

金运激光
GOLDEN LASER

VTOP
唯拓激光



P2060(A)/P3080(A) High-end CNC Pipe Laser Cutting Machine

P2060A/P3080A • Machine Parameters



Processing size of tube and profiles



- Round tube: diameter 20–200mm/30–300mm
- Rectangle tube: Diagonal length 20–200mm/30–300mm



Tube loading weight

- 25kg/m



Processing tube length

- 6000mm/8000mm



Processing tube type

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



Load Pro tube size

- 800mm*800mm*6000mm/800mm*800mm*8000mm



Max. loading weight of the Load Pro

- 2.5T

P2060A/P3080A • Machine Configuration and Features

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.

Eay 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.

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.



Cast chuck base

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



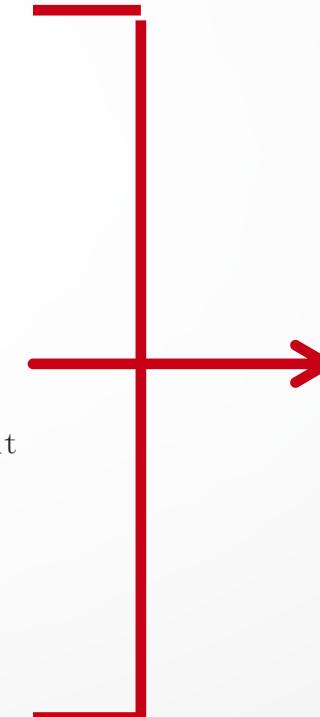
Embedded installation of chuck and servo motor

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



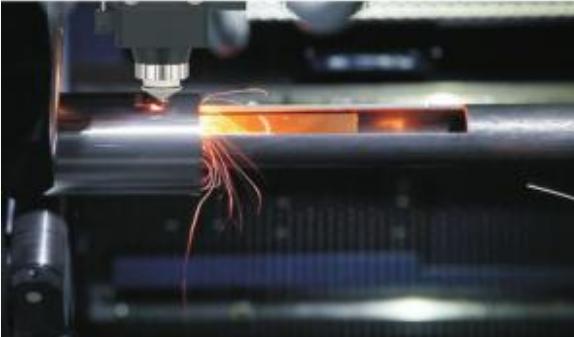
Ultra-long stroke jaws

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



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

P2060A/P3080A • Optional fFunctions



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.

P2060A/P3080A • Applied Industries



家具
furniture



医疗器械
medical device



健身器材
fitness equipment



展具
display shelf



汽车行业
Automobile industry



农林机械
farm machinery



消防管道
Fire pipe



钢架结构
Steel frame structure



石油勘探
oil exploration



桥梁
bridge



船舶
boating



构件
structure parts