

# Numerical Control Wire Net Weaving Machine



## Function introduction:

PLG programmable control system is adopted in this machine, which controls winding and let off by servo motor, realizes automatic adjustment of mesh tension, improves mesh accuracy, and weaves fabrics with 40-400 mesh standard wire diameter more accurately; makes the speed of the loom reach 120r / min, and improves efficiency by 71%; digital control is realized by mesh adjustment and tension setting, which makes the mesh and tension adjustment simple and accurate; infinite winding is adopted Net mode and digital display of the length of the net can shorten the auxiliary time of weaving and greatly improve the production efficiency.

## Main machine technical parameters:

TYPE	SKZWJ-1300	SKZWJ-1600	SKZWJ-2100
MESH SIZE	40-400mesh/inch	40-400mesh/inch	40-400mesh/inch
WIRE DIAMETER	0.025-0.35mm	0.025-0.35mm	0.025-0.35mm
BEATING-UP FREQUENCY	120r/min	120r/min	120r/min
MESH WIDTH	1300mm	1600mm	2100mm
MOTOR POWER	2.2kw	2.2kw	2.2kw
OVERALL SIZE	2.6m*3.4m*1.4m	2.6m*3.7m*1.4m	2.6m*4.2m*1.4m

Customize Various Models With Special Requirement

# The light-duty metal wire net weaving machine



## Function introduction:

The wire mesh machine is applicable for the industry of metal wire net weaving, and it can be used to weave mesh nets, microgroove nets and other nonmetal nets. The products weaved are widely used in various industries including petroleum, chemical industry, machinery, and aviation, etc.

## Main features:

1. It is highly adaptive to metal wires.
2. It has a large range for adjustment and can weave in various patterns including plain weave, tilted weave, bead pattern, and tapered contrast microgroove.
3. The weft wire is linearly led in without any shuttle, the warp line feeding and take-up are carried out mechanically and automatically, the opening size is small, and the net surface is flat and orderly without any defects.
4. It works automatic stopping and displaying functions at any warp broken or weft broken.
5. The whole machine works stably in a low center of gravity and a low level of noise.

## Main machine technical parameters:

TYPE	ZWJ-1300B	ZWJ-1600B	ZWJ-2100B
MESH SIZE	40-400mesh/inch	40-400mesh/inch	40-400mesh/inch
WIRE DIAMETER	0.025-0.200mm	0.025-0.200mm	0.025-0.200mm
BEATING-UP FREQUENCY	70 r/min	70 r/min	70 r/min
MESH WIDTH	1300mm	1600mm	2100mm
MOTOR POWER	2.2kw	2.2kw	2.2kw
OVERALL SIZE	2.6m*2.8m*1.4m	2.6m*3.1m*1.4m	2.6m*3.6m*1.4m

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# The light-duty metal wire net weaving machine



## Function introduction:

Zwj1300B1 is a modification of 1300B, which is mainly related to lubrication and acceleration. The improvement of lubrication is based on the serious situation that the user's on-site lubrication and refueling work is serious, the on-site oil pollution is serious, and the national environmental protection form is unprecedentedly serious. In order to improve the above situation, the improvement is mainly to reduce the lubrication point, and the bearing is mainly a non-lubricating mechanism, acceleration is to increase the efficiency of the machine model to 70 times per minute. In the case that the machine model structure remains unchanged, by replacing some components, the speed of 120 times per minute can be achieved, thereby greatly improving production efficiency and reducing labor costs.

## Main machine technical parameters:

TYPE	ZWJ-1300B1	ZWJ-1600B1	ZWJ-2100B1
MESH SIZE	40-400mesh/inch	40-400mesh/inch	40-400mesh/inch
WIRE DIAMETER	0.025-0.200mm	0.025-0.200mm	0.025-0.200mm
BEATING-UP FREQUENCY	70-120 r/min	70-120 r/min	70-120 r/min
MESH WIDTH	1300mm	1600mm	2100mm
MOTOR POWER	2.2kw	2.2kw	2.2kw
OVERALL SIZE	2.6m*2.8m*1.4m	2.6m*3.1m*1.4m	2.6m*3.6m*1.4m

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# The Medium-duty metal wire net weaving machine



## Function introduction:

ZWJ-D series type machine is a new type of machine based on ZWJ-B type machine, which is improved on some parts according to the needs of users. Compared with B type machine, the rigidity of D type is greatly improved, so it is more suitable for fabrics with larger weaving diameter.

