

AUTOMATIC MESH DECK WELDING LINE



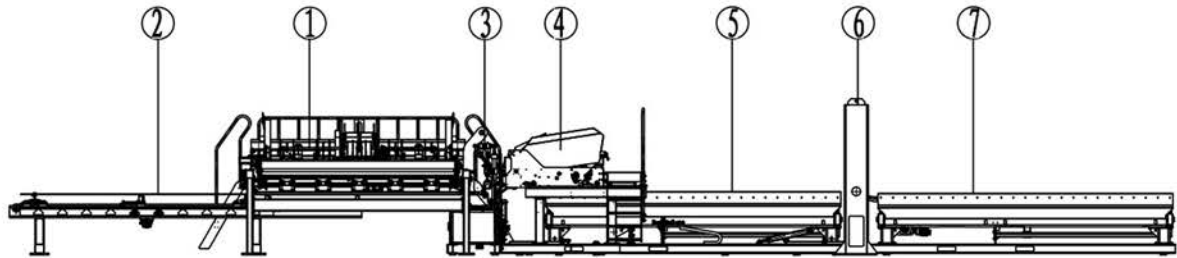
Jiaoyang Welding Industries Hebei Co., Ltd.

ADD: No. 28, Wei'Er Road, Eastern Industrial Zone, Anping County, Hebei Province , China ,053600

TEL: +86-318-7063110

FAX:+86-318-7800251

web:www.jiaoyangen.net

Layout


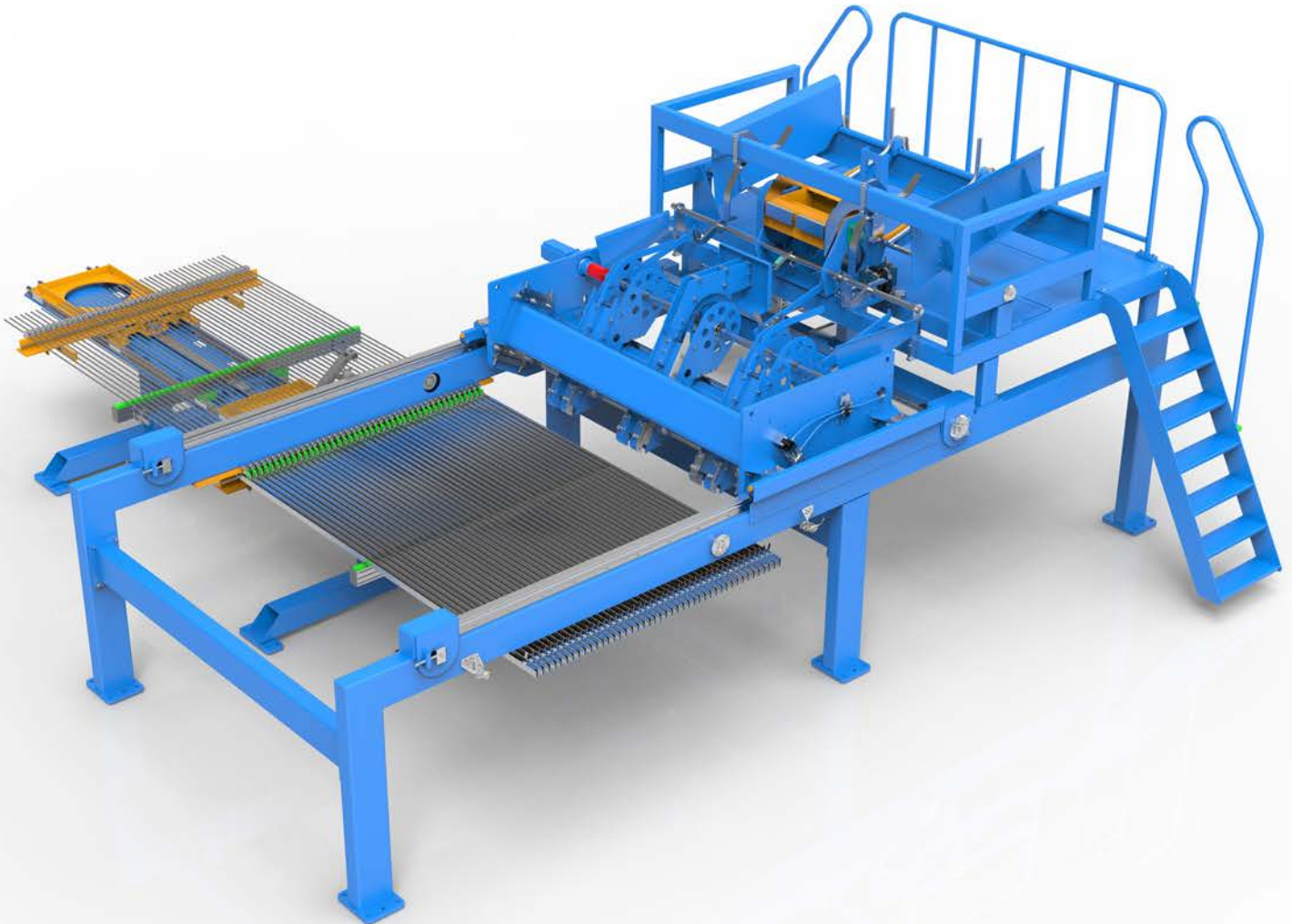
- ① Line wire auto.alignment and distribution
- ② Line wire feeding
- ③ Main welding machine
- ④ Cross wire pre-loading hopper
- ⑤ Servo motor pull mesh
- ⑥ Automatic bending online
- ⑦ Mesh support frame after bending

