

## STORAGE SHELVES MESH WELDING LINE

GWC1200ZG-02



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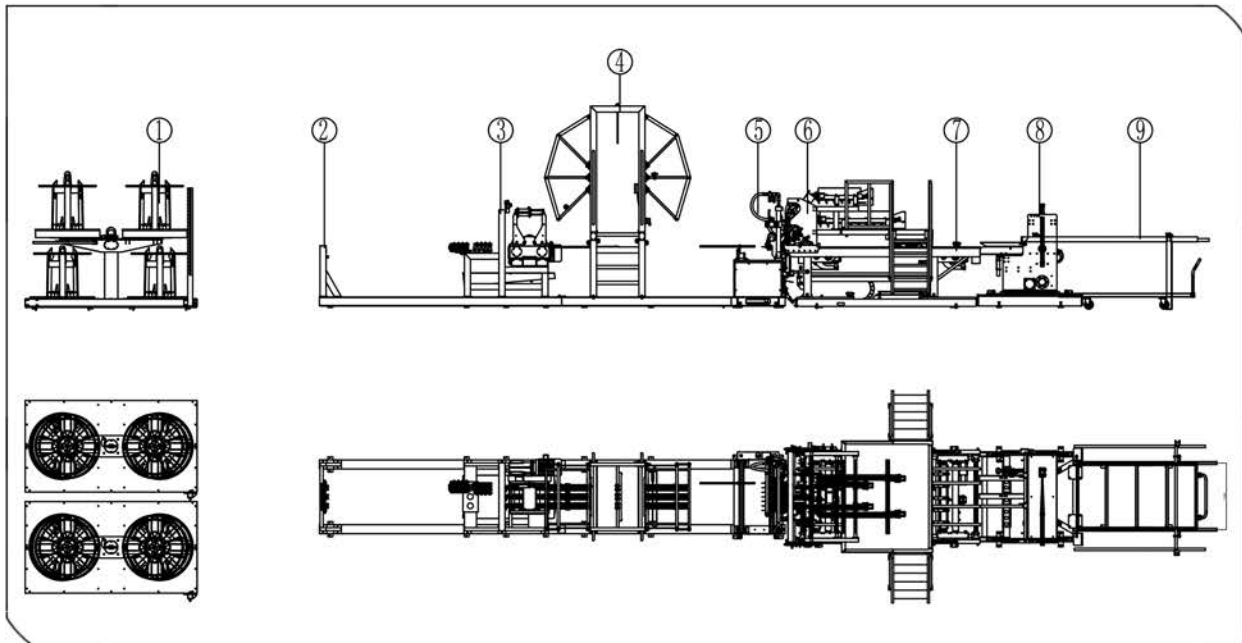
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## Layout



- |   |                         |
|---|-------------------------|
| ①Line wire payoff                           | ②Line wire detection    |
| ③Line wire straightening                    | ④Line wire storage loop |
| ⑤Main welding machine                       |                         |
| ⑥Double-layer cross wire pre-loading hopper |                         |
| ⑦Servo motor pull mesh                      | ⑧Auto.mesh cutting      |
| ⑨Auto.mesh falling device                   |                         |

