

PRO 10 PB

PORTABLE PIPE BEVELLER

- Large capacity heavy-duty I.D. mounted portable pipe bevelling machine
- Can be used efficiently by a single operator
- Self-centring expandable mandrels
- Can simultaneously perform 3 of the following operations - internal bevel, external bevel, J-groove bevel, face off, I.D. chamfer and counterbore
- Can be operated with just 1 cutting insert though optimal results are achieved by using 3 cutting inserts at once
- Available with either a pneumatic motor or high torque electric motor

Package Includes:

- PRO 10 PB Bevelling machine
- Electric or pneumatic motor
- Mandrel for pipe 84mm I.D. to 269mm I.D.
- Jaw block set no. 1 to 6
- Toolbox & tools
- Coolant bottle

Part No.	WA-PRO10PBA	WA-PRO10PBE
Motor	Pneumatic Motor 1.5kW	Electric Motor 1.8kW
Power Requirements	1750 l/min At 630 kPa	230V/50Hz
Spindle Speed	20rpm	2 Speed Gearbox With Electronic Var Speed 12 - 28; 41 - 96rpm
Overall Length	540mm	580mm
Weight (With Standard Mandrel)	32.0kg	36.0kg

Machine Working Range

PIPE BEVELLING & FACING RANGE - STANDARD

With Standard Equipment	I.D. 84 - 269mm, Tooling Reach 292mm
Maximum Wall Thickness	15mm

PIPE BEVELLING & FACING RANGE - WITH OPTIONAL ATTACHMENTS

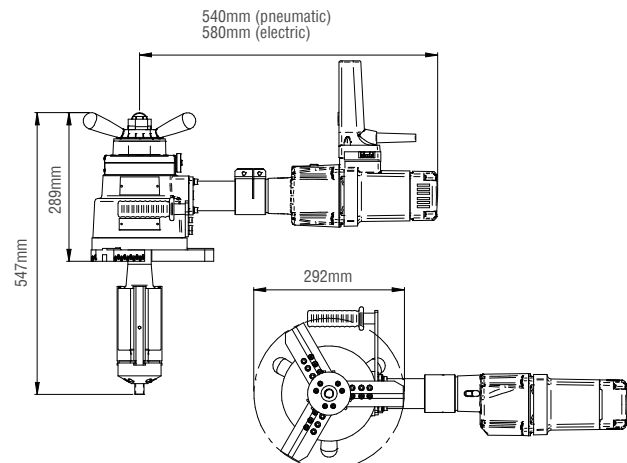
With Optional Small Expanding Mandrel Set (Part No. WAP-B10/510)	PIPE I.D. 38 - 86mm Tooling Reach 292mm
With Optional Large Expanding Mandrel Set (Part No. WAP-B10/540)	PIPE I.D. 126 - 296mm Tooling Reach 292mm
With Optional Range Increasing Set (Part No. WAP-B10/550) Recommended For Wall Thickness Up To 7mm	PIPE I.D. 192 - 365mm Tooling Reach 372mm

FLANGE TURNING RANGE - WITH OPTIONAL ATTACHMENTS

With Standard Mandrel & Optional Flange Turning Attachment (Part No. WAP-B10/520)	PIPE I.D. 84 - 269mm Turning Range 90 - 508mm
With Optional Flange Turning Attachment (Part No. WAP-B10/520) & Optional Large Expanding Mandrel Set (Part No. WAP-B10/540) & Optional Range Increasing Set (Part No. WAP-B10/550)	PIPE I.D. 219 - 392mm Turning Range 90 - 508mm

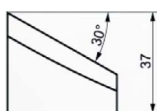


PRO 10 PB shown with electric motor

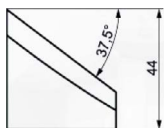


OPTIONAL CONSUMABLES

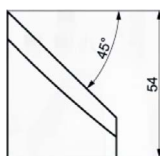
Bevelling Tool Bits



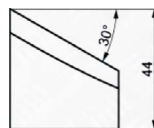
WAP-B10/B3037
30° External Bevelling
Tool Bit, Height 37mm



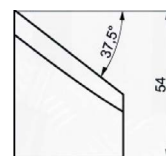
WAP-B10/B37544
37.5° External Bevelling
Tool Bit, Height 44mm



