



How to add the service life of cut to length line

What are the components of the Cut To Length Line production line?

Cut to length line is used to uncoil, level, cut to length, cut metal coils into flat sheets of required length and stack them. It is suitable for processing cold-rolled and hot-rolled carbon steel, silicon steel, tinplate, stainless steel and various metal materials after surface coating. Cut to length line production line is mainly composed of feeding trolley, uncoiler, leveling machine, feeding mechanism, shearing machine, conveying device, stacking device and so on. A slitting machine can be configured in the production line to cut the sheet into the required width, cut to length and stack it. It is a high-performance product integrating machine, electricity and hydraulics. High degree of automation, simple and reliable operation. High precision of fixed length, high sheet flatness, regular stacking.

Cut To Length Line debugging process

Compared with the foil winding machine, the commissioning of the Cut to length line is more complicated, and the production cycle is relatively longer. There are more parts than the foil winding machine, and the assembly is also difficult. Therefore, the debugging of the equipment is also relatively complicated. Dividing the equipment into several parts, the function of each part and the places prone to failure can be thoroughly grasped, and the equipment can be completely debugged.



About the installation of equipment in place.

Cut to length line equipment is not a whole like a foil winding machine, but many tissues are assembled together. This facilitates installation, removal and transportation. Here is a detailed description of the in-place installation of the equipment. When the equipment is transported to the customer, it must be hoisted first, and the driving or crane should be selected according to the tonnage of the equipment. Small tonnage driving and crane lifting are prohibited, otherwise there will be dangers! The hoisting ring of the selected equipment or the designated local hoisting is not allowed for other unspecified local hoisting. In order to avoid threats to personal safety or damage to important components. In particular, when hoisting the main engine body, try to parallel the hoisting angle and the inclination angle shall not exceed 10° .

Cut To Length Line: How to choose the material of CNC Cut To Length Machine scissors

Regardless of the punching and shearing process, the cutting part of the CNC cutting to length machine die and scissors is worn due to the effects of force, heat and friction. The length of its service life and the level of productivity mainly depend on whether the mold and scissors

materials have the proper cutting performance. In addition, the crafting function of this material also has a significant impact on its own production and sharpening quality. Therefore, the materials for CNC cut to length machine molds and scissors should meet the following basic functional requirements:

1. High hardness, at least higher than that of silicon steel sheets.
 2. High damage resistance, otherwise the service life is not long, and tool and mold changes are frequent.
 3. Sufficient strength and resistance, otherwise it is easy to deform and crack.
- Fourth, high heat resistance, that is, high red hardness is required.

Cut To Length Line: How to increase the service life of CNC Cut To Length Machine

In order to prolong the service life of the CNC cut to length machine, it is required to avoid direct sunlight and other heat radiation as much as possible, and avoid places where the environment is too humid, too dusty or has corrosive gases.

Corrosive gas can easily cause corrosion and deterioration of electronic components, resulting in poor contact or short circuit of components, affecting the normal operation of equipment.

The precision CNC cut to length machine should prevent contact with equipment with large vibration, such as punch presses, forging equipment, etc., and try to keep a relative distance from these equipment. Enterprises with sufficient conditions can independently set up independent iron core cutting workshops.



Cut To Length Lines Manufacturer - Bangzhou Machinery

[BANGZHOU Machinery](#) specializes in R&D and manufacture of [cut to length lines](#). Our machines are used in a variety of industries, including the metal and aluminum sheet industry. We have a team of experienced engineers who are dedicated to create machines that are durable and easy to operate. We also have a team of customer service representatives who are available to answer any questions you may have about our products.