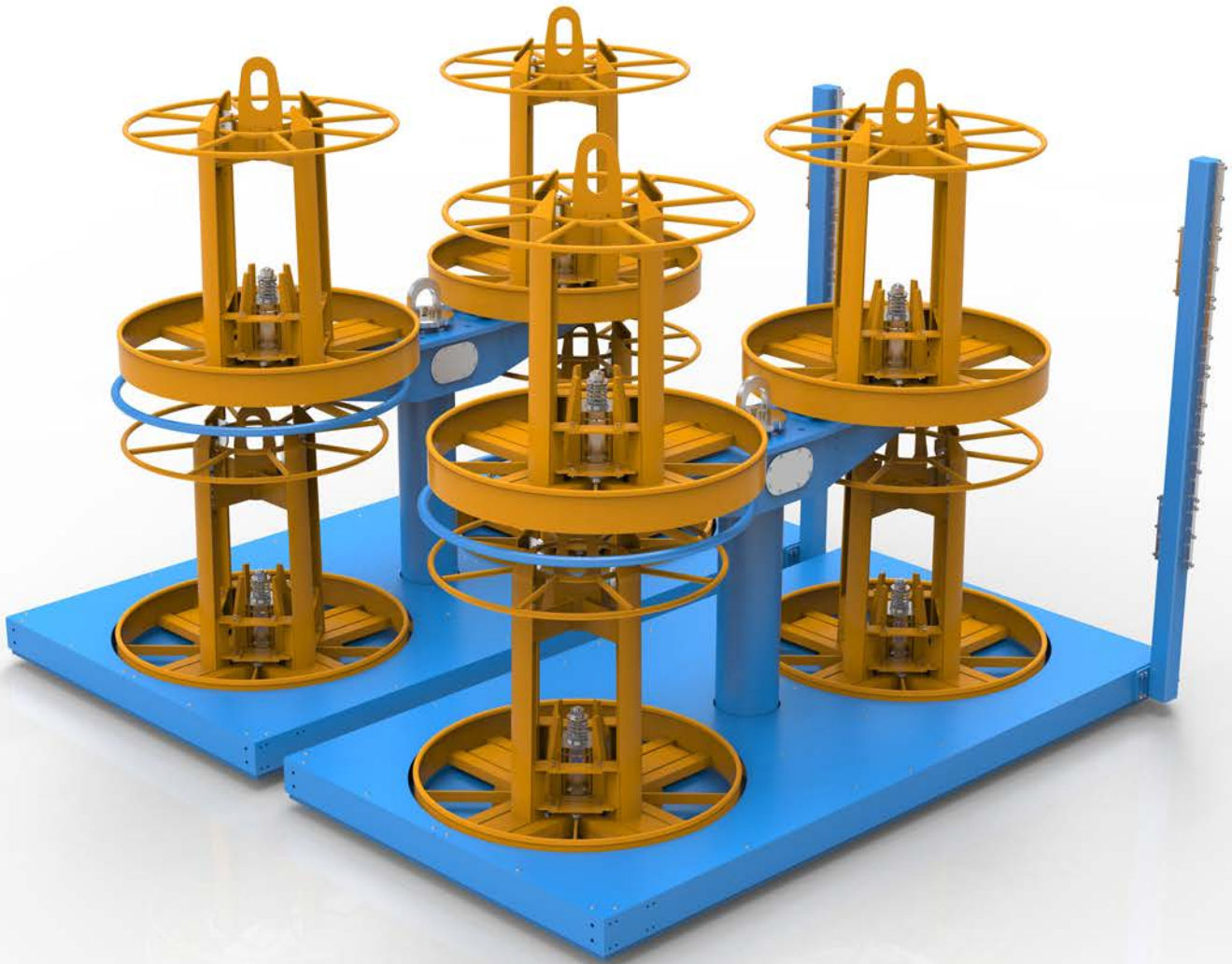
**BASIC TECHNICAL PARAMETERS**

|                            |                                     |
|----------------------------|-------------------------------------|
| <b>MODEL NO.</b>           | <b>GWC1200ZG-02</b>                 |
| Mesh width                 | 1200mm                              |
| Wire diameter              | Line wire 4-6mm    Cross wire 2-4mm |
| Mesh length                | ≤2000mm                             |
| No. of electrodes          | 8pcs                                |
| Cross wire space           | 15-200mm                            |
| Transformer                | IF 180KVAx2sets                     |
| Line wire space            | 50-300mm                            |
| Tolerance of diagonal line | ±1mm                                |
| Welding speed              | 80times/min                         |
| Welding material           | Low carbon steel wire               |



