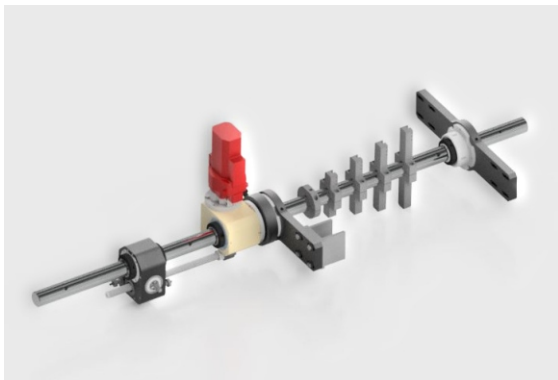


P O R T A B L E L I N E B O R I N G M A C H I N E

Our line boring machine with electric drive is the answer to your on-site line boring requirements. Using high precision worm gear, this light weight, compact and powerfull machine can bore holes between 62 mm and 550 mm.



KEY FEATURES:

- High quality, robust design
- Flexible and versatile
- Easy to set-up and operate
- CE-certified



Main drive

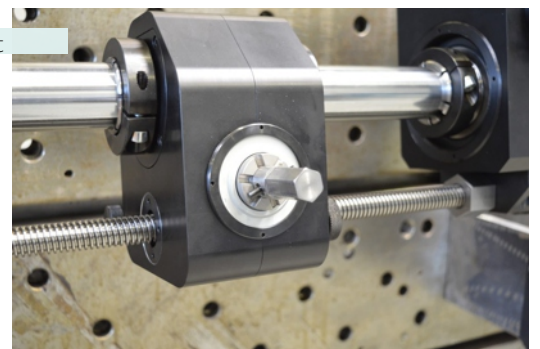
230 V Electric motor (4-speed-gear motor, DUSS® 2000 W):

- Speed Range (Boring bar) Gear I: ca. 18 - 30 rpm
- Speed Range (Boring bar) Gear II: ca. 30 - 52 rpm
- Speed Range (Boring bar) Gear III: ca. 55 - 90 rpm
- Speed Range (Boring bar) Gear IV: ca. 92 - 162 rpm

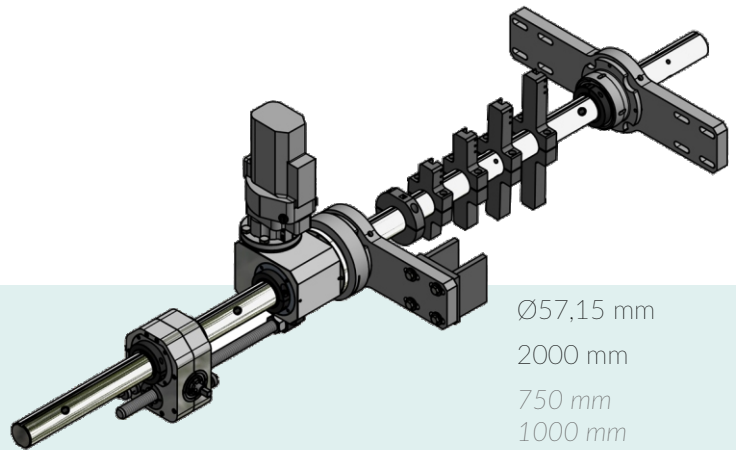
Axial feed unit

For automatic or manual feed with infinitely adjustable feed rate in both feed directions (forward / backward)

Feed rate: ca. 0,08 - 0,45 mm / rev



TECHNICAL DETAILS & INFORMATION



Bar-diameter

Bar length (included in a standard package)

Available bar lengths (to be ordered separately)

Ø57,15 mm

2000 mm

750 mm

1000 mm

1500 mm

2000 mm

2500 mm

3000 mm

4000 mm

Tool location in boring bars (square holes with fine adjustment):

12x12 mm

Machining range:

Ø62 - 550 mm

Bearing type for bar guidance

spherical

Mounting type (bracket)

1-arm / 2-arm

Number of mounting brackets with spherical bearings included in standard scope of supply

2

Main drive unit type included in standard scope of supply (4-Gear-Motor)

electric 230 V
(120 V available)

Other available drive options

*pneumatic
hydraulic*

Speed range (boring bar rotational speed) with electric motor

18 - 162 U/min

Bar torque max. (1st motorgear)

106 Nm

Electric motor comes with internal speed control and constant RPM control

Feed system type (for axial bar feed)

mechanic

Feed rate adjustable

infinitely adjustable

Feed directions

forward / backward

Feed rates

0.08 – 0.45 mm/U

Axial stroke options (different leadscrew lengths available)

300 mm

500 mm

750 mm

STANDARD SCOPE OF SUPPLY:

- Main drive unit
- Electric drive motor (230 V)
- Feed unit for axial bar feed
- Leadscrew for 300 mm axial stroke
- Boring bar Ø57,15 mm / l=2000 mm with square holes each 250 mm length
- Set of tool holders for covering the machining range up to Ø550 mm
- 2x Mounting bracket (1-arm) with installed spherical bearing
- Set of hand tools
- Instruction manual
- Shipping box