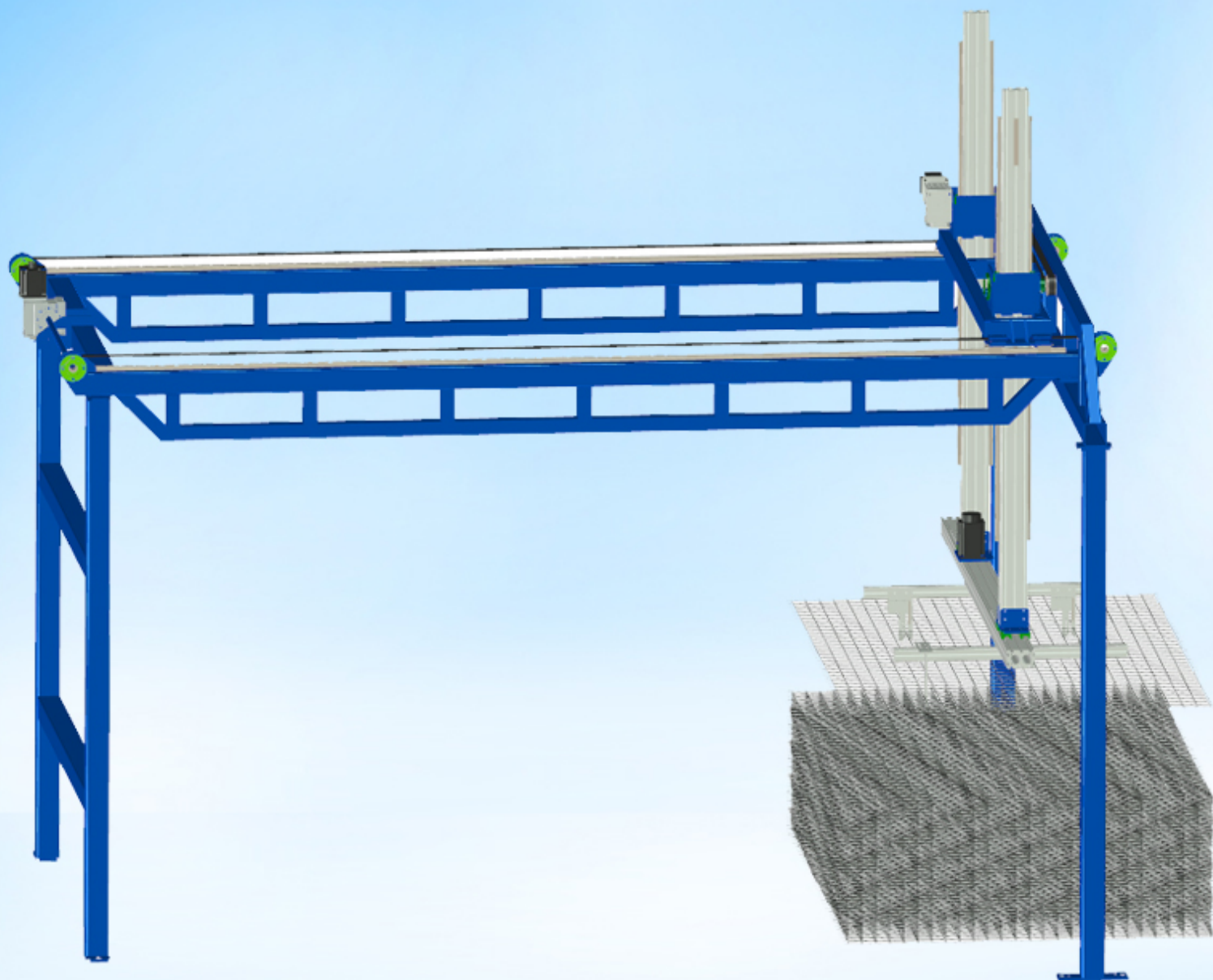
Product summary: high speed wire straightening machines , wire diameter $\leq 12\text{mm}$, speed $\leq 130\text{m/min}$.
servo cutting, cutting length 500mm -6250mm.

Optional configuration: wire payoff reel, Tungsten steel wire feeding wheel, Tungsten wire straightening dies, lubricating device

Main parameters

Model	GTJ2/4	GTJ3/8	GTJ6/12
Wire diameter	2mm-4mm	3mm-8mm	6mm-12mm
Straightening speed	110m/min.	110m/min.	130m/min.
Straightness	$\leq 2\text{mm} / \text{m}$	$\leq 2\text{mm} / \text{m}$	$\leq 2\text{mm} / \text{m}$
Material feeding form	Coil wire	Coil wire	Coil wire
Cutting length	500mm-6250mm	500mm-6250mm	500mm-6250mm
Cutting way	Pneumatic cutting	Servo cutting	Servo cutting
Wire material	Cold drawn wire, galvanized wire	Cold drawn wire, galvanized wire	Cold drawn wire, galvanized wire
Wire pressing way	pneumatic	pneumatic	pneumatic
Cutting error	$\pm 0.2\text{mm} / \text{m}$	$\pm 0.2\text{mm} / \text{m}$	$\pm 0.2\text{mm} / \text{m}$
Overall power	5.5KW	7.5KW	11KW
Power supply	380V/3P/50HZ	380V/3P/50HZ	380V/3P/50HZ

Automatic mesh stacking machine



The full-automatic stacking machine can be used in any process that requires stacking. The PLC control system can accurately pick up products and place them neatly, saving labor and greatly improving efficiency!

Advantages: One button operation is convenient, fast and accurate

Specification: customizable

Speed: customizable

Load bearing: customizable

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