Description of machines

Line wire feeding

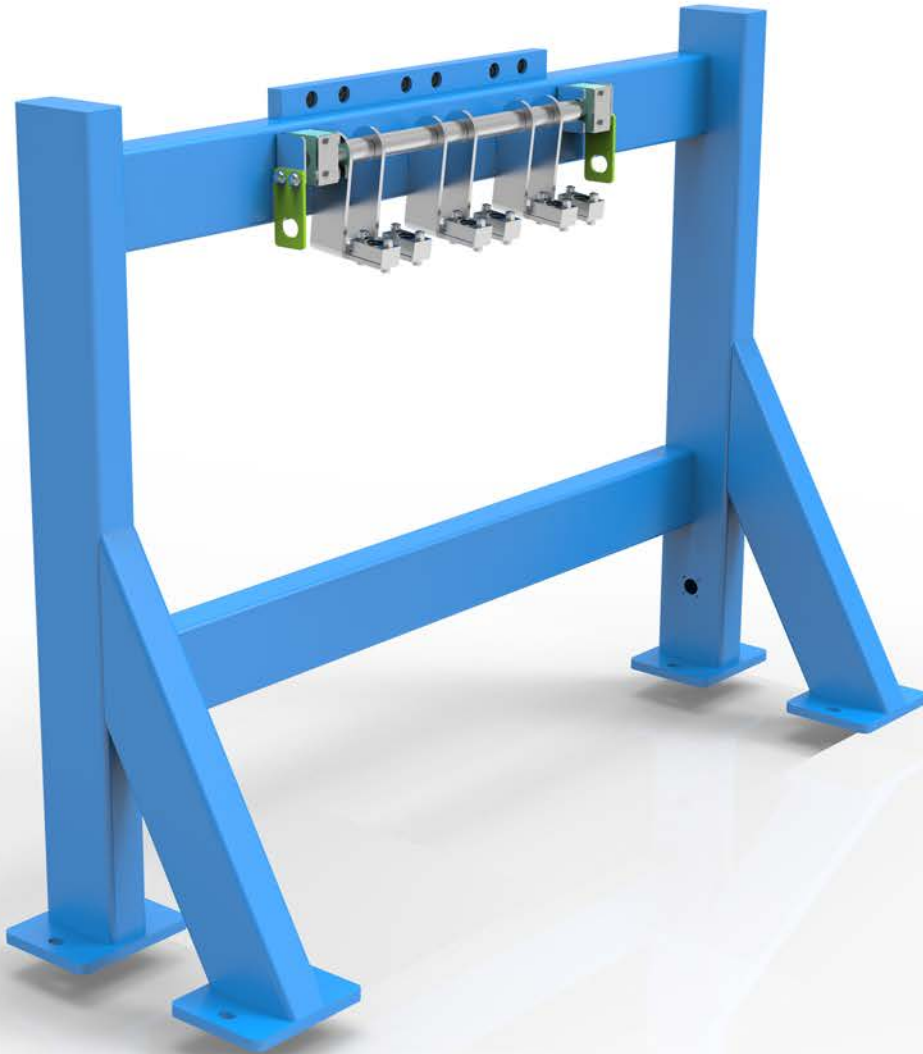


>The wire payoff adopt double layer which loading capacity is 500kg, save covering space.



