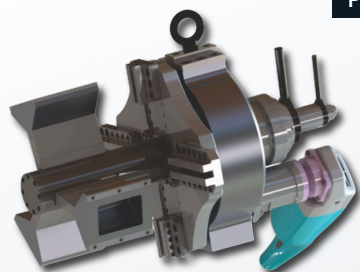


PORTABLE TUBE & PIPE BEVELLING · FACING · COUNTERBORING

PBM-24000

TOP OF RANGE · LARGEST PIPE



PBM-24000

PBM-24000 · representative image

Top-of-range beveller for the largest pipe — 180 to 609 mm.

The PBM-24000 is the top of the range: a rugged, balanced heavy-duty facing and bevelling machine for the largest oil & gas pipelines. Fully-contained 6-point jaws and a heavy-duty pendant deliver massive torque with controlled, precise end prep.

- 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
- Fully-contained 6-point jaws (no springs or O-rings)
- Heavy-duty pendant for the largest pipelines

180 – 609 mm
ID CLAMPING RANGE

3,376 Nm
MAX TORQUE

250 kg
NET WEIGHT

24"
MAX PIPE

TECHNICAL SPECIFICATIONS

by drive version

SPECIFICATION	ELECTRIC	PNEUMATIC
Clamping range (mm)	180 – 609	180 – 609
Idle speed (rpm)	13	10
Max torque (Nm)	1,400	3,376
Feed stroke (mm)	60	60
Motor power	2600 W	3.5 HP
Air pressure (bar)	—	6.2
Air consumption (cfm)	—	95
Net weight (kg)	250	250

CONFIGURATION & TOOLING

LOCKING SYSTEM

Fully-contained 6-point jaws + expanding mandrel · Ø180 mm (7") shaft

CUTTER HEADS

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

OVERALL SIZE (A×B×C×D)

600 × 975 × 500 × 674 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