ZWJ -- D Series Numerical Control Wire Mesh Weaving Machine adopts flexible rapier linear weft insertion, mechanical intermittent automatic delivery, roll net, one card. Weft, treadmill suspension, warp, weft break self-test stop. The design adopts three pairs of steel structure fuselage and enhances the strength of the roller and mechanical structure, so that the machine can withstand large warp tension and has the characteristics of large beating force. It is suitable for weaving various metal mesh belts and contrasting dense lines. Net and square hole net, twill net.

## Main machine technical parameters:

TYPE	ZWJ-1300D	ZWJ-1600D	ZWJ-2100D
MESH SIZE	20-140mesh/inch	20-140mesh/inch	20-140mesh/inch
WIRE DIAMETER	0.10-0.35mm	0.10-0.35mm	0.10-0.35mm
BEATING-UP FREQUENCY	70 r/min	70 r/min	70 r/min
MESH WIDTH	1300mm	1600mm	2100mm
MOTOR POWER	2.2kw	2.2kw	2.2kw
OVERALL SIZE	3.0m*2.8m*1.4m	3.0m*3.1m*1.4m	3.0m*3.6m*1.4m

Customize Various Models With Special Requirement

# Harness threading metal wire net weaving machine



## Function introduction:

ZWJ-1300HD Harness threading metal wire net weaving machine is a deformed product of ZWJ-1300D type metal wire net weaving machine. It is a new type of machine which has been greatly modified according to the needs of customers. The rigidity and strength of the machine are greatly improved. The feeding mechanism of the coiling net adopts the pawl mechanism, the diameter of the ratchet wheel is large, and the use is more reliable. It is suitable for 0.10-0.45mm diameter, 20-130 mesh smooth standard wire mesh weaving. It is the ideal wire mesh weaving machine for the majority of users. The main differences between ZWJ-1300HD and ZWJ-1300D mesh weaving machine are as follows: 1. The body is longer, the base channel steel is larger, the rigidity is increased, and the stability is good. 2. Gear Drive. 3. The web winding mechanism is driven by the crankshaft to adjust the offset plate, and is ratcheted by the pull rod and pawl. More reliable performance.

## Main machine technical parameters:

TYPE	ZWJ-1300HD	ZWJ-1600HD	ZWJ-2100HD
MESH SIZE	20-130mesh/inch	20-130mesh/inch	20-130mesh/inch
WIRE DIAMETER	0.10-0.45mm	0.10-0.45mm	0.10-0.45mm
BEATING-UP FREQUENCY	70 r/min	70 r/min	70 r/min
MESH WIDTH	1300mm	1600mm	2100mm
MOTOR POWER	2.2kw	2.2kw	2.2kw
OVERALL SIZE	3.1m*3.1m*1.8m	3.1m*3.4m*1.8m	3.1m*3.9m*1.8m

Customize Various Models With Special Requirement

# The heavy-duty metal wire net weaving machine



## Function introduction:

Diamond net (stainless steel mesh) weaving machine, which is manufactured by our company with international advanced technology, can replace similar imported products, adopt flexible rapier linear weft insertion, secondary weft clamping, mechanical intermittent automatic diameter feeding, active web winding, treading plate lifting healed, and automatic stop of warp and weft broken wire. The utility model has the advantages of large beating up force, strong bearing capacity, high precision, flat net surface, etc

## Main machine technical parameters:

TYPE	JL1600D-3J/Z	JL2200D-3J/Z	JL2500D-3J/Z
MESH SIZE	4-20mesh/inch	4-20mesh/inch	4-20mesh/inch
WIRE DIAMETER	0.40-1.00mm	0.40-1.00mm	0.40-1.00mm
BEATING-UP FREQUENCY	40 r/min	40 r/min	40 r/min
MESH WIDTH	1600mm	2200mm	2500mm
MOTOR POWER	5.5kw	5.5kw	5.5kw
OVERALL SIZE	3.0m*3.6m*2.2m	3.0m*4.2m*2.2m	3.0m*4.5m*2.2m

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# Wire Mesh Products