Description of machines

Line wire detection



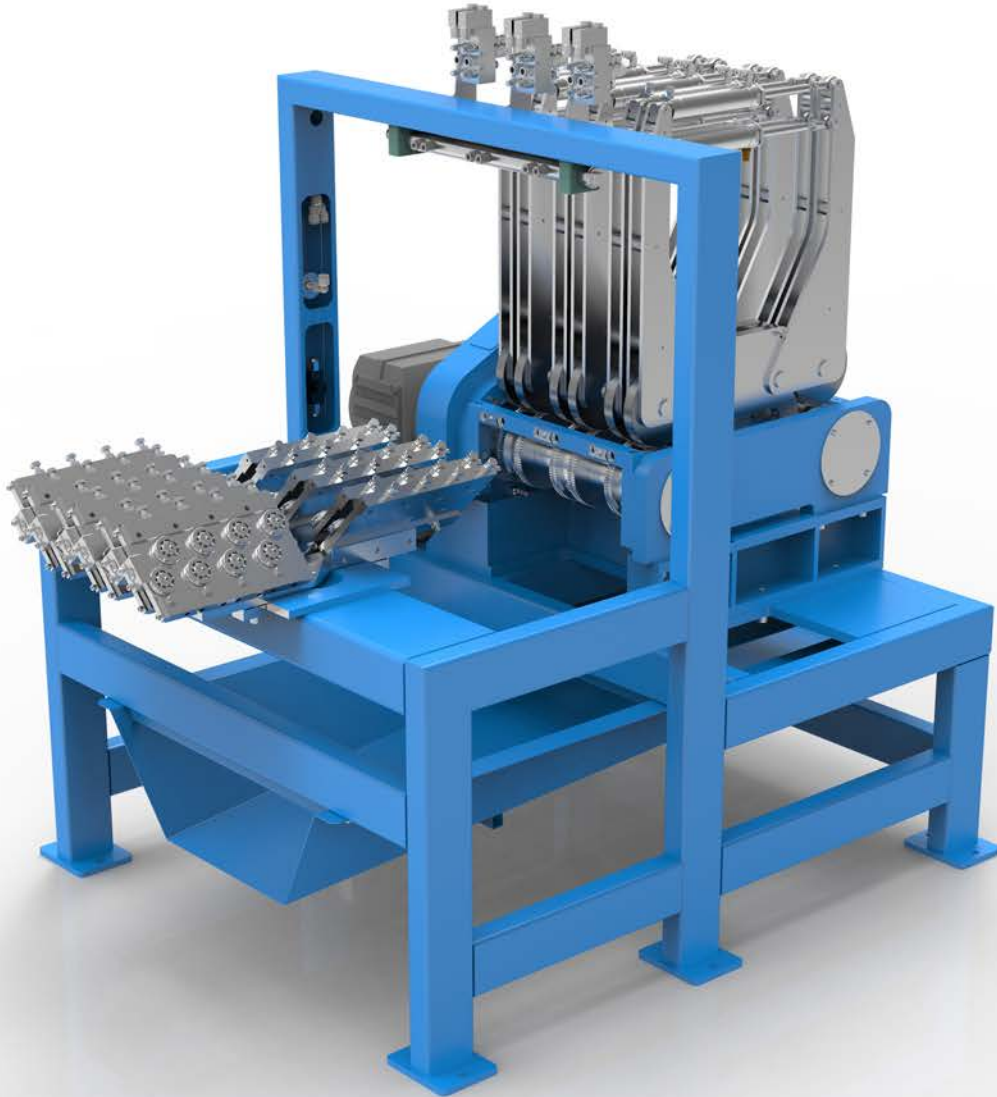
>It will automatically alarm and stop running when lacking of material, so avoid to waste material.





