

Accurate Angle Cutting
Multifunctional Cutting Saw Adjustable 45/90°

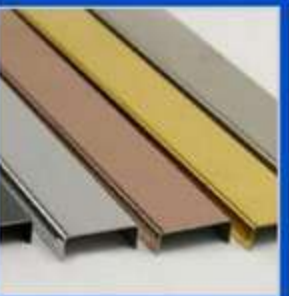
MC-315B

Pneumatic Automatic Pipe Cutter

- Steel Pipe
- Stainless Steel
- Carbon Steel
- Copper Aluminum
- Plastic etc

BOOK NOW





PRECISE CUTTING | STRONG POWER | BURR-FREE

• PRODUCT FEATURES

| | |
|---|--|
| 1 | Saw cut with no dust, no burr. |
| 2 | Use a high-speed circular saw blade saw cut, blade grinding can be reused. |
| 3 | The head can be rotated and diagonal. |
| 4 | Pneumatic clamping, pneumatic inlet knife, foot control, convenient operation, high efficiency. |
| 5 | Dual-speed motor, flexible to adapt to sawing different wall thickness materials. |
| 6 | Cutting speed over the band saw, bow saw. |
| 7 | Cyclic cooling, cool the blade, reduce the saw cutting temperature, and improve the service life of the blade. |
| 8 | First stage reducer, using a set of turbine worm, output torque. |
| 9 | The whole machine volume is small, exquisite structure, saving land area. |

• PRODUCT TECHNICAL PARAMETERS

| | | |
|----|----------------------------------|-------------------------------------|
| 1 | Saw cut motor | 2.4KW 50HZ Three-phase 380V |
| 2 | Water pump | 40w 50HZ three-phase 380V |
| 3 | Power Voltage | 380V 50HZ |
| 4 | Control Voltage | 110V |
| 5 | The maximum opening of the clamp | 120mm |
| 6 | Use the saw blade | φ 275 to φ 325mm, inner hole φ 32mm |
| 7 | The size of pin hole | 2 -- φ11*63mm |
| 8 | Main shaft speed | 60 / 120 rpm |
| 9 | Weight | 270 KG |
| 10 | Size | 1000*700*1500mm |

• SAW-CUT RANGE PARAMETERS

| No | Material Type | 90° Saw-cut size mm | 45° Saw-cut size mm |
|----|---------------|---------------------|---------------------|
| 1 | Round Tube | ≤ φ80*3 | ≤ φ70*3 |
| 2 | Square Tube | ≤ 80*80*2 | ≤ 70*70*2 |
| 3 | Angle Iron | ≤ 80*80*2 | ≤ 70*70*2 |
| 4 | Round Rod | ≤ φ35 | ≤ φ35 |
| 5 | Square Steel | ≤ 30*30 | ≤ 30*30 |

- Stainless Steel Round Tube
- Stainless Steel Decorative Strip
- Smooth Cut
- No Glitch
- Precision Cutting
- 45° Seamless Splicing

• MAIN COMPONENT

| No | Classify | Main Unit | Specifications | Vender |
|----|---|-------------------------|----------------------------------|--------------------|
| 1 | Machine Tool Department Component | Box | 315 | New space and time |
| 2 | | Handpiece | 315 | New space and time |
| 3 | | Saw-cut Motor | 2.4/3KW | Far East Witt |
| 4 | | Gear | 315 | Datong |
| 5 | | Turbine worm | 315 | New space and time |
| 6 | Gas Move Department Component | Bearing | 30309/30207/30305 30205/6005 | The Great Wall |
| 7 | | Air cylinder | 63*220*140*10 During Clamping | New space and time |
| 8 | | Two parts | AC3010 | Hongyuan |
| 9 | | Electromagnetic valve | 4V210-08/AC110V | Hongyuan |
| 10 | Electricity Gas Department Component | Speed control valve | 3/8 | Condor |
| 11 | | AC Contractor | NXC-12*110V | Chint |
| 12 | | Thermal relay | NXR-10A | Chint |
| 13 | | Combination Switch | M08C | Nine Chuan |
| 14 | | Overtravel-limit switch | YBLXK3-20S/Z | Chint |
| 15 | | Foot pedal | LT4 | On the middle |
| 16 | | Transformer | BK-50VA | Nine Chuan |
| | Mains switch | L02 | | |

• Overview

MC-315B metal circular saw machine is a semi-automatic sawing machine tool. It can saw metal profiles such as ordinary steel, stainless steel, copper, aluminum, etc. with various cross-sectional shapes, especially aluminum cutting various pipes is the most ideal. When sawing, in addition to manually feeding the material according to the required length (limitable), the rest of the workpiece is clamped, and the knife is fed for sawing; after cutting, the knife is retracted, and the clamp is released by the sequence of automatic control of electric oil and hydraulic pressure. This machine has the advantages of easy operation, low noise, no dust pollution, good sawing quality, no burrs inside and outside the cut, high production efficiency, and can beveled at various angles.

• Technical Parameters

1. Maximum Sawing Capacity :

| No | Material Type | 90° Saw-cut size mm | 45° Saw-cut size mm |
|----|-----------------|---------------------|---------------------|
| 1 | Circular Tube ○ | φ90 | φ70 |
| 3 | Square Pipe □ | 80*80 | 60*60 |
| 4 | Angle Iron L | 80*80 | 60*60 |
| 6 | Square Steel □ | 80*90 | 60*60 |

2. Clamping maximum clamping : 125mm

3. Suitable saw blade : outer diameter $\leq \Phi 315$, inner hole $\Phi 32$, pin hole 2X $\Phi 11 \times 63$

(see attached table for selection parameters)

4. Main motor : 2/4 pole changing 2.4/3kw

5. Cooling pump motor : 40W

6. Machine appearance : (length x width x height): 710*W610*H1350

7. Machine weight : about 280kg

8. Pneumatic pressure : 0.4~0.6Mpa

9. Voltage : 380V 50HZ

Saw Blade Parameter Selection Comparison Table

| Number of teeth | Pipe Wall Thickness | | | | | | | | | Bar Diameter | | | | |
|-----------------|---------------------|-----|-----|-----|-----|-----|-----|-----|-----|--------------|-----|-------|-------|-----|
| | 0.6 | 0.8 | 1.0 | 1.2 | 1.4 | 1.6 | 2.0 | 2.5 | 3.0 | φ19 | φ22 | φ25.4 | φ38.1 | φ50 |
| φ250 | 280 | 240 | 220 | 200 | 180 | 150 | 150 | 150 | 120 | 120 | 120 | 90 | 80 | 60 |
| φ275 | 280 | 280 | 240 | 220 | 200 | 200 | 180 | 180 | 150 | 120 | 120 | 90 | 90 | 64 |
| φ315 | 300 | 280 | 260 | 240 | 240 | 220 | 200 | 200 | 180 | 180 | 180 | 160 | 160 | 140 |

Automatic Water Cooling Cycle

All Copper Motor

Adjustable Head

Standard Scale

Cast Iron Handle

Manual Locking

Emergency Stop Button



• Coronet HSS Circular Saw