

THE PB10 PIPE BEVELING MACHINE

PNEUMATIC OR ELECTRIC TO MEET USERS SITE CONDITIONS

The Steelmax **PB10** pipe beveling machine is designed for portable use in pipe machining operations. It can be used efficiently by a single operator. It is a heavy-duty I.D. mounted pipe beveler. Self-centering expandable mandrels provide quick and proper alignment to a pipe or a tube prior to machining operations.

The **PB10** is able to bevel, face off, chamfer and counterbore, making all these weld prep operations quick and simple.

Depending on users preferences and site conditions, **PB10** machine can be operated with a high-quality powerful pneumatic motor or a high-torque electric motor.

FEATURES

- Bevel, face off and counterbore simultaneously
- Standard and custom made tool bits available
- Available in pneumatic or electric versions
- J-Bevel tools available for high welding efficiency



Pneumatic: SM-PB10



Electric: SM-PBE10

Steelmax
The tools of innovation.

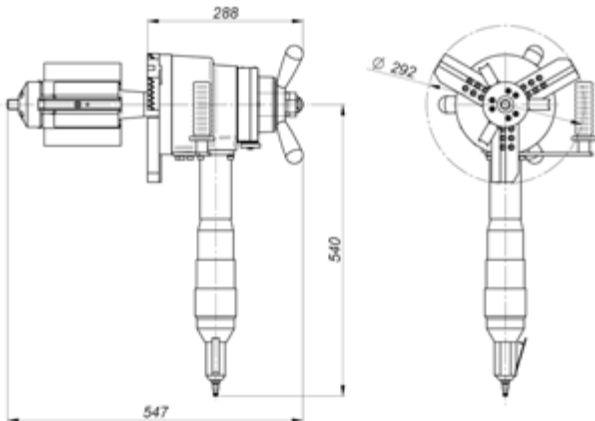
PB10 Technical Specifications

Pipe machining range	Min I.D. – 1.6" (40 mm) Max O.D. – 11" (273 mm) Wall thickness: up to .80" (20 mm)
Part number	SM-PB10
Pneumatic motor	1500W
Power requirements	1750 l/min (61.7 cfm) at 630 kpa (90 psi)
Headstock speed range	5 to 18 rpm
Part number	SM-PBE10
Electric motor	1800W
Supply	115V/60Hz or 230V/50Hz
Headstock speed range	14 to 32 rpm

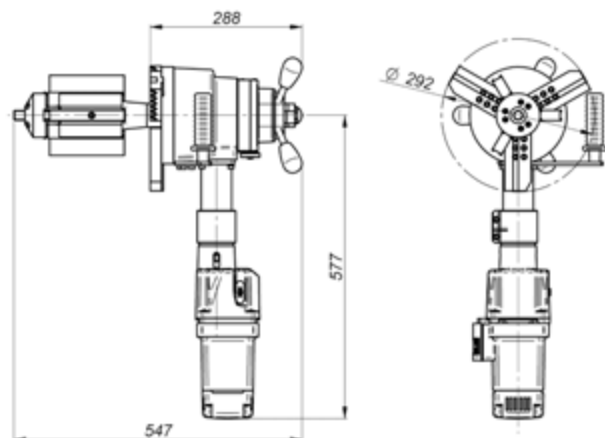


All information is subject to change without notice.

