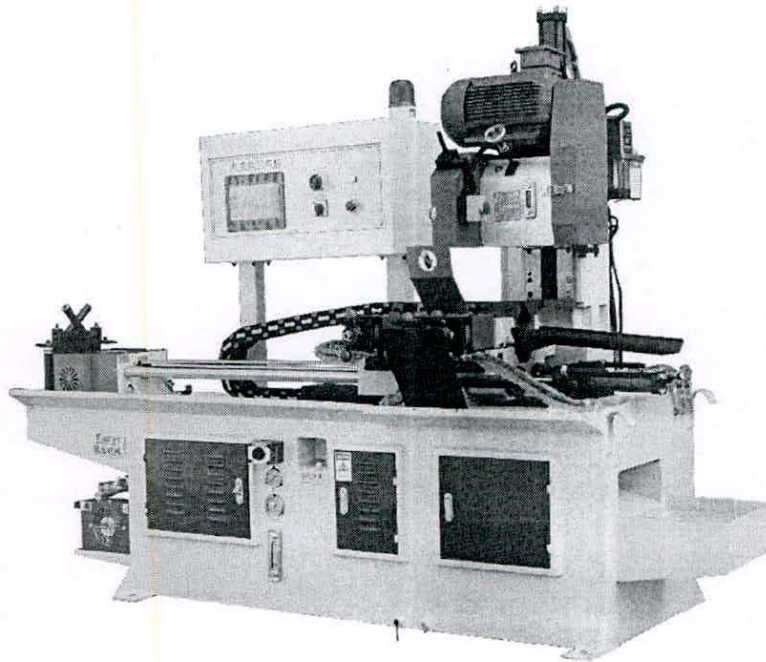


## YT-425CNC-3A-1000 Full Automatic Pipe Cutting Machine



*(The picture's for reference)*

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### **Contact Information:**

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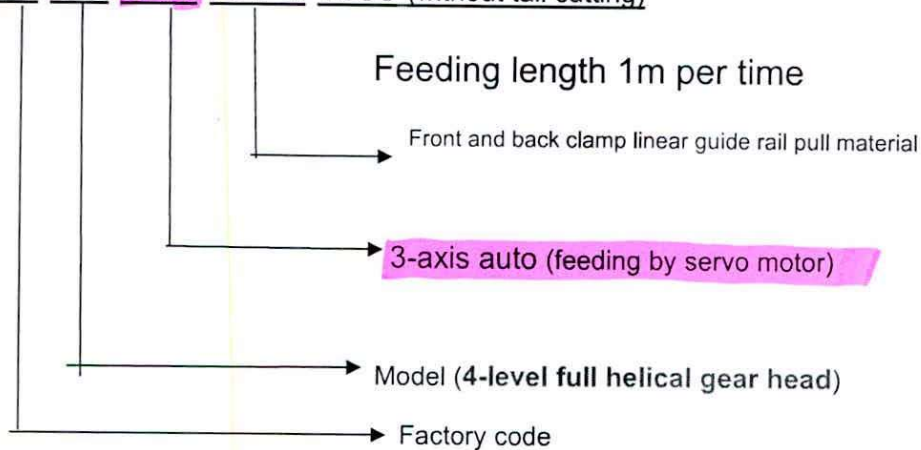
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## 1. Machine Introduction

**Machine name:** YT425CNC-ZZY-1000-L

Fully automatic feed type circular saw (without tail cutting)

**Model:** YT-425-CNC-ZZY-L-1000 (without tail cutting)

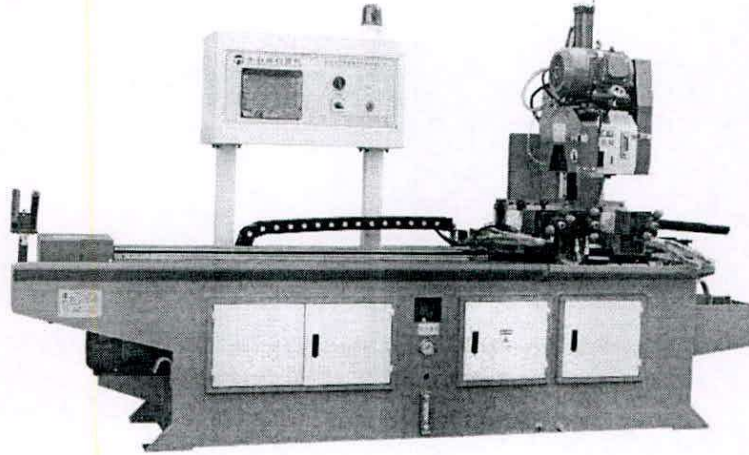


## 2. Technical Features

YT425 fully automatic hard rail slide feed type circular saw is a fully automatic feed type metal cutting machine developed by our company based on many years of actual cutting experience. This machine tool is easy to operate and maintain, has strong durability and has a cutting speed of 28/42/76/118 rpm per minute which clamps are specially designed by our company. There is no need to change the clamps when cutting materials of different specifications. It is very suitable for sawing various thicknesses of normal steel, stainless steel, copper, aluminum or metallic materials with different cross-sectional shapes.

