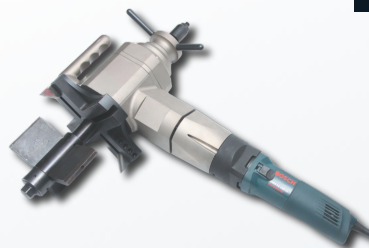


PORTABLE TUBE & PIPE BEVELLING · FACING · COUNTERBORING

PBM-8000

WIDE-RANGE HEAVY DUTY



PBM-8000

PBM-8000 · electric drive shown

High-torque beveller for wide-range pipe — 49 to 203 mm.

The PBM-8000 is a modular, ergonomically balanced machine that develops high torque for the toughest jobs. Innovative 6-point locking jaws grip the bore securely across a wide diameter range for safe, precise end preparation.

- 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 for secure heavy-wall grip
- Unique Ø50 mm (2") shaft for rigidity on heavy pipe

49 – 203 mm

ID CLAMPING RANGE

295 Nm

MAX TORQUE

from 21 kg

NET WEIGHT

6-point

LOCKING JAWS

TECHNICAL SPECIFICATIONS

by drive version

SPECIFICATION	ELECTRIC	ELECTRIC-HD	PNEUMATIC
Clamping range (mm)	49 – 203	49 – 203	49 – 203
Idle speed (rpm)	34	40	52
Max torque (Nm)	264	295	250
Feed stroke (mm)	40.5	40	40.5
Motor power	1100 W	1800 W	1.80 HP
Air pressure (bar)	—	—	6
Air consumption (cfm)	—	—	60 – 65
Net weight (kg)	22.0	30.0	21.0

CONFIGURATION & TOOLING

LOCKING SYSTEM

6-point locking jaws + expanding mandrel · unique Ø50 mm (2") heavy-wall shaft

CUTTER HEADS

Interchangeable cutter head · specialized heads available

OVERALL SIZE (A×B×C)

Electric 700×530×220 · HD 670×530×220 · Pneumatic 660×530×220 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