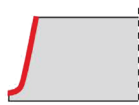


STEELBEAST®

JEI
Solutions
.....
Built for Industry

PB14

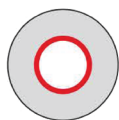
**PORTABLE PIPE
BEVELLER**



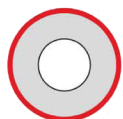
J-groove bevelling (option)



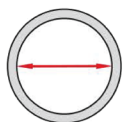
Max wall thickness 15mm



Pipe ID bevelling



Pipe OD bevelling



ID 84-349 mm

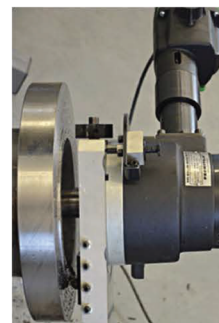


Facing off

THE PB14 IS A HEAVY DUTY, PORTABLE PIPE BEVELLING MACHINE DESIGNED TO CREATE A PERFECT WELD PREP EDGE PRIOR TO JOINING.

With the use of self-centering expandable mandrels, a quick and precise alignment can be achieved to pipe or tube machining. The PB14 is able to bevel, face off, ID chamfer, counterbore and produce a J-bevel, making all operations fast and economical.

Depending upon the operators preference and site conditions, the PB14 can be supplied with either electric (model PB14E) or Pneumatic (model PB14A) motor.



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STEELBEAST[®] CAPACITIES

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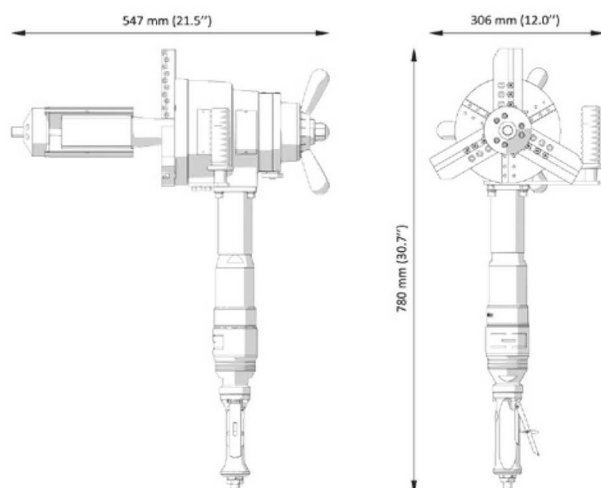


Wide range of accessories for multiple applications including flange facing and oval beveling. PB14 can be equipped with optional accessories according to customers' needs and preferences.

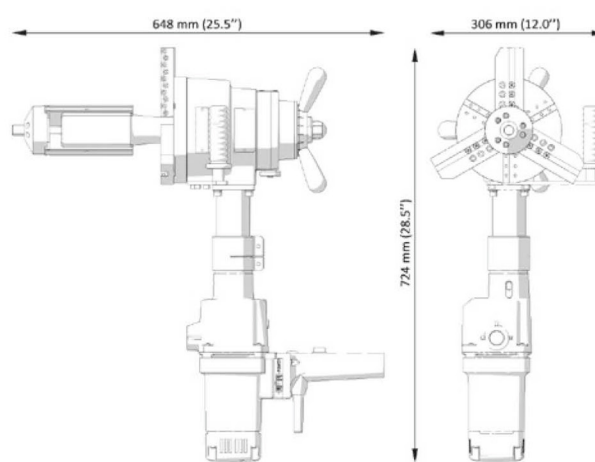
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Technical specifications	PB1 E with electric motor	PB1 A with pneumatic motor
Electric motor	1.8 kW	-
Supply	110-120 V / 50-60 Hz or 220-240 V / 50-60 Hz	-
Rotational speed (nominal)	gear 1-12 to 29 rpm	-
	gear 2-41 to 96 rpm	-
Pneumatic drive	-	1,8 kW
Air requirement	-	0,6 MPa
Air consumption	-	1750 NI/min
Rotational speed (without load)	-	17 rpm
Rotational speed (nominal)	-	9 rpm
Min ID	84 mm (3.31"); 38 mm - option	84mm (3.31"); 38mm - option
Max ID	349 mm (13.74")	349 mm (13.74")
Max OD	355 mm (13.98")	355 mm (13.98")
Max. wall thickness	15 mm (0.59")	15 mm (0.59")
Weight (incl. motor)	35.9 kg (79 lbs)	33 kg (73 lbs)

DIMENSIONS



PB-14 E with Electric Motor



PB-14 A with Pneumatic Motor

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STANDARD SHIPPING SET

- ✓ PB14 (without motor, tool bits)
- ✓ Metal box
- ✓ Standard self-centering expandable mandrel for pipe ID Ø 84 – 355 mm
- ✓ Jaw blocks (1,2,3,4,5,6) and adapter – 3 sets
- ✓ Set of tools
- ✓ Coolant container
- ✓ Operator's manual



Pneumatic Motor
Product Code: PB10-PM

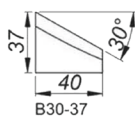
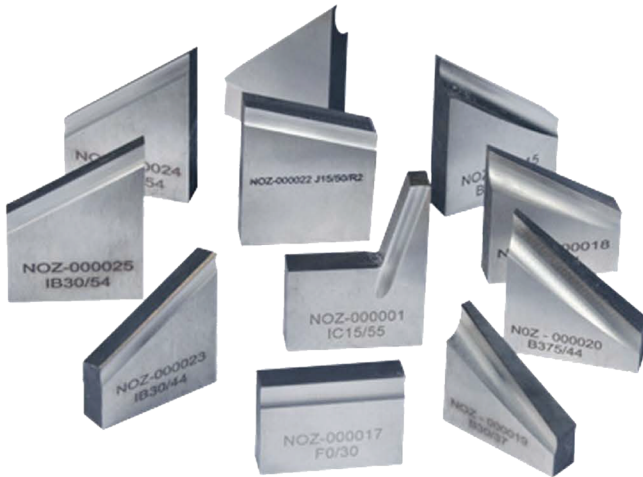


