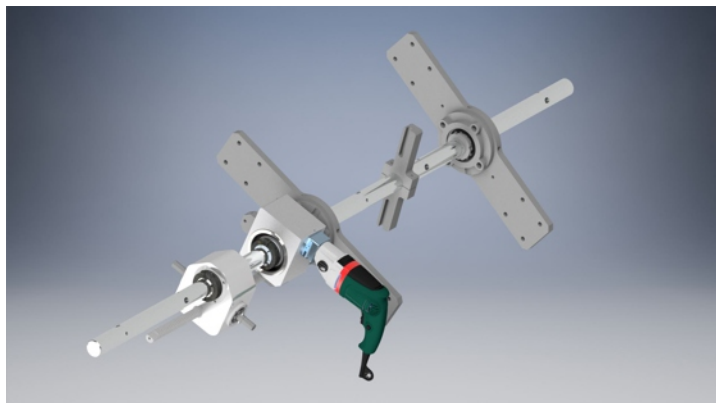


P O R T A B L E L I N E B O R I N G M A C H I N E

Our Line Boring Machine with electric drive is the answer to your on-site line boring requirements. Using high precision worm gearing, this light weight, compact and powerful machine can bore holes from 55 mm - 370 mm in diameter!

KEY FEATURES:

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



Rotary drive

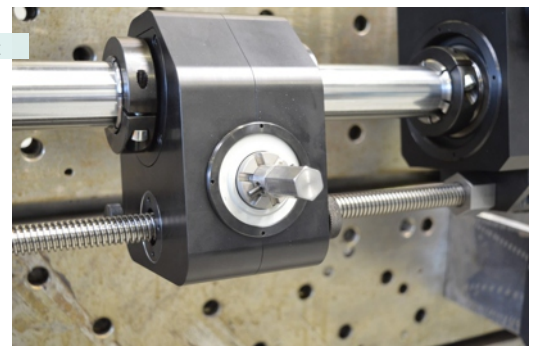
with 230 V electric motor (2-speed geared motor, metabo®, 1300 W):

- Speed range (boring bar) gear I: approx. 22 - 83 min⁻¹
- Speed range (boring bar) gear II: approx. 62 - 240 min⁻¹
- Torque (effective) gear I: max. 375 Nm
- Torque (effective) gear II: max. 175 Nm

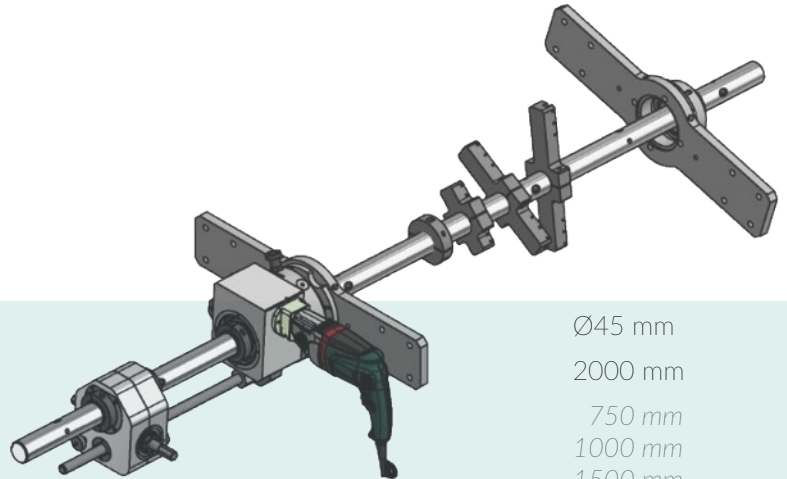
Axial feed unit

for automatic or manual feed with infinitely adjustable feed rate in both feed directions (FORWARD / RETURN).

Feed rate: approx. 0.08-0.45 mm / rev.



TECHNICAL DETAILS & INFORMATION



Bar-diameter

Ø45 mm

Bar length (included in standard package)

2000 mm

Available bar lengths (to be ordered separately)

750 mm
1000 mm
1500 mm
2000 mm
2500 mm
3000 mm
4000 mm

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

12 x 12 mm

Machining range

Ø50 - 370 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 drive type included in standard scope of supply (2-gear motor)

electric 230V
(120V available)

Other available drive options

pneumatic
hydraulic

Speed range (boring bar rotational speed) with electric motor

35-250 RPM

Bar torque max. (1st motor gear)

350 Nm

Electric motor comes with internal speed control and constant RPM control

-

Feed system type (for axial bar feed)

mechanical

Feed rate adjustable

infinitely

Feed directions

in / out

Feed rates

0 – 0.4 mm/rev.

Axial Stroke options (different leadscrew lengths available)

250 mm
500 mm
750 mm

STANDARD SCOPE OF SUPPLY:

- Main drive unit
- Electric drive motor (230V)
- Feed unit for axial bar feed
- Leadscrew for 250 mm axial stroke
- Boring bar Ø45 mm / l=2000 mm with square holes each 250 mm length
- Set of tool holders for covering the machining range up to Ø300 mm
- 2x Mounting bracket (2-arm) with spherical bearing installed
- Set of hand tools
- Instruction manual
- Shipping box