Description of machines

Line wire straightening

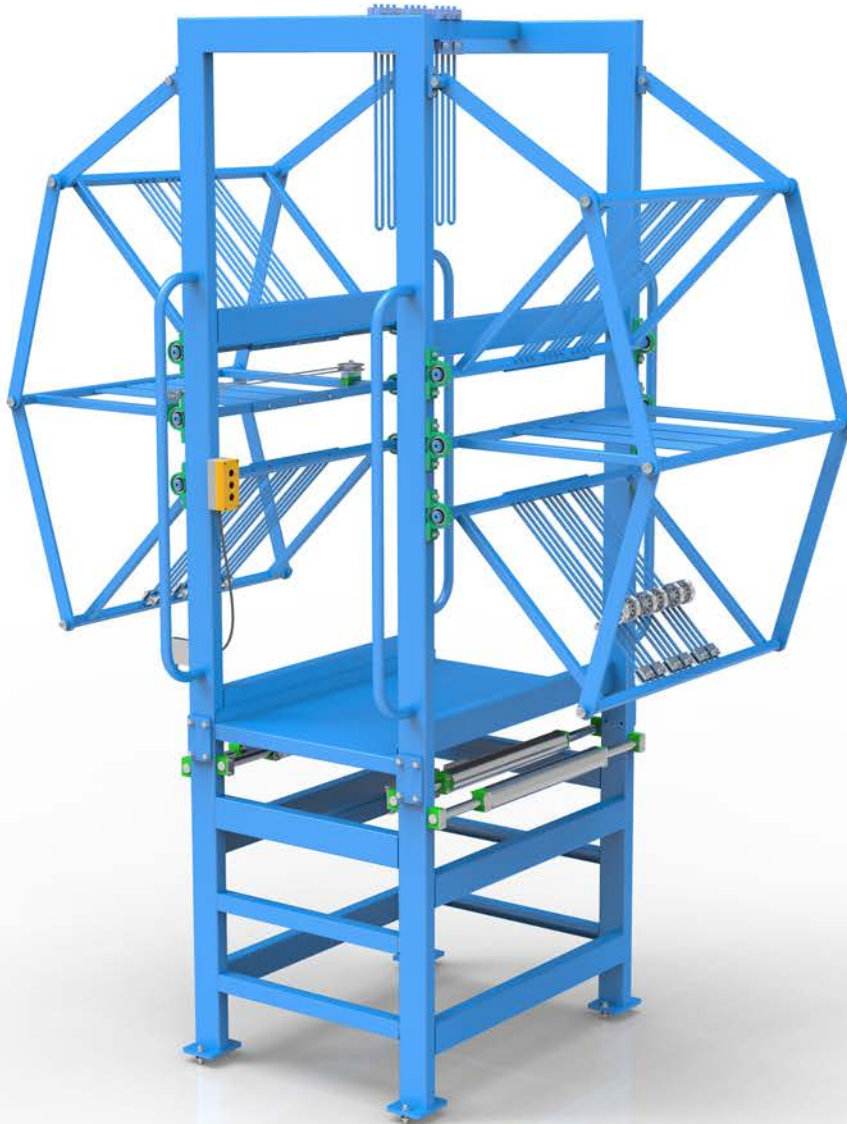


>It adopt two directions of 45° straightening, which will reduce the material prestress and the flatness of mesh will be ensured.



Description of machines

Line wire storage loop

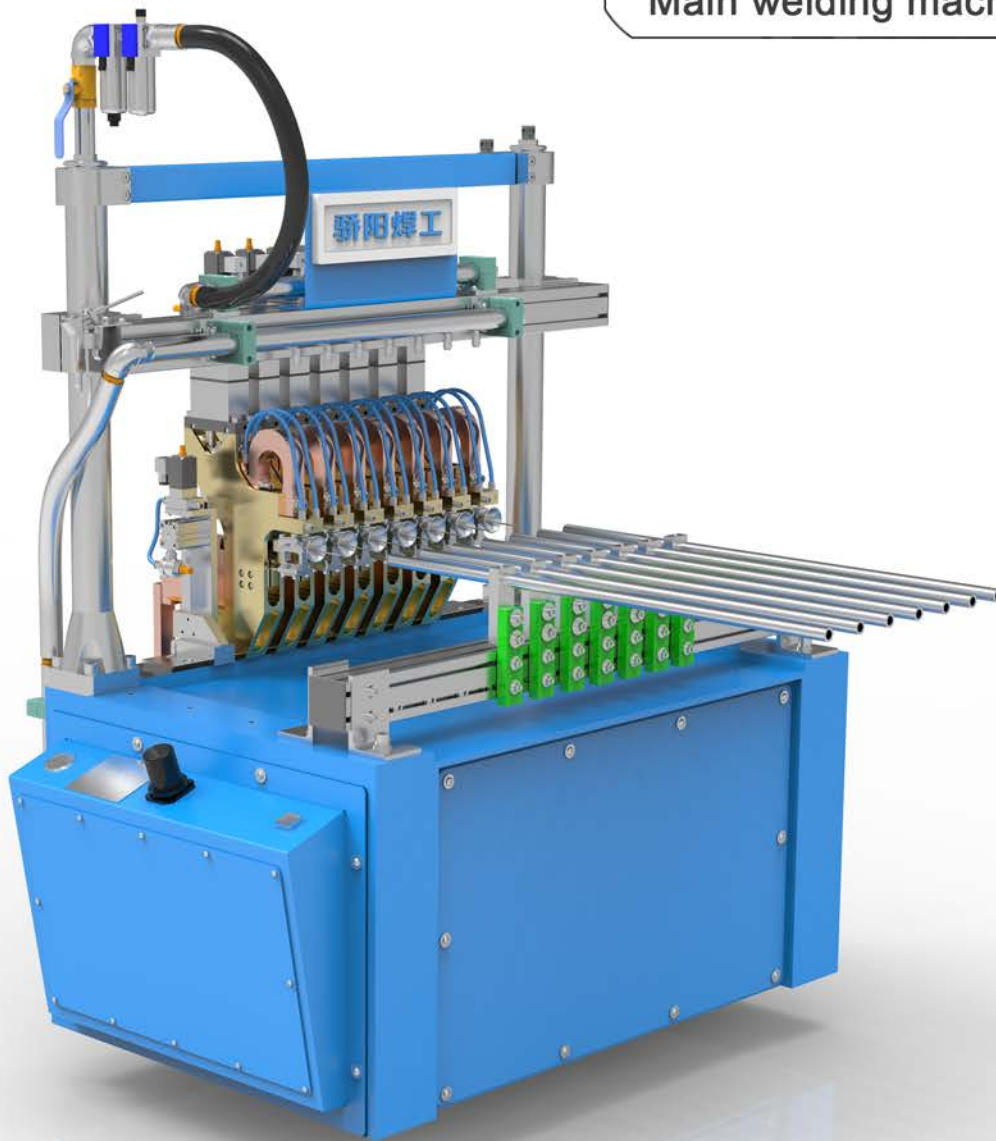


>The storage loop can reduce the resistance of pulling mesh, which can make the mesh size accurate and pulling mesh speed.



