

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



BB60 Portable Line Boring Machine is a compact, versatile and powerful line boring machine in the first class of the world. Easy to set up, designed to get tough jobs done relatively easy. Easily configured for difficult machining applications.

- Aluminum alloy shell machinebody, weight only 13Kg.
- The boring bar through the machine-body to ensure the coaxiality of the machine-body and the boring bar. The machine-body can be installed at any position of the boring bar. This feature allows BB50 can be setup in a tight space.
- The patented feed mechanism is a reliable and durable structure with almost no fault. Variable speed feed mechanism can achieve forward feed, reverse feed, and manual feed function
- Powerful AC 2.2Kw drive motor, variable speed control by a frequency converter. General motor, stable, easy maintenance. The connection between the motor and the Machine-body is convenient to disassemble, and the suitable motor can be replaced according to the local conditions. Optional power supply: 220V single phase or 380V three-phase power.
- Bearing mount assembly can be designed according to customers' needs. Adjustable mechanism ensure the coaxiality of the boring bar, machine-body and bearing mount assembly.
- Durable all closed aluminum alloy machine-body, gear oil is used to lubricate and cooling the gears.
- Advanced worm gear reducer, high efficiency and high torque output, cutting ability 8mm in the radius.
- The slotless structure avoids the bending deformation of the boring bar due to the machining stress.
- Feed stroke can be easily changed.
- Easy to operate with the remote controller. The electric control box is separated from the machine-body, avoiding the loosening of electric lines caused by the vibration during the machining process.

Technical Details

Boring Bar Diameter	60mm (2.36 inches)
Length of standard boring bar	2000mm (78.74 inches)(Customizable)
Boring Diameter	65-500mm (2.56-19.69 inches)
Power Unit	2.2 Kw electric motor
	220V single phase or 380V three-phase power
Axial feed speed	0-0.5mm/r (0-0.02 inches/r) (variable speed change)
Boring stroke	400 mm (15.75 inches)
Feed	Forward, Reverse, Manual
Boring bar speed	0-140rpm

Standard Accessories and Components

Boring Bar (Diameter*Length) 60×2000 mm (2.36*78.74 inches)	1 pc
Machine-Body	1 set
Setup Cones	4 pcs
Bearing Mount Assembly	2 pcs
Tool Holder	3 pcs
2.2Kw Electric Motor(Control Box Included)	1 pc
Tools	3 pcs
Dial Indicator (Magnetic Seat)	1 set
Spare Bolts	1 pc
Wrench Tool	1 set
Operating Manual	1 pc

Optional Boring Bar and Boring Rangs

Boring Bar	Boring Bar Diameter	Boring Diameters Range
40 Boring Bar	40×1500mm (1.57*59.06 inches)	45-200mm (1.77*7.87 inches)
50 Boring Bar	50×1500mm (1.97*59.06 inches)	55-250mm (2.17*9.84 inches)

