

Electric Net Stretching Machine Specifications

Basic parameters of electric mesh stretching machine

Equipment parameters:

Machine outer diameter		2900 * 6500 mm	
Maximum pulling area		20 00* 5400 mm	
Minimum mesh area		8 00* 8 0 0mm	
Tension error		Max ± 1 N	
Motor drive mode		Worm gear reduction + screw screw SUBI 1:50	
Total Power		7 KW	
Working power supply	380V/50Hz	weight	2200 kg
Structure	project	Parts Name	Configuration Instructions
Basic structure	Body structure	Square tube	Sheet metal bending box type/detachable type
	frame	Square tube	Welding, surface treatment/detachable
Whole machine structure	Screw system	Sino-foreign joint venture	T-shaped threaded rod φ40CM
	Reducer	Pearl River	1:40*3P
Electrical configuration	Motor	Litian	380V, 4KW, 2.2KW, 0.37KW each one
	Remote Control	Ogilvy	XL-03
	Frequency Converter	Delta	5.5KW
	Limit switch	Sensor switch PNM - 08	Taiwan Ruike
	Contactors	AC contactor 0910 N	CHINT XLC 2510 AC220V
	power supply	Xiamen Mingwei	24V, 12V each one

Features:

1. High tension screen stretching machine suitable for polyester, nylon, metal and other screens. It is suitable for stretching large or large-scale printing screens. It is the preferred product for large printing companies and OEM plate-making companies.
2. The horizontal and vertical tension can be adjusted separately, and the maximum tension reaches 50N
3. The 200mm long all-aluminum double-handle chuck is used. The chuck is formed by an exclusive mold, with imported silicone strips as the inner pad and the wedge-shaped groove inlay technology. It does not require any glue to bond, and will not fall off permanently, damage the mesh, or derail the mesh.
4. The screen frame can be shrunk arbitrarily by electric means according to its size
5. Use composite steel materials, gears and racks
6. Use electric conveyor to transport mesh
7. Design of variable frequency speed regulation; arbitrary speed regulation between 00-50
8. Save time and labor in pulling nets, and multiple nets can be pulled at the same time
9. Unique electric net-lifting technology has a long net-lifting stroke, which can realize inching net-lifting, making maintenance more convenient.
10. The main structure adopts heat-treated channel steel, which makes the machine have high-strength operating performance and can withstand extremely high tension without deformation.
11. It uses a 40mm diameter heat-treated high-strength screw and a large chain, and is equipped with a safety switch, which is safe and reliable.
12. The left and right drives adopt a screw-type structure, the tension rises evenly, and the movement is smooth and precise.

13. It adopts two operation modes: remote control and manual. It is more convenient and stable to use remote control.

Remote Control Instructions

1# Start 2# Stop

3# front and rear pull net 4# front and rear loose net

5# Left and right pull net 6# Left and right loose net

7# top net rises 8# top net falls

9#, 10# keys are temporarily blank keys

Only one function button can be pressed on the remote control at a time. It is strictly forbidden to allow the remote control to get wet.

14. Electrical part: total voltage is 380V, total power is 4.5KW, 3 motors, 3 reducers.

15. Instructions for use

- 1) Turn on the main power switch on the right side of the machine head → the red button indicator on the operation panel lights up → press the green start button, the green indicator light lights up → the inverter panel startup display is "00" → the equipment has started normally.
- 2) This machine uses 3-sided net pulling, first pulling horizontally, then pulling vertically, and finally pulling the net up. It is strictly forbidden to use the front and back net pulling when the net-pushing rod is working, otherwise it will cause mutual damage between the beam and the net-pushing rod. Please return to the position in time after the net-pushing is completed. It is strictly forbidden to pull the net forward and backward and loosen the net when the net-pushing rod has not dropped to the bottom. To avoid damage to the machine and equipment. If the machine and equipment are damaged due to violation of the above operation, it is not covered by the warranty.

- 3) There is an emergency switch on the right side of the machine head. If there is any abnormality, please immediately press the emergency switch or the red "stop button" or the 2# button on the remote control, and the equipment will stop automatically.
- 4) The inverter on the right side of the machine head should be turned off immediately when not in use. It is strictly forbidden to work with power on for a long time to avoid affecting the service life of the inverter.
- 5) Do not use the motor if the voltage is higher than 400V or lower than 360V to avoid burning the motor components. If the motor does not rotate, please check whether the fuse and relay are damaged.
- 6) Please spread the mesh evenly to make the mesh tension more uniform.
- 7) Please turn off the main power promptly after get off work.
- 8) Please perform maintenance in time during the use of the machine. Maintenance parts: screw rod, chain, bearing seat, gear, chuck, reducer should be replaced with oil or butter in time. The mesh yarn and other debris on the screw rod should be removed in time every day to avoid the screw rod being stuck and damaged. The screw rod damage caused by this is not covered by the warranty.
- 9) Check the tightness of the screw parts of the whole machine every 15 days, 30 days, 180 days and 360 days.
- 10) The electrical parts of the whole machine are under warranty for one year, except for man-made damage.

