



JIAOYANG
骄阳焊工

REINFORCEMENT MESH WELDING PRODUCTION LINE

GWC500CJ-01A



Jiaoyang Welding Industries Hebei Co., Ltd.

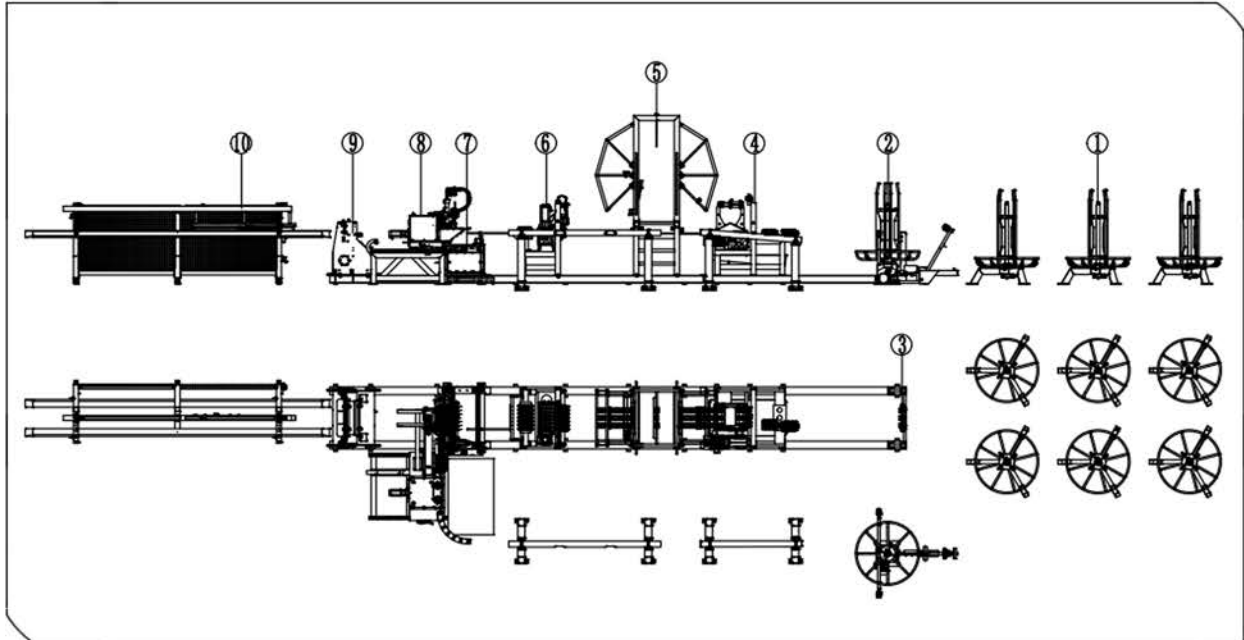
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Layout



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|---|-------------------------------------|
| 1. Payoff for line wire | 2. Payoff for cross wire |
| 3. Line wire detection device | 4. Straightening and feeding device |
| 5. Line wire accumulator and balancing device | 6. Servo motor feeding device |
| 7. Welding machine | 8. Cross wire feeding device |
| 9. Cutting machine | 10. Mesh fallen device |

