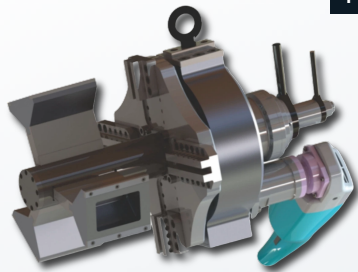


PORTABLE TUBE & PIPE BEVELLING · FACING · COUNTERBORING

PBM-18000

OIL & GAS PIPELINES



PBM-18000

PBM-18000 · electric drive shown

Heavy-duty pipeline beveller — 102 to 457 mm.

The PBM-18000 is a new-generation heavy-duty facing and bevelling machine for the piping industry. Rugged and balanced, with 6-point locking jaws and a heavy-duty lifting pendant, it delivers high productivity on large oil & gas pipelines.

- 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 + heavy-duty lifting pendant
- New-generation machine for large-diameter pipelines

102 – 457 mm
ID CLAMPING RANGE

1,266 Nm
MAX TORQUE

90 kg
NET WEIGHT

6-point
LOCKING JAWS

TECHNICAL SPECIFICATIONS

by drive version

SPECIFICATION	ELECTRIC	PNEUMATIC
Clamping range (mm)	102 – 457	102 – 457
Idle speed (rpm)	15	13
Max torque (Nm)	1,182	1,266
Feed stroke (mm)	60	60
Motor power	2000 W	2.6 HP
Air pressure (bar)	—	6.2
Air consumption (cfm)	—	85
Net weight (kg)	90	90

CONFIGURATION & TOOLING

LOCKING SYSTEM

6-point locking jaws + expanding mandrel · Ø102 mm (4") heavy-wall shaft

CUTTER HEADS

8" standard cutter head · facing, inside bevel & bore, outside bevel, J-prep

OVERALL SIZE (A×B×C×D)

476 × 686 × 385 × 508 mm · heavy-duty pendant

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