WAP-B10/B4554
45° External Bevelling
Tool Bit, Height 54mm

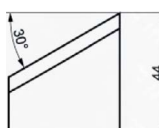


WAP-B10/B3044
30° External Bevelling
Tool Bit, Height 44mm

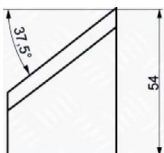


WAP-B10/B37554
37.5° External Bevelling
Tool Bit, Height 54mm

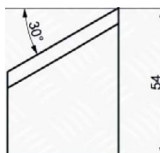
Internal Bevelling Tool Bits



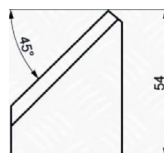
WAP-B10/IB3044
30° Internal Bevelling
Tool Bit, Height 44mm



WAP-B10/IB37554
37.5° Internal Bevelling
Tool Bit, Height 54mm

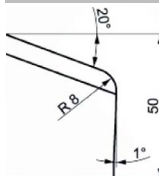


WAP-B10/IB3054
30° Internal Bevelling
Tool Bit, Height 54mm

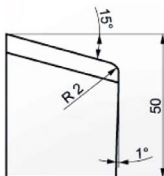


WAP-B10/IB4554
45° Internal Bevelling Tool
Bit, Height 54mm

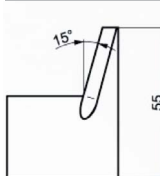
J-Bevelling Tool Bits



WAP-B10/J2050R8
20° J-Bevelling Tool Bit,
Height 50mm, Radius 8mm

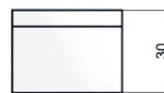


WAP-B10/J1550R2
15° J-Bevelling Tool Bit,
Height 50mm, Radius 2mm



WAP-B10/IC1555
15° Internal Chamfer
Tool Bit, Height 55mm

Facing Tool Bit



WAP-B10/F030
0° Facing Tool Bit, Height 30mm

PRO 10 PB OPTIONAL ATTACHMENTS

WAP-B10/510 SMALL EXPANDING MANDREL SET

- Enables machining of pipe 38 to 86mm I.D.
- 292mm tooling reach
- Includes jaw blocks No.1 to No.5



WAP-B10/540 LARGE EXPANDING MANDREL SET

- Specifically designed to be used with optional Flange Turning Attachment (WAP-B10/520) & Range Increasing Jaw Block Set (WAP-B10/550) for flange turning on pipe up to 392mm I.D. and turning range up to 508mm diameter
- 126 - 296mm I.D. with standard jaw block set
- 292mm tooling reach



WAP-B10/530 OVAL PIPE ATTACHMENT

Attachment for bevelling and facing oval shaped pipe. The spring-loaded guide roller rotates on the I.D. of the pipe, and allows the cutting insert to move in and out with the oval pipe up to 15mm.



Includes WAP-B10/540 Large Expanding Mandrel Set with package.

Specifications

- 84 - 269mm I.D. with standard jaw block set
- 126 - 296mm I.D. with Large Expanding Mandrel Set (WAP-B10/540)



WAP-B10/550 RANGE INCREASING SET

- Enables machining of pipe 192 - 365mm I.D. with standard mandrel fitted
- Recommended for wall thickness up to 7mm
- Jaw blocks No.7 to No.12 increase the pipe range to 192 - 365mm I.D.
- Includes 3 steel tool bit holders to increase the tooling reach to 372mm
- Supplied in a metal box



WAP-B10/520 FLANGE TURNING ATTACHMENT

Part# WAP-B10/520INSERT
(Indexable carbide insert to suit)

Flange turning attachment using indexable carbide inserts with cutting capacities 90 to 508mm diameter. The machine can mill inwards or outwards at a feed rate of 0.33mm or 0.66mm per revolution, using a bumper system to automatically feed the carbide insert with each revolution of the machine.



Specifications

- Minimum milling diameter: 90mm
- Maximum milling diameter: 508mm
- Feed rate: 0.33mm per revolution using 1 bumper or 0.66mm per revolution using 2 bumpers
- Recommended maximum milling depth: 0.5mm per pass
- Includes 6 carbide inserts & 2 screws