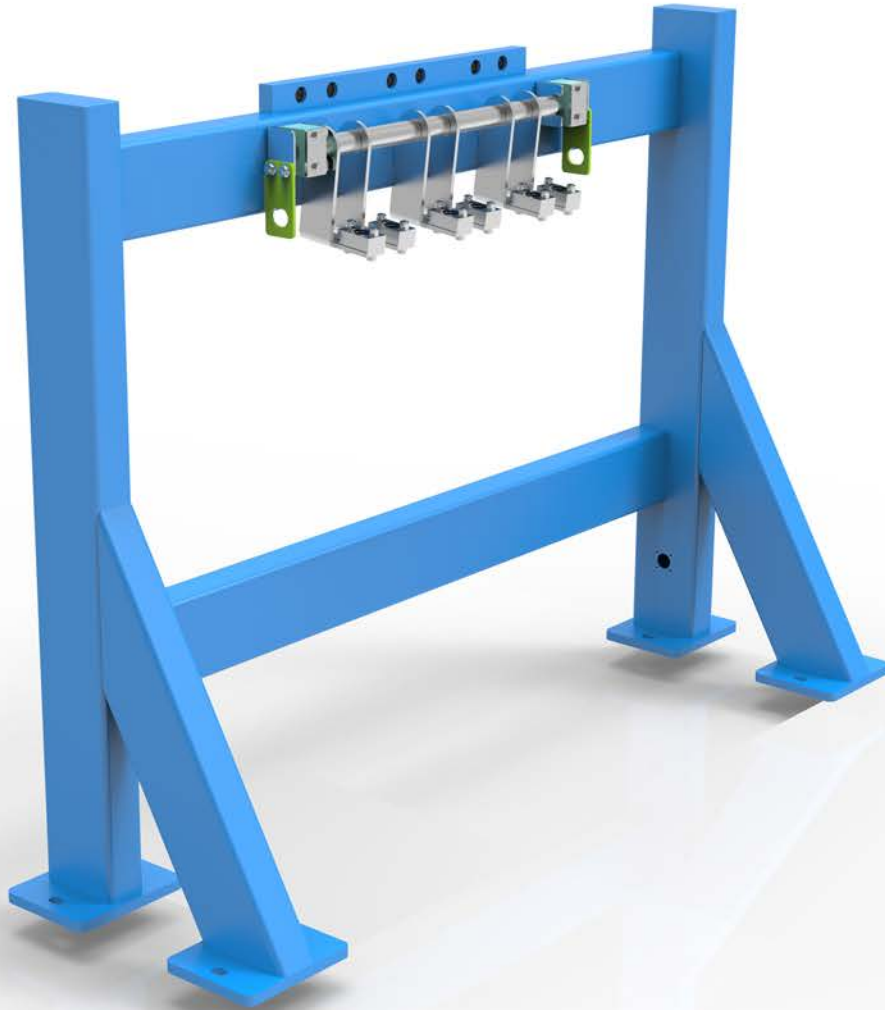


Technical Parameters

MODEL NO.	GWC500CJ-01A
Width	500mm
Number of welding electrodes	7
Transformer	125KVA×2
Wire diameter	Line wire 4-8mm/cross wire 4-6.5mm
Welding speed	8 panels/min
Line wire feeding	Coil
Cross wire spacing	≥50mm
Cross wire feeding	Coil
Diagonal tolerance	±2mm (2m length panel)
Wire material	Low carbon steel wire
Mesh form	Mesh panel
Line wire spacing	75mm