This model is equipped with a programmable controller. It will set up a program and cooperate with automatic electrical components to repeatedly feed, hold, and cut materials in a rigorous and automatic cycle. In addition, special clamps can be designed in combination with actual workpieces to hold multiple pipes at the same time to complete the sawing. This greatly improves the function of the ordinary automatic pipe cutting machine that there is a piece of tail material at the end, which cannot be cut at one time, saving materials, time, and labor saving; after sawing, there are no material left which increases the yield of pipes and increases the output by multiple times.





Feeding Length:1000mm per time

No.	Item	Description
1	Motor power	Standard 3kw/4kw(with bigger motor power)
2	Voltage	380V 50HZ
3	Motor power for cooling pump	380v 90w
4	Max. Clamp Degree	160mm
5	Suitable Blade	Φ300~Φ450mm Φ400mm for standard
6	Pin hole size	2×Φ11×63*32 mm/2×Φ14×80*50mm
7	Remarks:	<ol style="list-style-type: none"> <li>1. All the required parameters of the equipment can be changed in the system operation panel to meet the production requirements</li> <li>2. Single cut diameter range: Φ60mm up</li> <li>3. 4 pipes cutting diameter range: Φ34-50mm</li> <li>4. 9 pipes cutting diameter range: Φ18-33mm</li> <li>5. 16 pipes cutting diameter range: below Φ16mm</li> <li>6. Special clamps can be customized. It is suggested to use separate clamp for diameter above 100mm.</li> </ol>

Item	Type	Max. Processing Dimension	Cutting position	Cutting angle
1	○	Φ160 mm *8mm	Straight	90°
2	□	120mm*120mm*6mm	Straight	90°
3	L	150mm*60mm*10mm	Straight	90°
4	●	Φ50mm	Straight	90°
5	■	45mm*45mm	Straight	90°
Remark	We can also customize the machine by customer request.			

### 3. Spare Part List

Item	Main Parts	Manufacturer
Mechanical	Machine tank	Yuetai
	Machine head	Yuetai
	Sawing motor	Chinese famous brand
	Water pump	Guanshun 120W
	Oil pump	Zhejiang
	Bearing	SKF/NSK
	Gear	Taiwan
	Ball screw rod	Taiwan TBI 32*20
	Linear Guides	Taiwan TBI 25-ZZ
Electrics	Solenoid valve	Shanghai/Taiwan
	Intermediate relay	Schneider
	thermal relay	Schneider
	transformer	Suomo/ 380/200V
	Proximity switch	Taiwan
	Contacter	Schneider
	Servo motor	Japan Mitsubishi 1.0KW



	Driver	Japan Mitsubishi 1.0KW
	PLC	Japan Mitsubishi FX3SA-30MT
	Touch Screen	Taiwan Weinlun 10 inch

#### 4. Quotation

No.	Name	Type	Quantity	Price	Remarks
1	Full Automatic Cutting Machine	YT-425CNC-3A-1000	1 SET	USD 11,200	Servo Feeding 3 sets of clamp
	Total Discount Price	EXW USD 10,500 valid till June 30, 2022			

#### 5. Equipment Installation & Use Environment:

5.1. The installation site is generally cement ground, which needs to be able to bear the weight of the equipment itself.

5.2. Power supply: 380VAC±10%, 50Hz±5%, three-phase four-wire grounding system AC.

#### 6. Installation, Commissioning & Training:

6.1 First test: the first test in to be held in Yuetai factory in China with the buyer's attendance.

Second test and installation: after machines arrive the buyer's factory, the seller will send technicians to the buyer's factory, who will be responsible for the test and installation. The flight fee and accommodation of the technicians is to be borne by the buyer. The buyer is to pay each technician USD100 per day as salary from the 1st day.

6.2. The training is carried out in Yuetai factory and the specific training content is as follows:

**Operator:** skilled operation of the equipment and basic sawing application, daily maintenance and maintenance of the equipment.

**Mechanic:** equipment maintenance, overhaul, simple troubleshooting of electrical and mechanical parts.

#### 7. Warranty & After-Sales Service

a. **Guarantee period and after-sales services:** 12 months since date of bill of lading.

During this guarantee period, Yuetai will provide spare parts without any charge in case of quality discrepancy caused by us. If the malfunctions are caused by your incorrect operations, Yuetai will provide the buyer spare parts at cost price.

**b. Long-term service:** Yuetai will charge the buyer cost price of spare parts beyond one year and provide long-term technical guide.