Description of machines

Main welding machine



>IF welding, no burnt and mesh flatness.

>Can realize the side wire welding from the opposite direction.

>Pneumatic pressure, which can ensure the welding pressure even and stable.

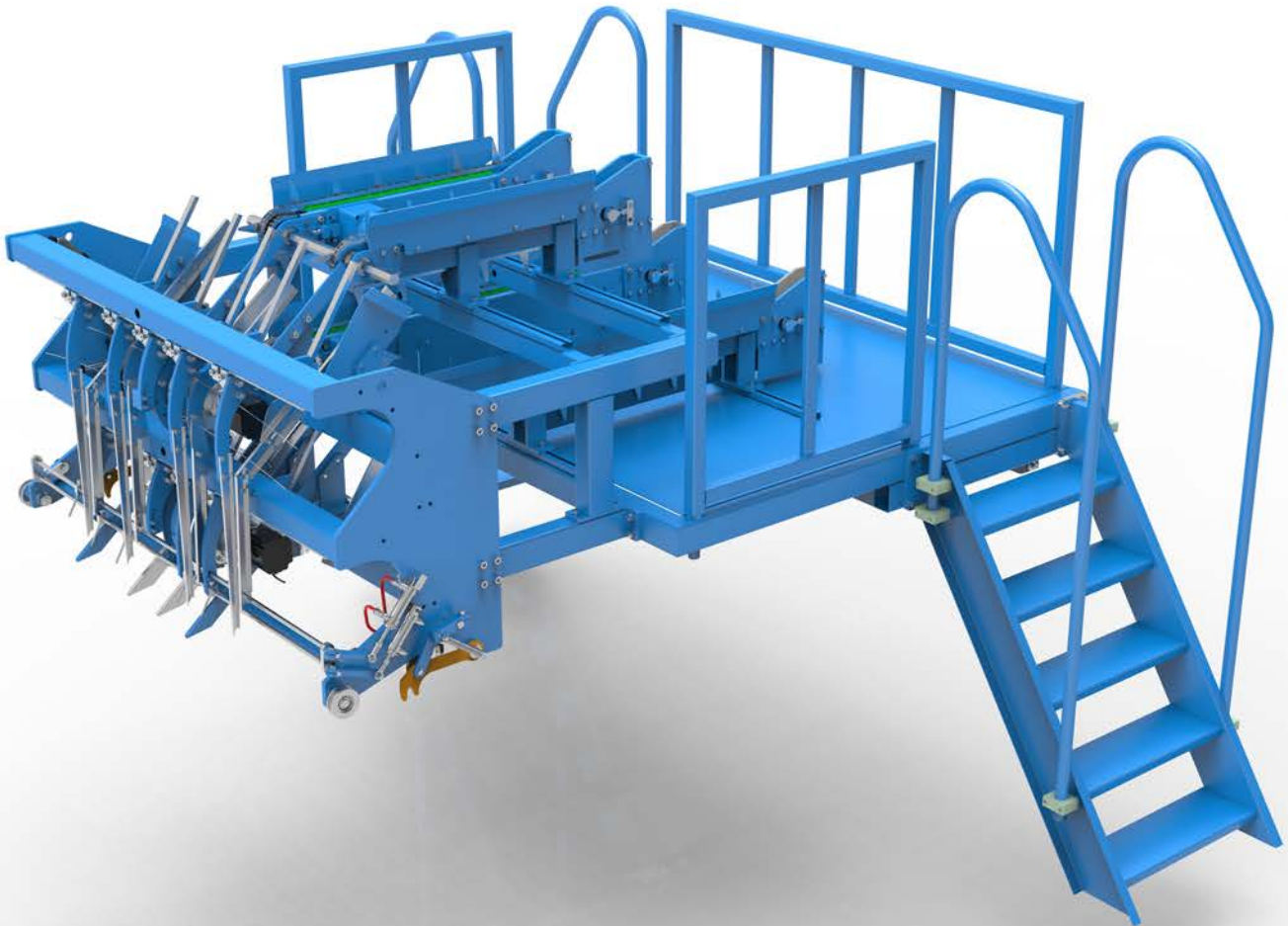
>It adopts cycled water cooling to prolong the electrodes working life.