Detailed Introduction

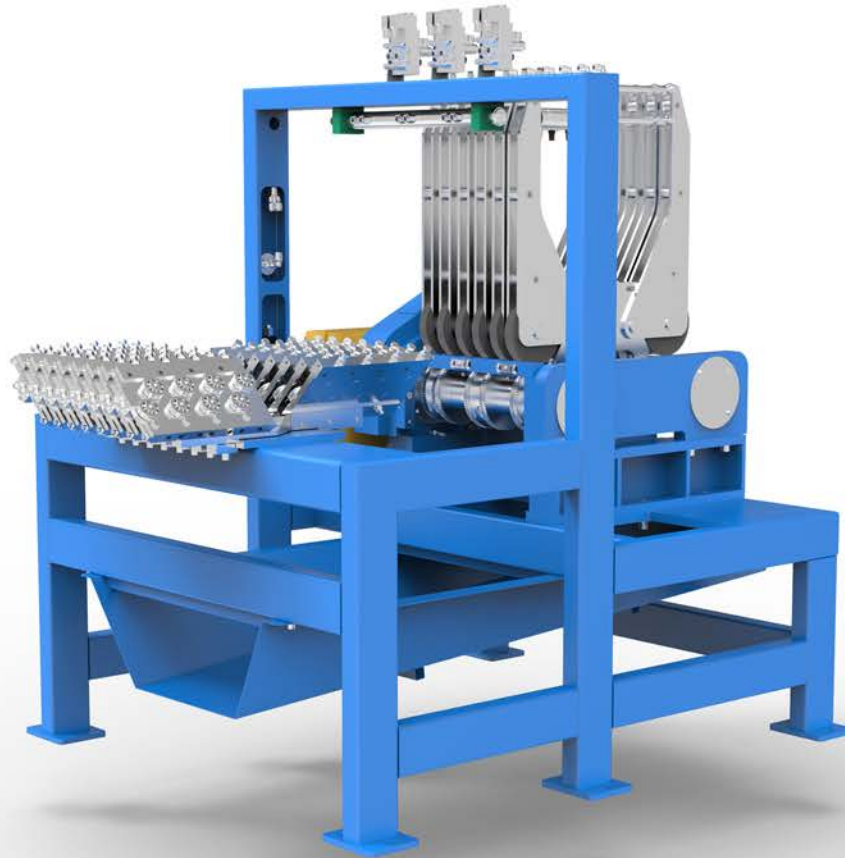
Line wire detection device



>When there is no wire, sensor will test it. Then alarm automatically, which will avoid the damage to every device.

Detailed Introduction

Line wire straightening and feeding device



>Equip 2 sets of straightening devices at 90 degree angle from left to right side .It is the first straightening action

>Every set of straightening device is composed of 7 V type rollers,which can be adjusted according to different wire diameter.

>The twisting stress of wire itself is changed to achieve the effect of initial straightening.

>Adopt rollers feeding,which is driven by compressed air.

>Equip individual feeding module, per module can seperately control the feeding power

Detailed Introduction

Line wire accumulator and balancing device



>Equip wire length detection device, it will automaticly feed wire with less wire.

And stop feeding with too much wire.

Detailed Introduction

Servo feeding device



>Line wire feeding is driven by servo system, which will be more fast and precise.

>Servo motor power is at 7.5KW, and speed is at 1.43m/s

>Equip the second straightening device before line wire into welding machine, which can guarantee the wire good straightness and mesh panel good flatness.

Detailed Introduction

Welding Machine



>Welding system adopt modular unit , and it will be more simple to adjust line wire spacing.

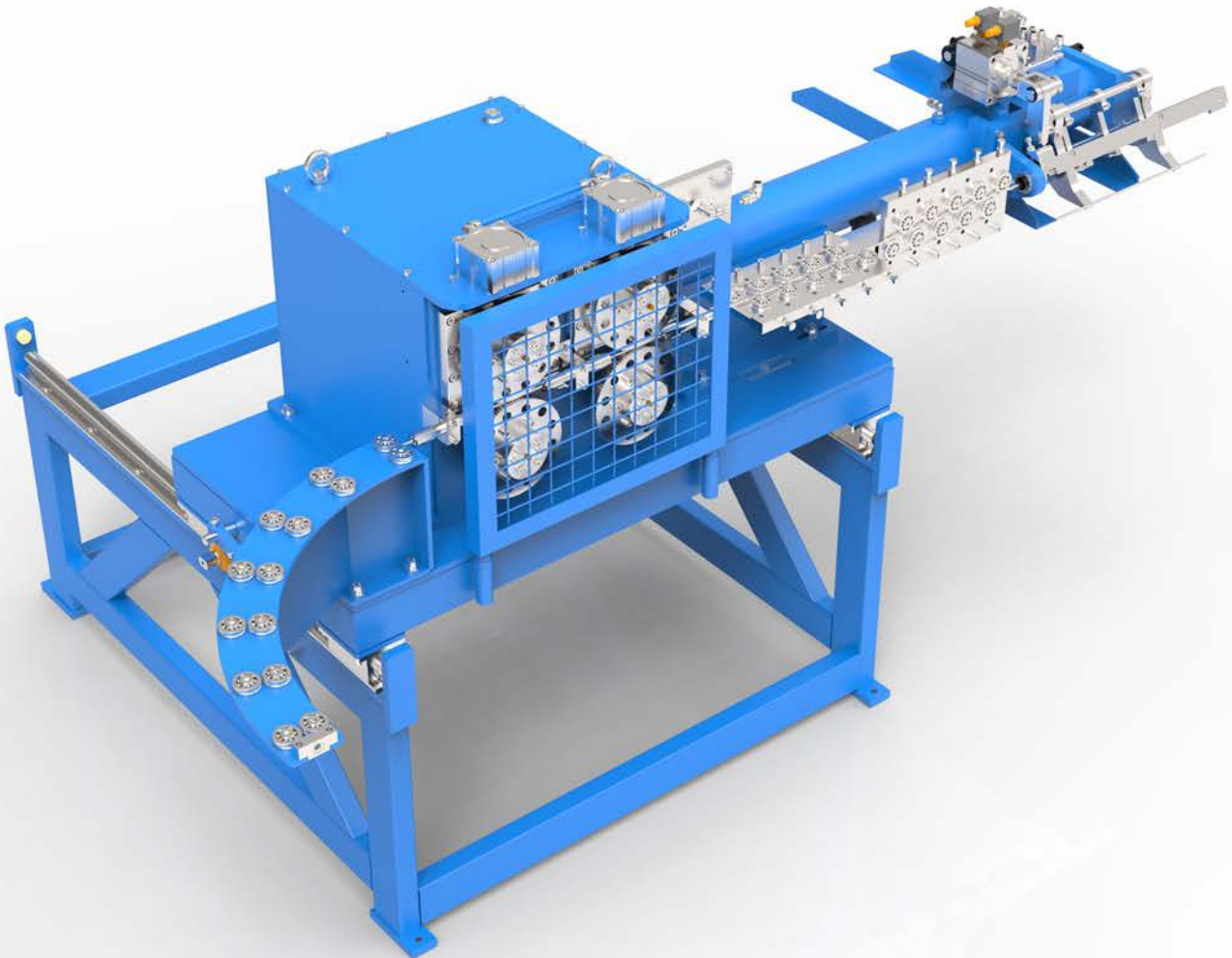
>Welding electrodes is CrZrCu with the best Hardness and conductivity .

