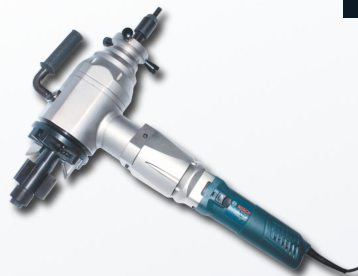


PORTABLE TUBE & PIPE BEVELLING · FACING · COUNTERBORING

PBM-4500

HEAVY DUTY · THICK WALL



PBM-4500

PBM-4500 · electric drive shown

Heavy-duty beveller for thick-wall tube — 39 to 114 mm.

The PBM-4500 is a heavy-duty machine built to bevel, face and prepare weld edges on thick-wall tube and pipe. Three drive options — including an 1800 W high-duty electric — deliver the torque needed for the most demanding materials.

- Self-centering expanding ID mandrel — torque-free clamping
- High-pressure cast-aluminium body, built for continuous duty
- Hardened tool-steel wedge jaws, quick-change across the range
- Facing, bevelling and counterboring in a single setup
- Precision-hardened feed shaft and gearbox, vibration-free
- X-ray-quality prep on stainless, duplex and Inconel — no rework
- Three drives incl. 1800 W high-duty electric (HD)
- Built for thick-wall tube and heavy weld prep

39 – 114 mm

ID CLAMPING RANGE

265 Nm

MAX TORQUE

from 17 kg

NET WEIGHT

3

DRIVE VERSIONS

TECHNICAL SPECIFICATIONS

by drive version

SPECIFICATION	ELECTRIC	ELECTRIC-HD	PNEUMATIC
Clamping range (mm)	39 – 114	39 – 114	39 – 114
Idle speed (rpm)	70	115	70
Max torque (Nm)	245	265	180
Feed stroke (mm)	40.5	40	40.5
Motor power	1020 W	1800 W	1.33 HP
Air pressure (bar)	—	—	6
Air consumption (cfm)	—	—	50 – 60
Net weight (kg)	18.0	27.0	17.0

CONFIGURATION & TOOLING

LOCKING SYSTEM

Expanding central mandrel + hardened tool-steel jaws

CUTTER HEADS

Interchangeable cutter head · specialized POB / PSTWR / PSWR heads

OVERALL SIZE (A×B×C)

Electric 525×450×126 · HD 670×450×126 · Pneumatic 630×450×126 mm

APPLICATIONS

BOILER TUBES · HEAT EXCHANGERS · CONDENSERS · PETROCHEMICAL · POWER GENERATION · facing · bevelling · counterboring · weld-seal removal

MODEL RANGE

internal-clamping · 20 to 609 mm · 8 models

PBM-1625

20–42 mm

PBM-3000

28–76 mm

PBM-4000

23–104 mm

PBM-4500

39–114 mm

PBM-8000

49–203 mm

PBM-12000

100–306 mm

PBM-18000

102–457 mm

PBM-24000

180–609 mm