TDG110 Line Boring

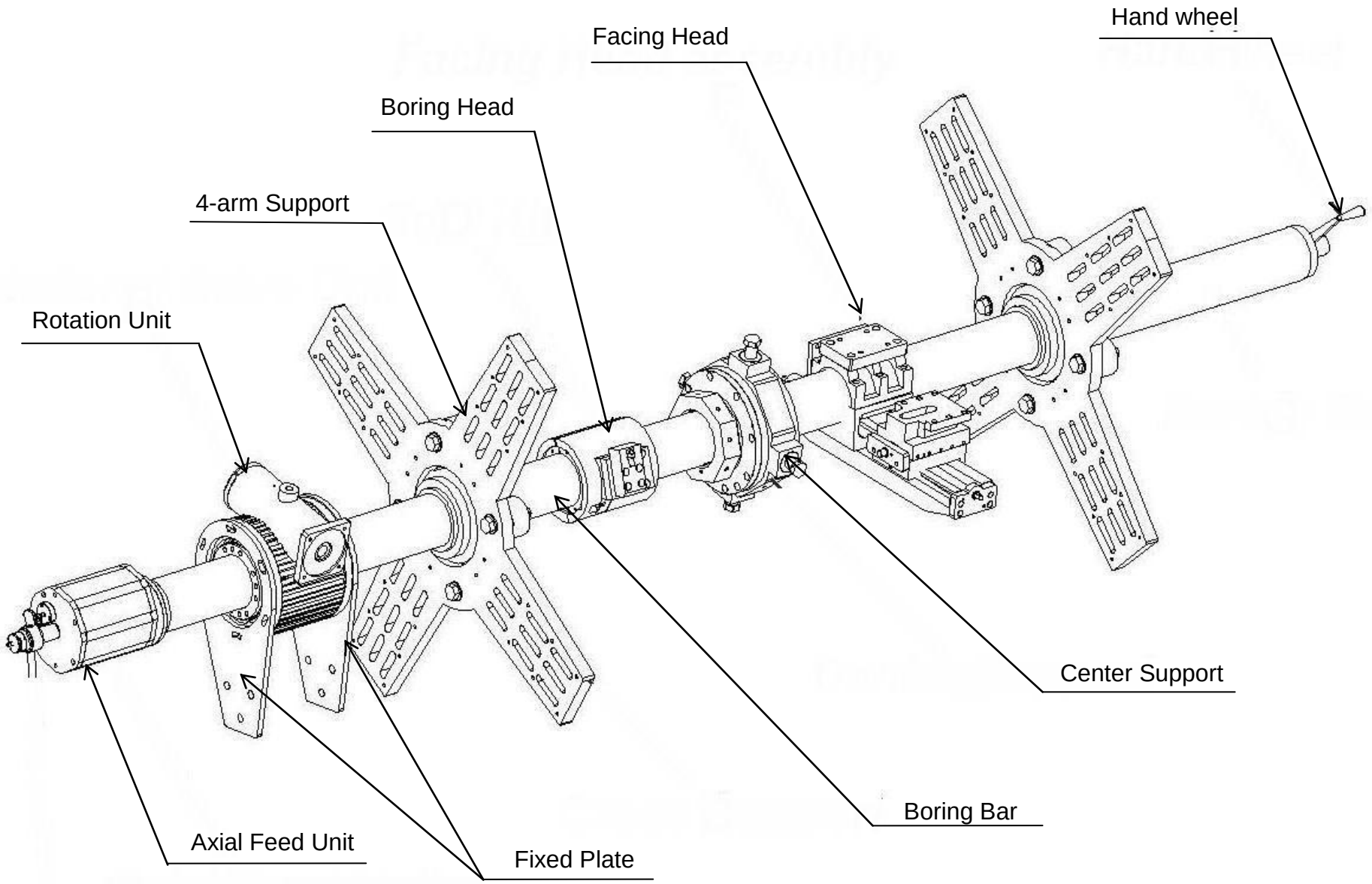


Used in processing inner hole, Big scaled ship fixed hole, ship axis hole, etc.it can be installed horizontally and vertically.