Pneumatic: SM-PB10



Electric: SM-PBE10



PART NUMBERS & TOOL BITS CODES

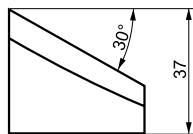
SM-NOZ-000019	30° Beveling tool bit, height 1.5" (37 mm)
SM-NOZ-000018	30° Beveling tool bit, height 1.7" (44 mm)
SM-NOZ-000020	37.5° Beveling tool bit, height 1.7" (44 mm)
SM-NOZ-000015	37.5° Beveling tool bit, height 2.1" (54 mm)
SM-NOZ-000021	45° Beveling tool bit, height 2.1" (54 mm)
SM-NOZ-000017	0° Facing tool bit, height 1.2" (30 mm)
SM-NOZ-000023	30° Internal beveling tool bit, height 1.7" (44 mm)
SM-NOZ-000025	30° Internal beveling tool bit, height 2.1" (54 mm)
SM-NOZ-000024	37.5° Internal beveling tool bit, height 2.1" (54 mm)
SM-NOZ-000026	45° Internal beveling tool bit, height 2.1" (54 mm)
SM-NOZ-000001	15° Internal calibration tool bit, height 2.2" (55 mm)
SM-NOZ-000022	15° J-beveling tool bit, height 50mm, radius 0.08" (2 mm)
SM-NOZ-000016	20° J-beveling tool bit, height 50mm, radius 0.31" (8 mm)

Custom made versions of toolbits are available.

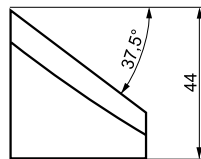
Standard shipping set:

- PB10 (without tool bits)
- Metal box
- Self-centering expandable Mandrel for pipe I.D. \emptyset 3-5/16 – 10-9/16" (84 – 269 mm)
- Self-centering expandable Mandrel for pipe I.D. \emptyset 1-1/2 – 3-3/8" (38 – 86 mm)
- Set of jaws and blocks
- Set of adjustment tools
- Coolant container
- Operator's manual

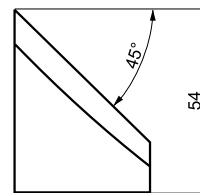
Beveling Tool Bits



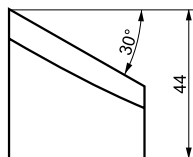
B30/37



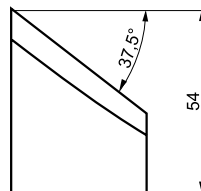
B375/44



B45/54



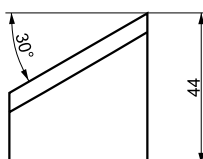
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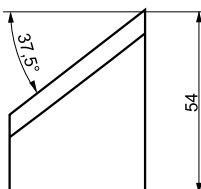
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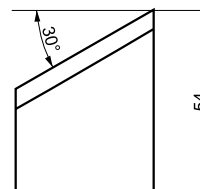
Internal Beveling Tool Bits



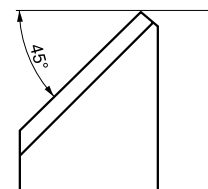
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IB375/54



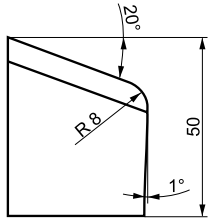
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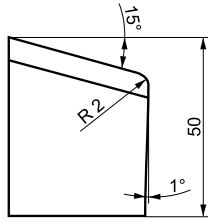
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PORTABLE BEVELING MACHINE FROM STEELMAX®

J-Beveling Tool Bits

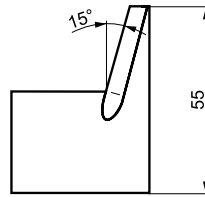


J20/50/R8



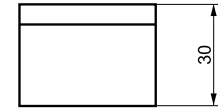
J15/50/R2

ID Chamfer Tool Bit



IC15/55

Facing Tool Bit



F0/30

Custom made versions of toolbits are available on request. Tool bits can also be coated to increase their durability.

Additional Equipment:

- Flange facing attachment with cutting capacities \varnothing 3-15/16" to 20" (100 - 508 mm)
- Extension set for ID up to 14" (355 mm) includes 3 steel tool holder assembly
- Oval attachment
- Air preparation assembly
- Tool bits



Steelmax

The tools of innovation.

6200 S.Troy Circle, Suite 110, Centennial, CO 80111

For ordering and customer service, or to request detailed product information or demonstration videos, contact:

1-87STEELMAX

STEELMAX.COM

sales@Steelmax.com

Fax: 303-690-9172