basic parameter

Mesh width	1600mm	Wire diameter	3.0-6.0mm
Mesh length	1700mm	No. of electrodes	31(Side hole 30-50 adjustable)
Transformer	125KVx8	Cross wire space	50-200mm,Stepless adjustment
Selvedge error	<1mm	Line wire space	50mm
Welding speed	60-80times/min		
Welding material	Low carbon steel wire		

Description of machines

Line wire alignment and distribution



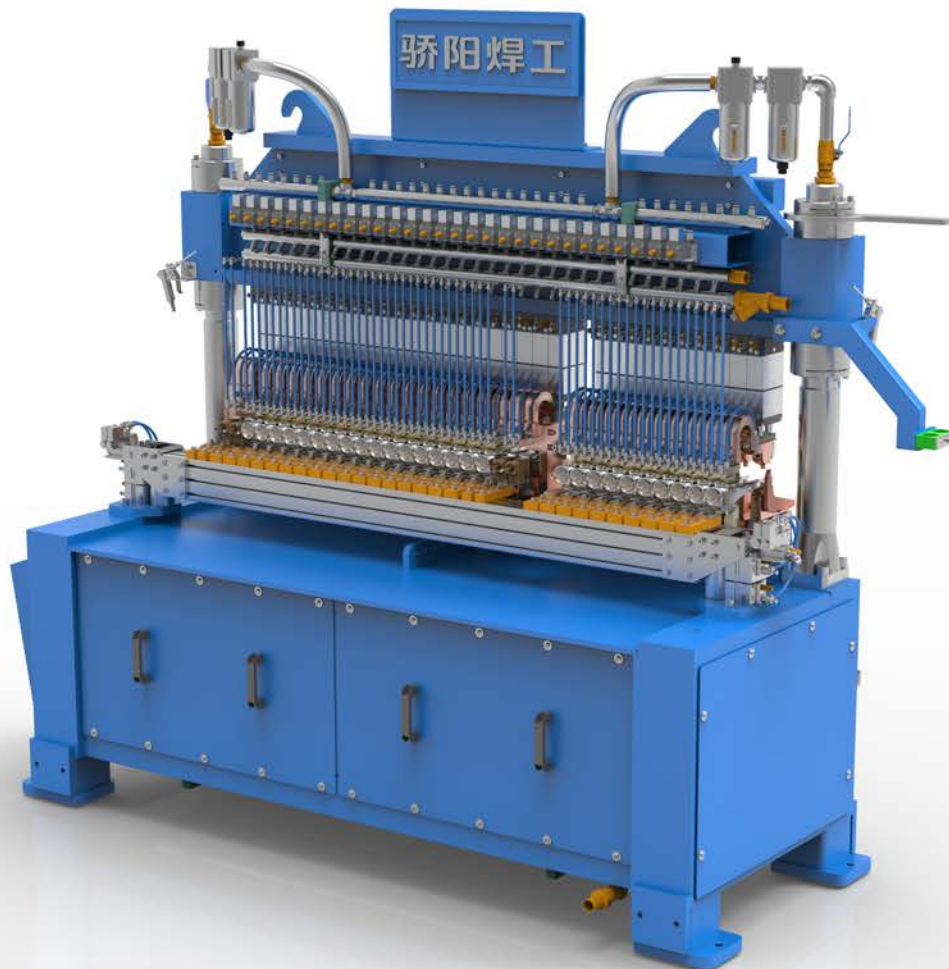
>Automatically arrange and align the line wire, and automatically feed, saving labor.