Technical Details:

- Boring bar diameter: 110mm
- Boring Diameter:220-900mm
- Boring bar rpm: 0-120
- Feed rate:0.16/0.28mm/rev
- Facing head feed rate:0.148/0.298mm/rev
- Power option: Servo motor、Hydraulic motor

TDG110 Line Boring Setup



Rotational Drive Unit / Axial Feed Unit



Rotation Drive Unit

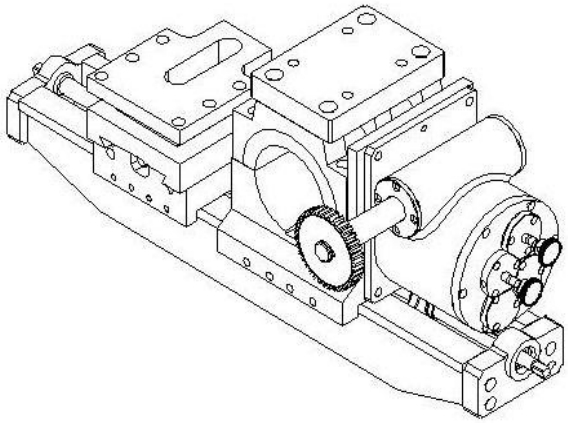
- Aluminum structure, has a good cooling effect
- Mounts anywhere on the bar
- 3:1 gear reduction ratio(standard)



Axial Feed Unit

- Automatic feed travel depends on boring bar length
- Can be installed at any end of the boring bar
- Mechanical feed, feed rate per revolution:0.16/0.28mm/rev

Facing Head / Boring Head



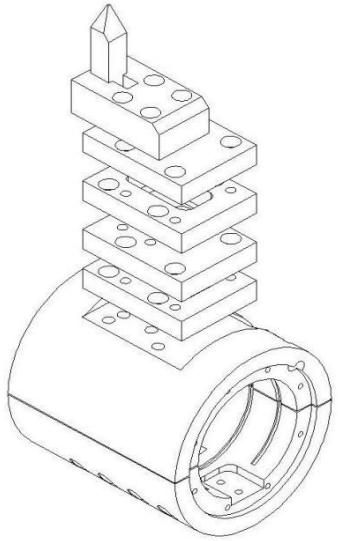
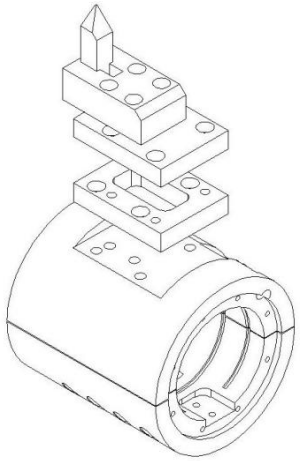
Facing Head

- Mechanical feed, feed rate per revolution:0.16/0.28mm/rev
- Mounts anywhere on the bar
- Can be customized according to your request size