Description of machines

Double layer cross wire hopper



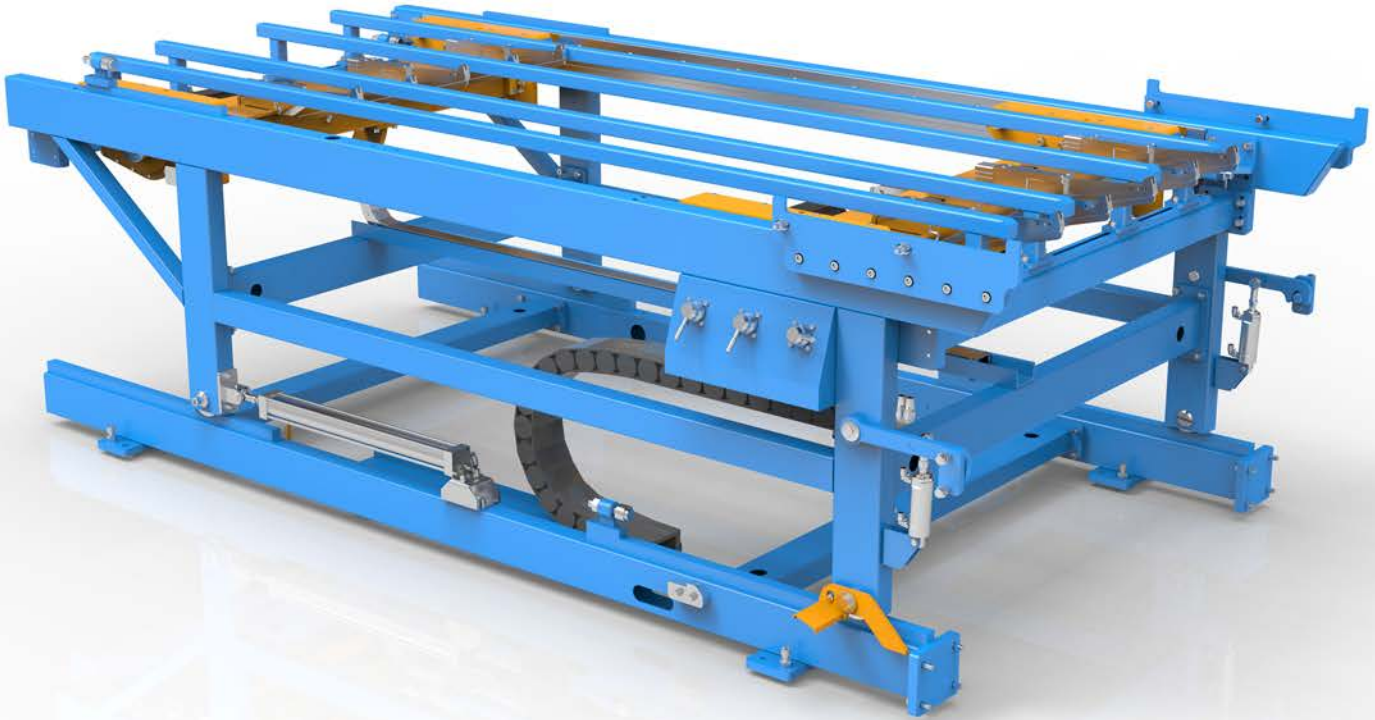
>The upper and lower hoppers adopt chain drive for feeding, and the storage capacity is 300kg.

>Two different sizes of wire diameter can be produced on one piece of mesh.



