

A powerful line boring machine that can be customized to suit your needs



JRT110 portable boring machine is powerful and mainly used for line boring and facing operations. Since JRT110 is versatile and convenient, it is widely used in many industries such as repairing the inner wall of the pipes, crane rotary holes, stern shaft holes and rudder holes. It features one-time install to ensure the coaxiality of the holes. The line bring machine is composed of hydraulic motor, bearing supports, axial feed unit, boring bar, tool holder, facing unit and rotational drive unit, etc.

- **Hydraulic Motor and Rotational Drive Unit**

The rotational drive unit mounts anywhere on the boring bar for maximum setup flexibility. The hydraulic motor is powerful and small in volume.

- **Axial Feed Unit**

The axial feed unit is on the end of boring bar and it is driven by a screw mechanism without using a single motor. This design makes operation easy. The feed speed is infinite variable, so you can select suitable feed speed according to your work.

- **Bearing Support**

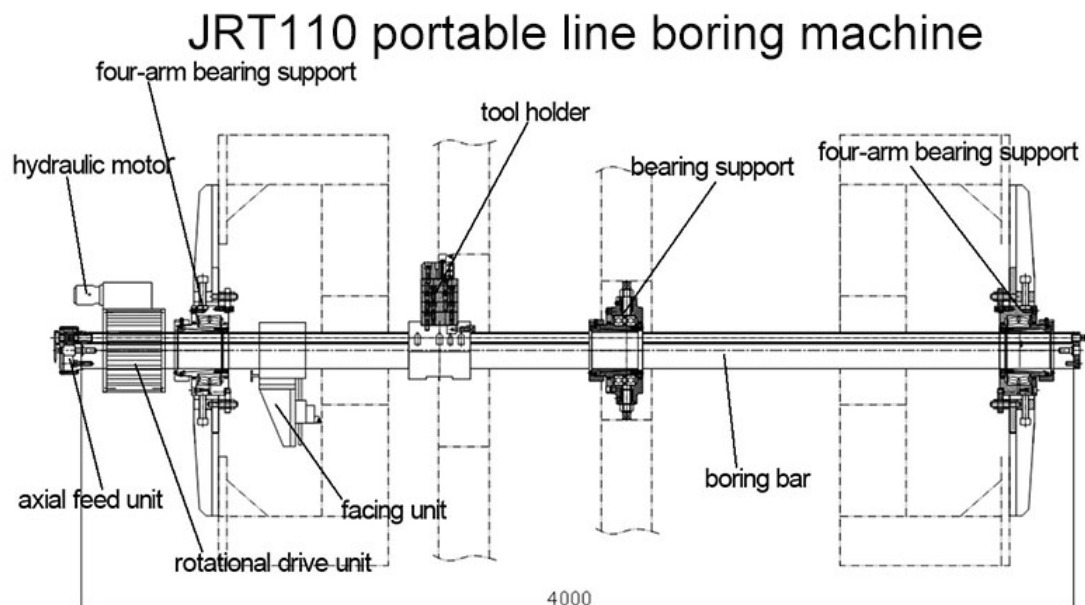
There is a high precision bearing in the support unit. Each supporting leg is individual adjustable, allowing you quickly center the mounting inside bores which are not completely round. The inner diameter of the bearing can be adjusted.

- **Tool Holder**

Split tool carrier may be positioned anywhere along the bar. A threaded key drives the tool holder along bar during boring operations.

- **Facing Unit**

This rugged, heavy-duty facing head has a very high removal rate in handling large diameter facing jobs with ease. The facing head mounts on anywhere along the bar and feed speed is also infinite variable so you can select suitable feed speed according to your work.



## Technical Details

Boring Bar Diameter	110mm (4.33 inches)
Length of standard boring bar	3000mm (118 inches) (Customizable)
Boring Diameter	170-1000mm (6.69-39.37 inches)
Power unit	Hydraulic Motor
Axial feed speed	0-0.6mm (0.024 inches)/r (variable speed change)
Facing Diameter	170-1000mm (6.69-39.37 inches)
Facing Feed Per Revolution	0-0.6 mm/r (0-0.023 inches/r)

## Standard Accessories and Components

Boring bar $\Phi 110 \times 3000$ mm (4.33*118 inches)	1 Pc
Rotational drive unit (RDU)	1 Pc
Axial feed unit (AFU)	1 Pc
End Mount Bearing Support Assembly (with spherical bearing)	2 Sets
ID mount self-aligning bearing support assembly	1 Set
Tool carrier	1 Set
Safety ring	1 Pc
Hydraulic motor	1 Pc
Hydraulic station(electric motor and oil tubes included)	1 Set
Facer for boring machine(Optional-not include in standard pack)	1 Set
Bolts and nuts	1 Set
Tools for assembly and installation of the machine	1 Set
Tool case	1 Pc
Cutting tools	2 Pcs
Dial indicator	1 Pc
Spare parts	2 Pcs
Operating Manual	1 Pc