Connection set for electric motor
Product Code: PB10-MCS



Electric Motor: 230V
Product Code: PB10-EMB2

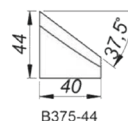
Electric Motor: 115V
Product Code: PB10-EMB1



30° Beveling Tool Bit,
Height 37 mm [B30/37]
Product Code PB10-B30/37



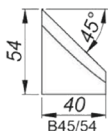
30° Beveling Tool Bit,
Height 44 mm [B30/44]
Product Code PB10-B30/44



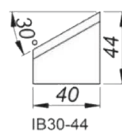
37.5° Beveling Tool Bit,
Height 44 mm [B375/44]
Product Code PB10-B375/44



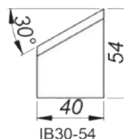
37.5° Beveling Tool Bit,
Height 54 mm [B375/54]
Product Code: PB10-B375/54



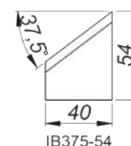
45° Beveling Tool Bit,
Height 54 mm [B45/54]
Product Code: PB10-B45/54



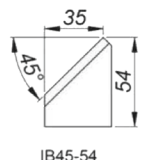
30° Internal Beveling Tool Bit,
Height 44 mm [IB30/44]
Product Code PB10-IB30/4



30° Internal Beveling Tool Bit,
Height 54 mm [IB30/54]
Product Code: PB10-IB30/54



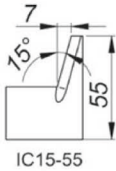
37.5° Internal Beveling Tool Bit,
Height 54 mm [IB375/54]
Product Code: PB10-IB375/54



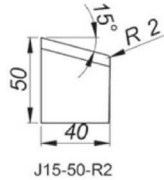
45° Internal Beveling Tool Bit,
Height 54 mm [IB45/54]
Product Code: PB10-IB45/54

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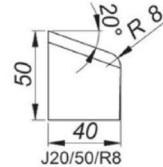
STEELBEAST® OPTIONAL ACCESSORIES



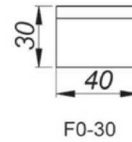
15° Internal Calibration Tool Bit,
Height 55 mm [IC15/55]
Product Code PB10-IC15/55



15° J-Beveling Tool Bit, Height 50
mm, Radius 2mm [J15/50/R2]
Product Code: PB10-J15/50/22



20° J-Beveling Tool Bit, Height 50
mm, Radius 8mm [J20/50/R8]
Product Code: PB10-J20/50/R8

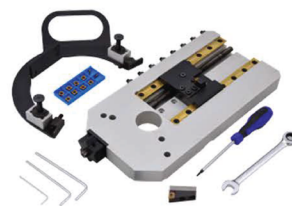


Facing Tool Bit,
Height 30 mm [F0/30]
Product Code PB10-F0/30

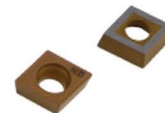


Small expanding
mandrel set incl. jaws I,II,
III, IV for pipe ID Ø 38 –
86 mm (1.5 to 3.39")

Product Code:
PB10-0500002



Flange facing attachment
Product Code PB10-FFA



Flange facing insert
PLY-000533
Product Code:
PB10-FFI



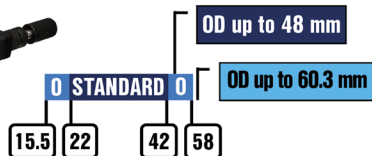
Air preparation set
Product Code: PB10-APS

ID (mm)

15.5 mm

1000 mm

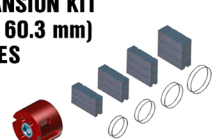
PB2



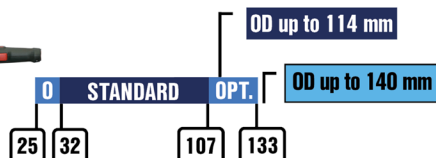
REDUCTION KIT
(15.5 - 22 mm)
PB2-SMS



EXPANSION KIT
(42 - 60.3 mm)
PB2-ES



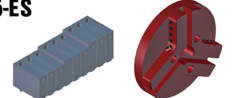
PB5



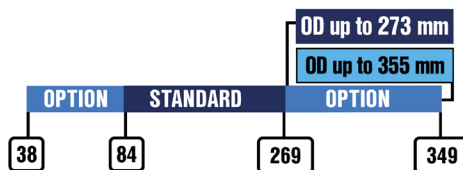
REDUCTION KIT
(15.5 - 22 mm)
PB5-SM



EXPANSION KIT
(42 - 60.3 mm)
PB5-ES



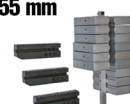
PB10



REDUCTION KIT
(38 - 86 mm)
PB10-0500002



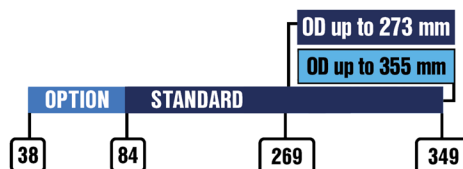
EXPANSION KIT
PB10-1300002
>355 mm



EXPANDING
MANDREL
(126 - 355 mm)
PB10-5000000



PB14



REDUCTION KIT
(38 - 86 mm)
PB10-0500002



PB40