Description of machines

Servo motor pull mesh

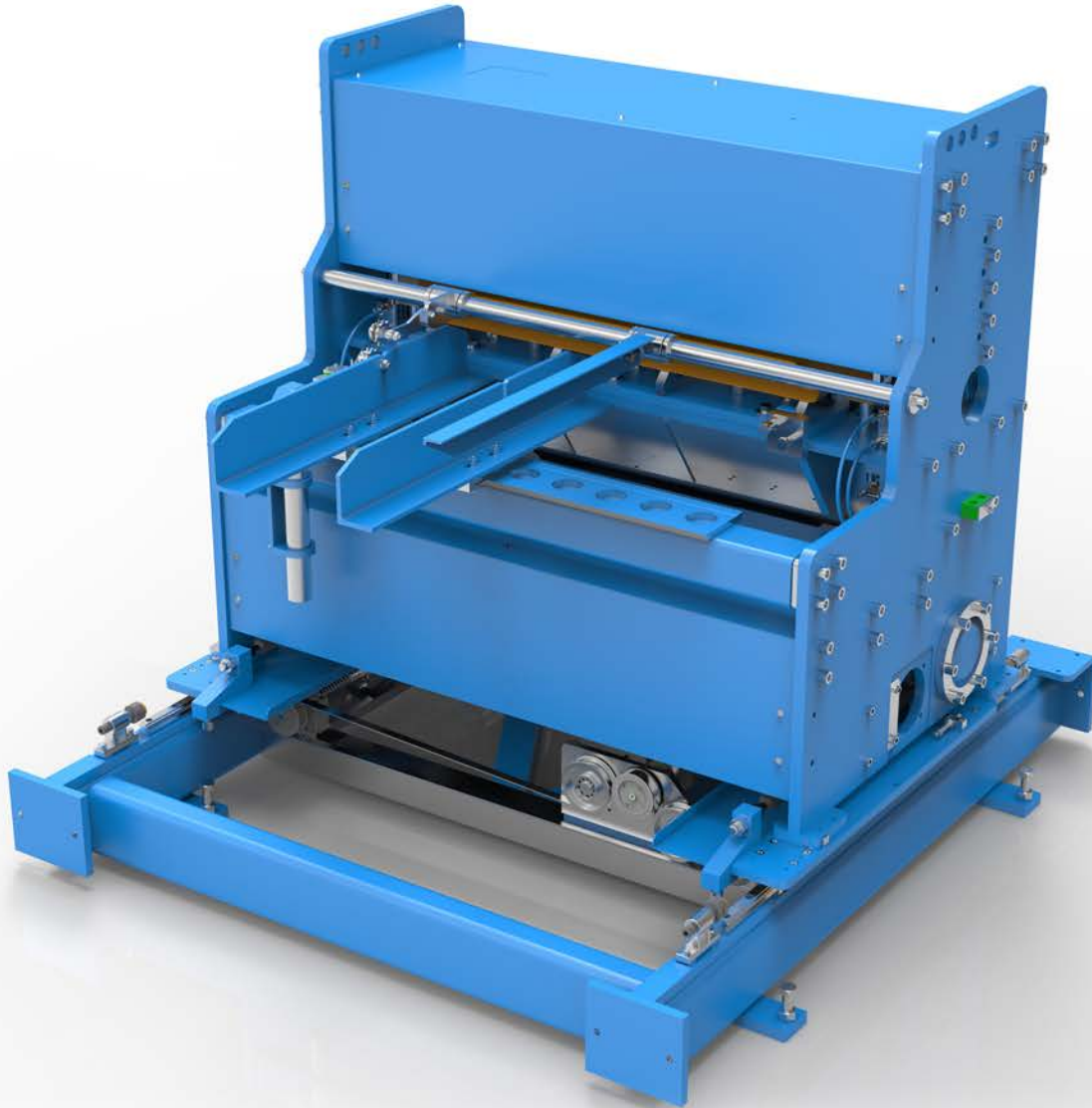


- >The distance of servo motor pull mesh is 2.1m, with high accuracy and fast speed, it can pull out 4pcs of mesh at the same time to space saving.
- >The servo motor pull mesh unit and the main welding machine can be separated, which is convenient for personnel to adjust and maintain.
- >It can automatically cut the cross wire edges and no need to process manually anymore.



Description of machines

Auto.mesh cutting without edges



>The mesh cutting speed is 80 times /min and can realize the finished mesh without edges after cutting as requirements,no need to process manually anymore.



Description of machines

Auto.mesh falling device



>It adopt side mesh output structure after falling, and equipped with 2pcs mesh falling trolleys to be used alternately, and the stacking height is 800mm.





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