

LINE BORING MACHINE

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 repair welding machine can also realize boring and welding in one body after perfect docking.



Feature :

- 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
- Can selected 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.



Machine specification

Model	Boring Diameter	Rotation Speed	Feed Stroke	Single Side Feed Volume
50	55-300mm	0-118 r/min	400mm	0-2mm
60	65-600mm	0-118 r/min	500mm	0-2.5mm
90	100-800mm	0-78 r/min	600mm	0-3mm
110	180-900mm	0-62 r/min	According to boring bar length	0-3mm
150	220-1000mm	0-55 r/min		0-3mm
200	380-1200mm	0-38 r/min		0-3mm
300	460-1600mm	0-28 r/min		0-3mm
Driven : LBS (Servo Motor – Electric) ; LBH (Hydraulic)				

Roughness: Ra 1.6-3.2

Accuracy: +- 0.1-0.5mm

Installation method : welding

Line boring bar length: 2 meters (standard)

Note: other boring diameter , other driven and bar length can customize.

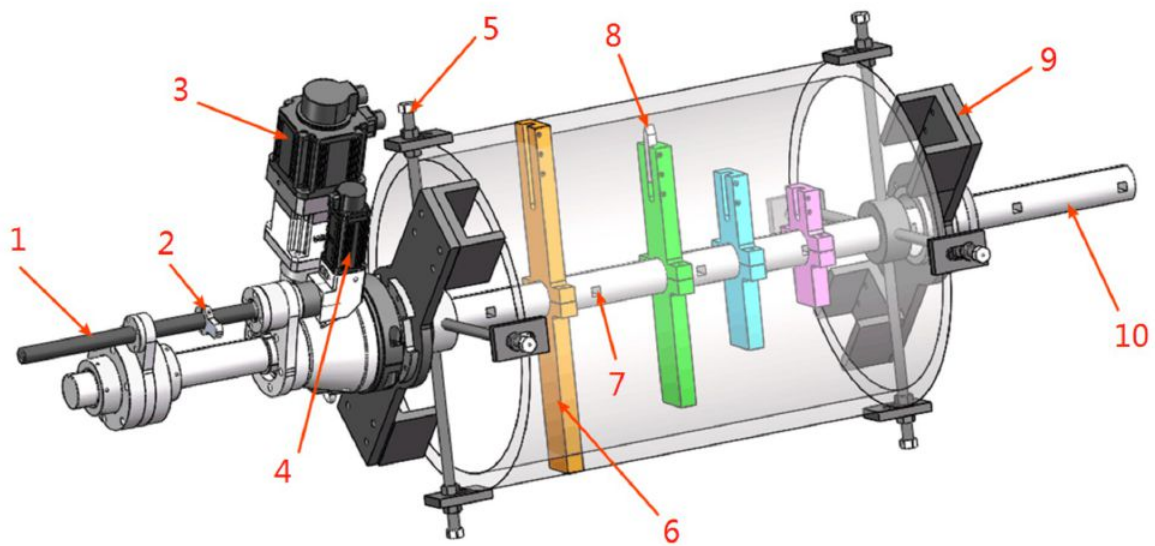


Packing list

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



Machine composition architecture



(Take the 60 model machine as an example)

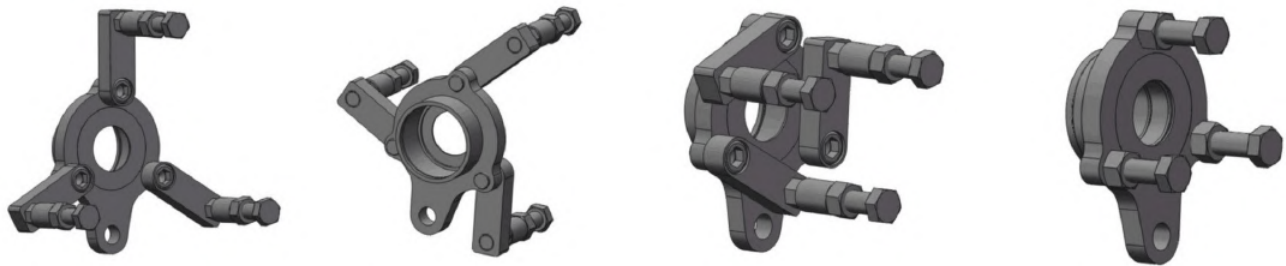
No	Parts Name	No	Parts Name
1	Feed Screw Rod	6	Tool Holder
2	Feed Limit Block	7	Cutter Hole
3	Machine Driven Motor	8	Boring Bar Cutter
4	Feed Motor	9	Support Base
5	Center Device	10	Boring Bar

According to the size of the inner hole of the workpiece, choose a suitable tool holder (No.6)



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



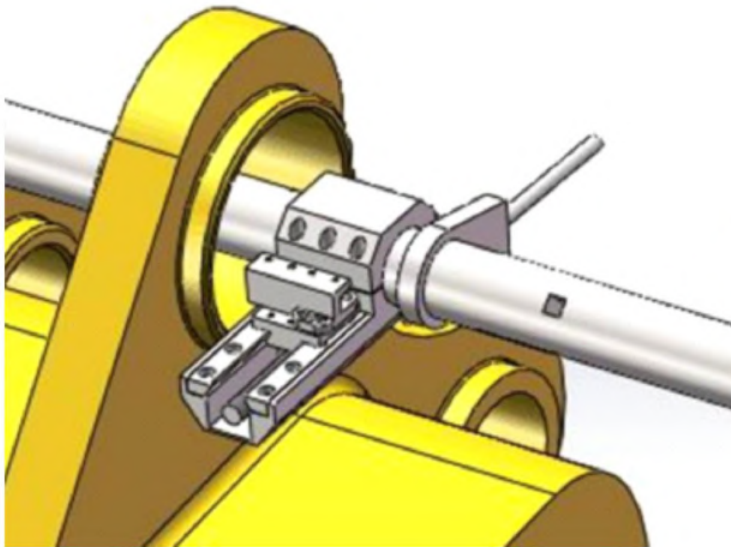
Digital measuring scale

The 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 accessories --- Facing holder

Can achieve repair facing



Selection accessories --- Automatic welding device

Can achieve automatic welding of inner holes