Transformer with power 125KVA is with water cooling system, which makes use life longer.

>Equip with cross wire testing device, which guarantee the cross wire falling more precise

Detailed Introduction

Cross wire feeding device



>Cross wire feeding are from coil automaticly.

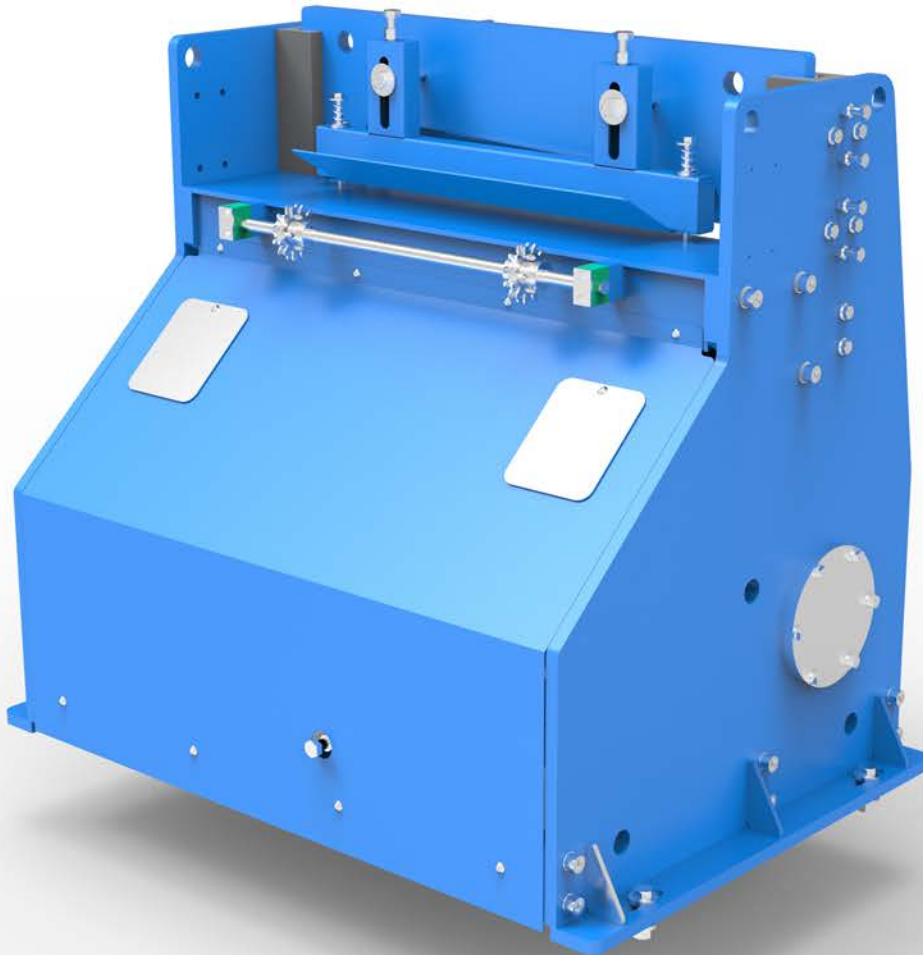
>It is driven by servo motor, with big power 3KW and precise feeding size.

