CNC laser pipe cutting machine

Attributes

- Round pipe: diameter 200mm-20mm - Rectangular profile 300mm * 200mm - Length 6 meters _8 meters - Pipe installation 25 kg per meter

Descriptions

It is a high-end intelligent fiber laser tube cutting machine with high efficiency, high stability, high precision, full function, ultra-wide compatibility and openness.

After matching the automatic loading system, it can realize the automatic feeding and processing of pipes. And it is the basic intelligent equipment of the automatic pipe processing production line.
Processing size of tube and profiles

xx. Round tube: diameter 20-200mm/30-300mm

xx. Rectangle tube: Diagonal length 20-200mm/30-300mm

xx. Tube loading weight: 25kg/m

xx. Processing tube length: 6000mm/8000mm

xx. Processing tube type

Round tube, rectangular tube, square tube, oval tube, channel steel, I-beam, angle iron, etc.

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xx. Load Pro tube size: 800mm*800mm*6000mm/800mm*800mm*8000mm

xx. Max. loading weight of the Load Pro: 2.5T
CUTTING FUNCTIONS
Frog jumping, flying cutting, fast perforation, graphic display/processing estimate, pause/rewind/continue processing

SERVO AUTO ADJUSTING

SUPPORT SYSTEM
Servo-adjusted floating support , Servo-adjusted tail support

PA CNC CONTROL SYSTEM
Touch operation screen, bus communication method ,New and optimized CNC software

3D STEREO CORRECTION
Tube software correction, Pipe hardware correction

UNLOADING SYSTEM
Track belt receiving Robot picking

Rotation speed-120R/MIN
Adopting 4.4KW high-power servo motor with strong power, the gear is directly transmitted and driven with high transmission rate and fast speed.
Easy to adjust
The jaw adopts two-stage adjustment. No need to adjust the claw if pipe diameter is 20-100mm or 100-200mm. And for pipe diameter is 20-200, no need to change the jaws.

**High hardness bearing steel**

Gears and jaws are quenched to ensure factory precision, durable and not easily deformed. The roller part that directly comes into frictional contact with the pipe is made of high hardness bearing steel, which is durable and wear-resistant.

![Image](image_url)

**High tightness**

The chuck adopts high sealing design to prevent cutting debris and dust and ash particles from entering the chuck interior, which affects or shortens the service life of the inner cylinder and valve structure.

![Image](image_url)

**Stable & reliable, Convenient & time-saving**

Cast chuck base
The integrated casting process is adopted, the chuck and the machine bed are integrated for more reliable and rigid.

Embedded installation of chuck and servo motor

Uniform precision standards, controllable quality, more convenient maintenance and replacement in the future, and better sealing.

Ultra-long stroke jaws

Different sizes of pipe changing, no need to adjust the claw position, faster clamping and save time

Slag removal

During the cutting process, the slag removing pipe automatically enters into the processing pipe and keeps moving synchronously with the cutting program. It prevents the slag from adhering to the pipe inner wall.

Weld seam recognition

The image scanning equipment is configured to automatically identify weld seam position, so that the cutting track automatically avoids the weld seam position.

Load Pro system

It is equipped with an automatic loading system to realize automatic feeding and continuous cutting, to achieve auto production line mode
- 5 year CNC warranty. After sales service 15 years
- Contact the company's experts

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