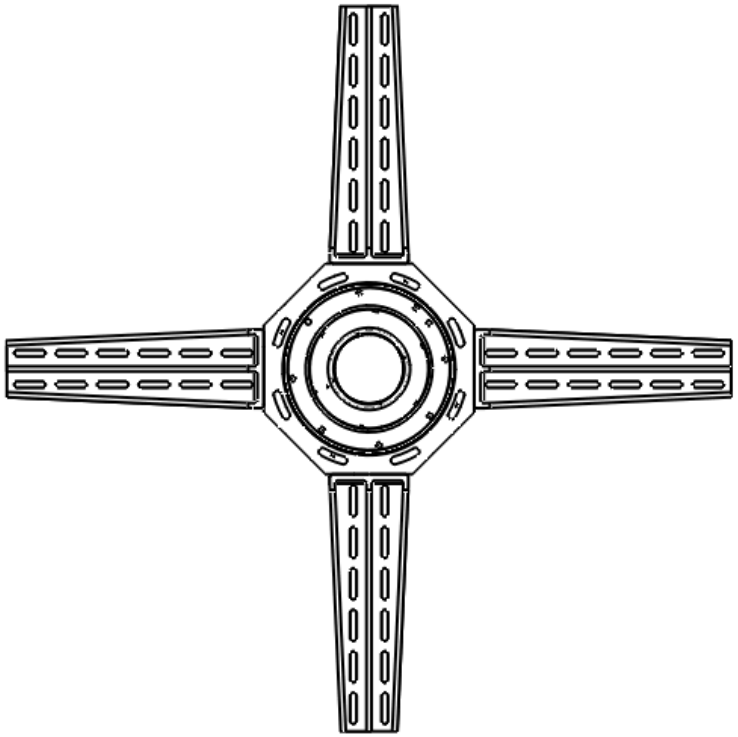


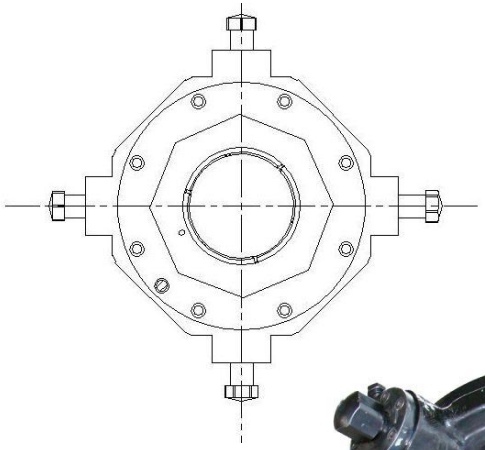

Boring Head

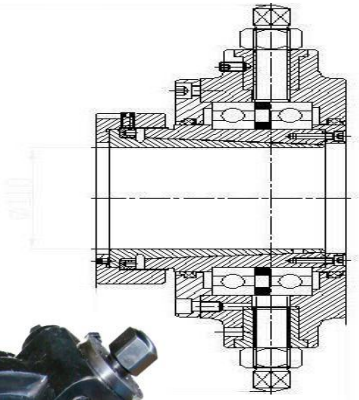




- Inner sheathed copper plating, effectively protecting the boring bar.
- Increase the cushion blocks, to meet the different needs of boring.

4-arm Support / Center Support





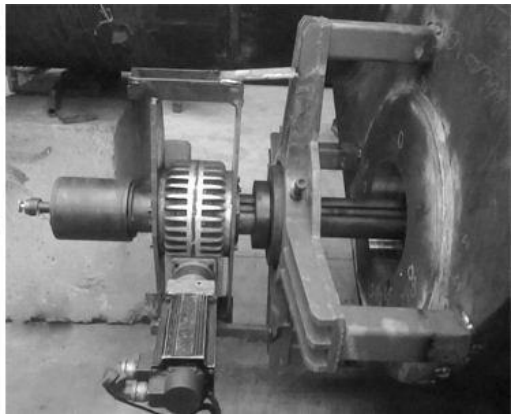












Boring Bar / Hydraulic Power Unit

Boring Bar



Please choose the length of boring bar:

- Ø110mm*2000mm.
- Ø110mm*3000mm.
- Ø110mm*4000mm.
- Ø110mm*5000mm
- Ø110mm*6000mm

➢ All bars are made of 42CrMo chrome-plated steel.

Hydraulic Power Unit



1	Hydraulic power unit, 10HP(7.5KW),38L/min
2	Hydraulic power unit, 15HP(11KW), 38L/min
3	Hydraulic power unit, 20HP(15KW), 38L/min
4	Hydraulic power unit, 25HP(18.5KW), 60L/min

Note:

remote control box can achieve operation from some distance away, with high safety. The voltage of control wire is 24V, and the length is 5 meter.

CONFIGURATION SELECTION LIST

Dear sir:

Thanks for your attention and we are honored to introduce you when selecting boring machine, and we look forward to a great cooperation with you!

1. Select Rotational unit and Feed unit.
2. Select a boring bar
3. Select a boring head
4. Select a Mounting option
5. Select a Power unit
6. Select a Facing Diameter

1. Select type of support, 4 arm support is recommended for big hole boring, Usually fixed at both ends, and One set contains two support, please make clear the number of supports you need.
2. Facing head device can be selected based on your needs, please clarify the dimension of flange facing.
3. If you need the Taper boring unit, pls tell me.

Please fill the form,and send back to JOYSUNG(DTH), in

Item	Description	Data	Qty
1	Rotational unit	6:1 gear reduction ratio	
2	Feed unit	0-0.5mm/rev	
3	Boring bar	Ø110mm*2000mm	
		Ø110mm*3000mm	
		Ø110mm*4000mm	
		Ø110mm*5000mm	
		Ø110mm*6000mm	
4	4-arm support	One set contains two support	
5	Center support		
6	Boring head	Ø 180-800mm	
7	Facing head	Ø300-900mm	
8	Hydraulic unit	10HP(7.5KW),38L/min	
		15HP(11KW), 38L/min	
		20HP(15KW),38L/min	
		25HP(18.5KW),60L/min	
9	Hydraulic drive motor	BG80	
		BG100	
		BG130	
		BG160	
		BG200	