>Wire payoff is also with power ,which can guarantee the high feeding speed.

>Equip with straightening system to ensure the wire straightness.

Detailed Introduction

Cutting machine

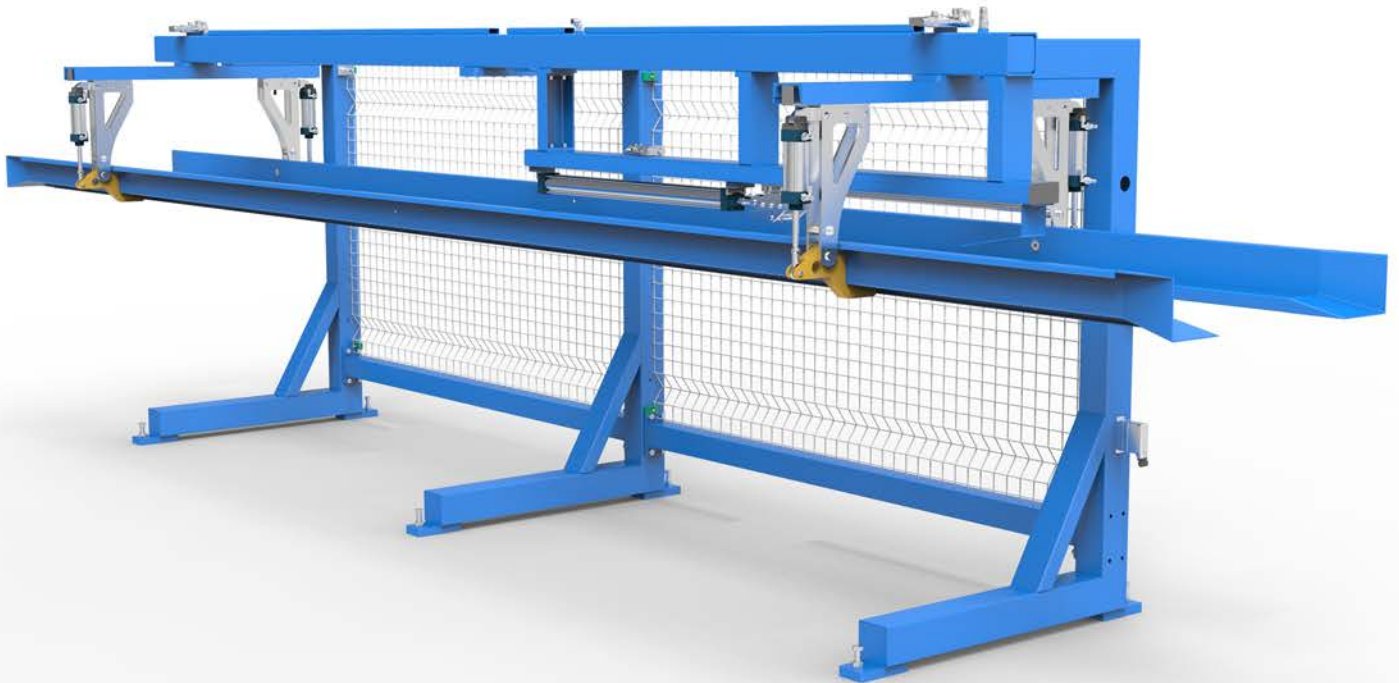


>Cutting power is from 5.5 KW motor with reducer together. The max cutting speed is as big as 80 strokes/min

>It equips guide gear and pressing device at cutting position, which can guarantee precise cutting position and efficiency.

Detailed Introduction

Mesh panel fallen device



>Pulling hook is pneumatic type, and max pulling stroke is at 300mm

>Max mesh panel length is at 6m

>It is composed of dustpan type supporting plates both sides and C-type frame

>Receiving structure can be freely adjusted according the mesh width.



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