TR-0001

High-speed pipe cutter

Suitable for cutting, stainless steel, copper, aluminum, etc.

Cut pipe and tube sizes: 3mm-76mm, and 1m-6m

Pipe/tube material: pvc, pe, ppr, aluminum, copper, stainless steel, etc.

Craftsmanship

Creating high-quality machines

- Strength construction
- Structure after long use
- Organized construction
- Automatic protection
- Durable
- Quality assurance

Processing sample display

Product Parameter

Machine model	TR-0001 High-Speed Pipe Cutter		
Cut pipe diameter	3-76 mm	Power supply	220V/50Hz
Length	1m-6m	Dimension	1.5m*0.60m*1.70m
Cut material	Stainless steel, copper, aluminum, etc.	Cut pipe type	Round pipe
Cut speed	0-20 Pieces/min		
Cutting tool	Cutter wheel	Cutting tool quantity	1 pieces
Cutting tool material	Alloy steel, Tungsten steel, Ceramic, Diamond, Cubic boron nitride, Polycrystalline diamond, Cermet, Coated carbide, Coated high speed steel		
Cutting tool life	Cutter wheel life: 20000-30000 pieces (stainless steel pipe)		
Cut pipe length	1m-6m	Cut pipe length error	±1mm
Cut pipe end	Flat, no burrs, no deformation	Cutting speed	Adjustable
Cutting method	Mechanical cutting	Cutting tool cooling method	Cutting fluid cooling
Control	Touch screen control, PLC	Operation	Manual or automatic
Cutting fluid	Cutting fluid 20L/Barrel	Weight	400kg

Product Description:

1. Cutting accuracy: The machine adopts the interface control, simple operation, stable and reliable.

2. Cut the 3D-shape composite & thin-wall pipe: optimized feed frequency, compact structure, stable cutting.

3. Capacity up to 76mm Pipe length: 1m-6m, 6m optional.

4. Equipment reliability: through the replacement of the wire cut surface quality of high-precision cutting.

Equipment features

1. The pipe cutter is suitable for cutting pipes of various materials, such as stainless steel, copper, aluminum, PVC, PE, PPR, etc. The cutting speed can be adjusted according to the material and wall thickness of the pipe, ensuring high cutting efficiency and high-quality cut surfaces.

2. The cutting blade adopts a high-hardness alloy material, with a wear-resistant coating, ensuring long-lasting sharpness and effectively extending the service life of the blade.

3. The equipment is equipped with a high-precision servo motor and a PLC control system, ensuring stable operation and precise control of the cutting length and speed, thereby improving production efficiency and reducing material waste.

Product Details

touchscreen

Equipped with a touchscreen PLC, for easy operation and monitoring. The touchscreen interface provides real-time status updates, enabling quick adjustments and high efficiency.

belt feed

The upper and lower belt pulleys are driven by a single motor, ensuring smooth feeding and stable cutting. The belt tension can be adjusted to prevent slippage.

regulating wheel

The regulating wheel adjusts the feed speed to ensure stable and accurate cutting. The wheel's design minimizes material damage and improves cutting quality.

cutting tool

The cutting blade is made of high-hardness alloy steel, with a wear-resistant coating, ensuring long-lasting sharpness. The blade is easily replaceable for quick maintenance, minimizing downtime.

Servo motor + PLC

The servo motor and PLC control system provide precise control of the cutting length and speed, ensuring high-quality cuts and high efficiency.

straightener

cooling vent

Product Structure Diagram

Product Display