>The line wire stoke bin can bear 1.5 tons of materials, and the distribution speed is 120 pcs /min.

>Servo control, high precision and fast speed.

Description of machines

Main welding machine



>Pneumatic main machine, welding adopts quadruple of force one-way action cylinder, which not only save 30% compression capacity and also fast the speed.

>Pneumatic snap and two sets of detection devices are used for cross wire positioning, and the error is no more than 1mm to ensure that the mesh is neat.

>V-shaped steel line wire feeding unit is adopted for line wire positioning, which can adapt to the change of wire diameter.

Description of machines

Cross wire hopper



>The storage capacity is 1.5tons, improve the production efficiency.

Description of machines

Servo motor pull mesh



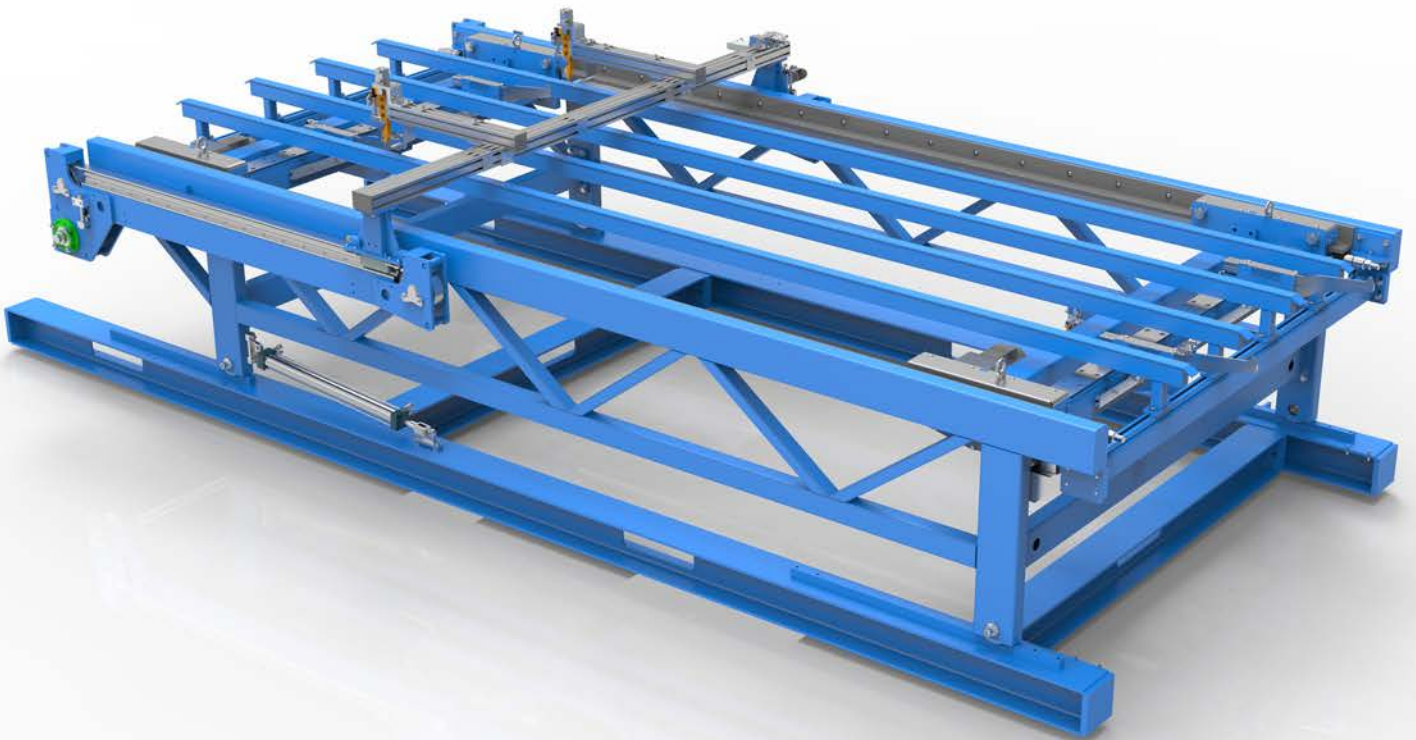
>Servo control, using high-precision rack.

>The distance of servo motor pull mesh is 4.5m, saving the space of factory

>The servo motor pull mesh frame can be moved, which is convenient for operation and maintenance.

Description of machines

Automatic bending online



>CNC adjustment, output force 100 tons, bending angle and depth can be customized according to the drawing.



JIAOYANG
骄阳焊工

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