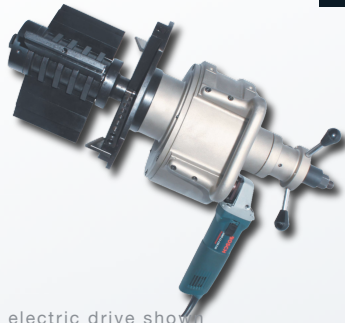


PORTABLE TUBE & PIPE BEVELLING · FACING · COUNTERBORING

PBM-12000

LARGE-DIAMETER INDUSTRIAL



PBM-12000

PBM-12000 · electric drive shown

Power and range for large pipe — 100 to 306 mm.

The PBM-12000 combines power and range in a light, portable design. A rugged, balanced machine with 6-point locking jaws, it bevels, faces and counterbores large tube and pipe in a single operation.

- 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
- 6-point locking jaws + Ø100 mm (4") heavy-wall shaft
- Bevels, faces and counterbores in one operation

100 – 306 mm
ID CLAMPING RANGE

230 Nm
MAX TORQUE

from 43 kg
NET WEIGHT

1-pass
BEVEL · FACE · BORE

TECHNICAL SPECIFICATIONS

by drive version

SPECIFICATION	ELECTRIC	PNEUMATIC
Clamping range (mm)	100 – 306	100 – 306
Idle speed (rpm)	31	35
Max torque (Nm)	230	180
Feed stroke (mm)	50	50
Motor power	2000 W	0.88 HP
Air pressure (bar)	—	6
Air consumption (cfm)	—	—
Net weight (kg)	44.0	43.0

CONFIGURATION & TOOLING

LOCKING SYSTEM

6-point locking jaws + expanding mandrel ·
Ø100 mm (4") heavy-wall shaft

CUTTER HEADS

8" standard cutter head + expandable holders ·
bevel · face · counterbore

OVERALL SIZE (A×B×C)

Electric & Pneumatic 325 × 700 × 310 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