

# YLM Laser Tube Series

## Single Chuck Suitable for cutting small diameter tubes / high cost performance



\* simple loading machine

### Features

- One pneumatic chucks
- Weihong control system
- Pull-type cutting function
- Change chuck mold according to tube typed

## 80 SPECIFICATION

ITEM	80
Processing Pipe Section Size Range	○ 20 ~ 80, □ 20×20 ~ 55×55 mm
Automatic Loading Tube Type	Round, Square
Laser Power	2 kw / 3 kw
Auto Loading Tube Length	6000 mm
Min. Waste Tube Length (According to different accuracy requirements)	40 mm
Auto Loading Type	simple loading machine
Loading Tube Type	○ □

· The above machine specification is subject to change without previous notice due to the continuous improvement of R&D.



## Double Chucks Design for different size of tubes / high performance



\* simple loading machine

### Features

- Two pneumatic chucks
- Bochu control system
- With dynamic servo support
- Five-axis laser head available (Optional)

## 120 / 160 / 220 SPECIFICATION

ITEM	120	160	220
Processing Pipe Section Size Range	○ 20 ~ 120 mm □ 20×20 ~ 80×80 mm	○ 20 ~ 160 mm □ 20×20 ~ 110×110 mm	○ 20 ~ 220 mm □ 20×20 ~ 155×155 mm
Automatic Loading Tube Type	Round, Square	Round, Square	Round, Square, Oval, Rectangle
Laser Power	2 kw / 3 kw	2 kw / 3 kw	3 kw / 6 kw
Auto Loading Tube Length	6000 mm	6000 mm	3500 ~ 6000 mm
Min. Waste Tube Length (According to different accuracy requirements)	80 mm	260 mm	260 mm
Auto Loading Type	simple loading machine	simple loading machine	standard loading machine
Loading Tube Type	○ □	○ □	○ □ △ ○ □

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## Three Chucks Three sets of pneumatic chucks / zero waste / saving material cost



\* standard loading machine

### Features

- Three pneumatic chucks
- Bochu control system
- With dynamic servo support
- Flipping plate auxiliary unloading short waste tube length

## 220 SPECIFICATION

ITEM	220 (3 Chucks)
Processing Pipe Section Size Range	○ 20 ~ 220 mm, □ 20×20 ~ 155×155 mm
Automatic Loading Tube Type	Round, Square, Oval, Rectangle
Laser Power	3 kw / 6 kw
Auto Loading Tube Length	5500 ~ 6000 mm
Min. Waste Tube Length (According to different accuracy requirements)	0 mm
Auto Loading Type	standard loading machine
Loading Tube Type	○ □ △ ○ □

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## Heavy Type Designed for cutting large diameter tubes



\* semi-automatic loading machine

### Features

- Three pneumatic chucks
- Chuck can cut the entire length
- Max loading weight ≤600 kg
- Chain-type auxiliary automatic unloading

## 360 SPECIFICATION

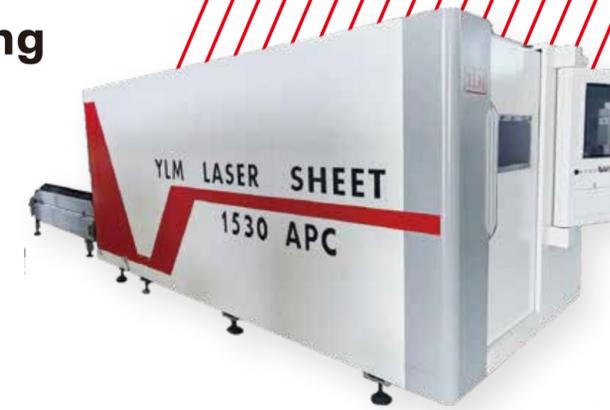
ITEM	360
Processing Pipe Section Size Range	○ 50 ~ 360 mm, □ 20×20 ~ 250×250 mm
Semi-Automatic Loading Tube Type	Round, Square, Oval, Rectangle, L/C/H Beam, Triangle
Laser Power	6 kw
Auto Loading Tube Length	12000 mm
Min. Waste Tube Length (According to different accuracy requirements)	0 mm
Auto Loading Type	semi automatic loading
Loading Tube Type	○ □ □ ○ △ I L U □

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# YLM Laser Sheet Series

## Sheet Laser Cutting

The first choice for sheet metal cutting diversified cutting



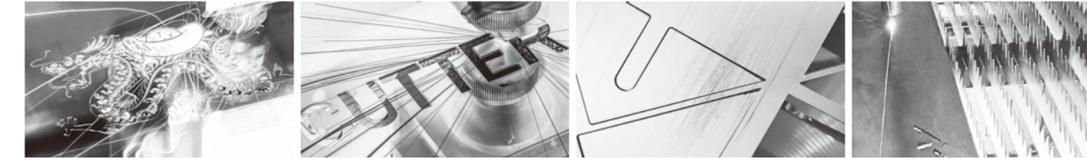
### Features

- Operates using a touch panels
- Bochu control system
- With exchange platform
- Directly import specified CAD files for cutting

## 1530APC / 2040APC SPECIFICATION

ITEM	1530APC	2040APC
Machine Size	8700 x 2250 x 2350 mm	10260 x 4663 x 2658 mm
Loading Weight	750 kg	2000 kg
Working Area	1500 x 3000 mm	2000 x 4000 mm
X / Y axis Positioning Speed	90 m/min	80 m/min

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## Sheet Automatic Storage System

### Features

- 6 / 8 / 10 layer shelves design for customer
- Storage is tight and orderly
- Automatic loading and unloading



## SPECIFICATION

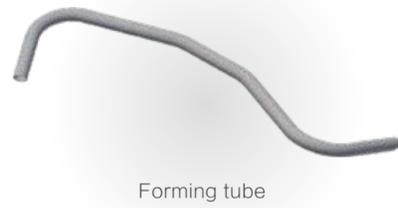
ITEM	
Thickness Range of Plates	0.6 ~ 16 mm
Specifaion	1500 x 3000 mm / 2000 x 4000 mm
Single Plate Load	Can Accept Customized
Allowable Plate Warpage Height	3 mm
Max. Loading of Each Layer	3 ~ 5T

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# YLM Laser Forming Tube Series

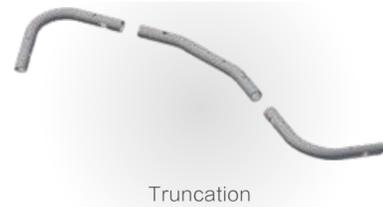
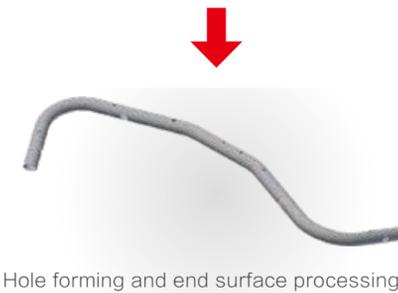
## Robotic Arm Laser Cutting

Suitable for cutting small diameter pipes / high cost performance



### Features

- Suitable for pipes after cutting and forming
- Robotic arm laser cutting use to hole forming and end surface processing
- Laser ring cutting machine use to truncation
- PLC control system



### SPECIFICATION

ITEM	ROBOTIC ARM LASER CUTTING	LASER RING CUTTING MACHINE
Laser Power	1 kW - 3 kW	2 kW
Working Area	1400 x 1200 x 1000 mm	Ø20 - 80 mm
Machine Size	3800 x 5800 mm	1920 x 2100 x 1850 mm
Maximum Thickness	6 mm Mild Steel	3 mm Mild Steel

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