

Line Boring Machine



Features

- Alloy Steel Body, Compact structure, Light weight, easy to carry out.
- Small working radius, it can be adapted to variety of the narrow space, high-altitude complex processing needs.
- Boring bar is made of high-intensity alloy steel, high strength. Different connect head, can achieve different processing.
- Such as pipe face processing, flanges face processing, bore weld etc.
- Machine is widely used in the processing and repair of excavators, loaders, crawler cranes and large marine cranes.

| Model | Boring Diameter | Rotation Speed | Feed Stoke | Single Side Feed Volume |
|-------|-----------------|----------------|--------------------------------|-------------------------|
| | mm | r/min | mm | mm |
| 50 | 55-300 | 0-118 | 400 | 0-2 |
| 60 | 65-600 | 0-118 | 500 | 0-2.5 |
| 90 | 100-800 | 0-78 | 600 | 0-3 |
| 110 | 180-900 | 0-62 | According to boring bar length | 0-3 |
| 150 | 220-1000 | 0-55 | | 0-3 |
| 200 | 380-1200 | 0-38 | | 0-3 |
| 300 | 460-1600 | 0-28 | | 0-3 |

Driven: SBS (Servo Motor-Electric), SBH (Hydraulic)
 Note: other boring diameter, other driven and bar length can be customized.

Line Boring Machine

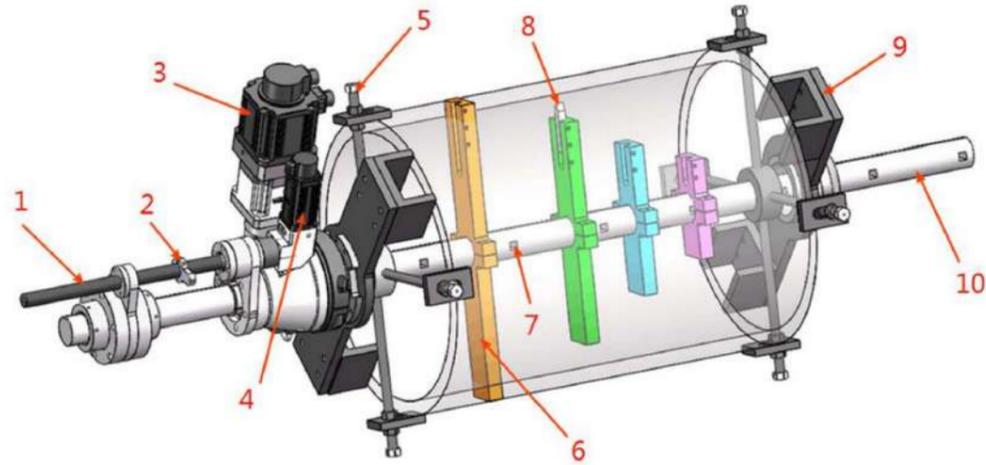


- Roughness: Ra 1.6-3.2
- Accuracy: ±0.1-0.5mm
- Installation Method: Welding
- Line Boring Bar Length: 2m(standard)



Our line boring machines is equipped with a rotating structure design and an automatic feeding device, which makes it easy realize the forward and backward exchange, the feed speed can be adjusted freely, and high precision is possible and efficient processing. Powerful processing ability can easily face shaft pins of construction machinery machining of holes, hinged holes, connecting holes for turbine wheels, pumps, valves, and pipe inner holes and repair, add different accessories, complete the end face processing, inner and outer circle surfacing, and the inner and outer circle. The automatic hole repairwelding machine can also realize boring and welding in one body after perfect docking.

Machine Composition Architecture



(Take the Model 60 machine as an example)

| Number | Parts Name | Number | Parts Name |
|--------|----------------------|--------|-------------------|
| 1 | Feed Screw Rod | 6 | Tool Holder |
| 2 | Feed Limit Block | 7 | Cutter Hole |
| 3 | Machine Driven Motor | 8 | Boring Bar Cutter |
| 4 | Feed Motor | 9 | Support Base |
| 5 | Center Device | 10 | Boring Bar |

According to the size of the inner hole of the workpiece, choose a suitable tool holder (Number 6)



Packing List

| | |
|----|--------------------------------------|
| 1 | Servo Motors |
| 2 | Control Box |
| 3 | Gear Box for Main Engine |
| 4 | Remote Control |
| 5 | Line Boring Bar (Length of 2 meters) |
| 6 | Feeding Device |
| 7 | Host Supporting Seat |
| 8 | Rear Support Seat |
| 9 | Tool Holder |
| 10 | Positioning Device |
| 11 | Boring Blades |
| 12 | Inner Hexagon Wrench |
| 13 | Wrench |
| 14 | Quality Certificate |
| 15 | Operation Instruction |



Support Base

The machine is equipped with a set of support bases. The support seat can be adjusted according to different working conditions install and fix by welding.



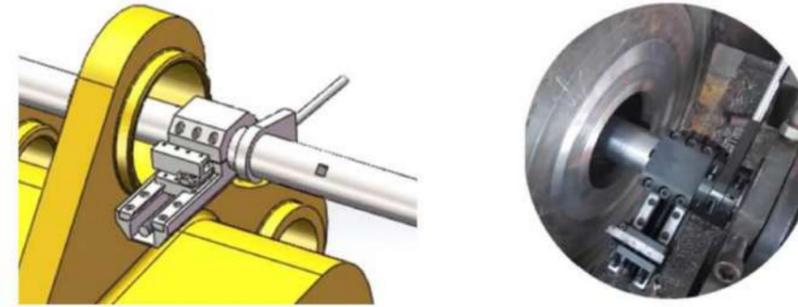
Digital Measuring Scale

The line boring machine is equipped with a digital measuring scale, which can accurately measure the size of the boring tool out of the boring bar and improve the processing accuracy.



Selection of Accessories: Facing Holder

This tool is capable of repair facing.



Selection Accessories: Automatic Welding Device

Achieve automatic welding of inner holes

