

Product Brochure For B8080

Hydraulic Pipe & Tube Rotary Draw Bender - RDB-175

Ø1/2" - Ø2" NB Pipe Capacity, Ø6.35 - Ø63.5mm Round Tube Capacity

Back In Stock Soon

Ex GST

Inc GST

\$18,150.00 \$19,965.00



| | |
|--|----------------------------------|
| ORDER CODE: | B8080 |
| MODEL: | RDB-175 |
| Material (Type): | Pipe & Tube |
| Material Section (Type): | Round, Square & Rod |
| Machine (Type): | Electric Hydraulic - Rotary Draw |
| Hydraulic Jack Size (Tonne): | ~ |
| Round Pipe Range (NB) - Mild Steel (inch / mm): | Ø1/2" - Ø2" |
| Round Tube Range (OD) - Mild Steel (inch / mm): | Ø6.35 - Ø63.5 |
| Square Tube Range (inch / mm): | 19.05 - 50.8 |
| Tube Wall Thickness - Mild Steel (inch / mm): | ~ |
| Round Pipe (NB) x Wall Capacity - Mild Steel (inch): | Ø2" (Schedule 40) |
| Round Pipe (NB) x Wall Capacity - Aluminium (inch / mm): | Ø2" (Schedule 40) |
| Round Pipe (NB) x Wall Capacity - Stainless Steel (inch / mm): | Ø1-1/2" (Schedule 40) |
| Round Tube (OD) x Wall Capacity - Mild Steel (inch / mm): | Ø63.5 x 3.17 |
| Round Tube (OD) x Wall Capacity - Aluminium (inch / mm): | Ø63.5 x 3.96 |
| Round Tube (OD) x Wall Capacity - Copper, Brass (inch / mm): | ~ |
| Round Tube (OD) x Wall Capacity - Stainless Steel (inch / mm): | Ø60.32 x 3.17 |
| Round Tube (OD) x Wall Capacity - Chromoly (inch / mm): | Ø50.8 x 3.17 |
| Solid Rod - Mild Steel (inch / mm): | Ø31.75 |
| Square Tube x Wall Capacity - Mild Steel (inch / mm): | 50.8 x 3.17 |
| Rectangle Tube x Wall Capacity - Mild Steel (inch / mm): | ~ |
| Bend Speed - Maximum (Deg / Sec): | 180° / 12.5 |
| Bend Direction: | ~ |
| Centre Line Radius - Maximum (CLR) (inch / mm): | 9" / 228.6mm |
| Centre Line Radius - Minimum (CLR) (inch / mm): | 1/2" / 12.7mm |
| Tube Formers Included (inch / mm): | ~ |
| Pipe Formers Included (inch / mm): | ~ |
| Spigot Size on Ram (inch / mm): | ~ |
| Angle Capacity (deg): | 180° |
| Hydraulic Pressure - Maximum (psi): | ~ |
| Motor Power (kW / hp): | 1.5 / 2 |
| Voltage / Amperage (V / amp): | 240 |
| Nett Weight (kg): | 286 |

Description

NOTE: Image shown with Optional Tooling.

Made in the USA, this hydraulic rotary draw bender improves on our breakthrough RDB-150 with patented* additional features to streamline your bending jobs.

Use this machine for: Creating custom chassis, handrails, boilers, and metal art, among other projects.

Why choose the RDB-175 over similar machines?

Improved-accuracy digital readout package measures bend angle on the die head or spindle instead of cylinder placement to get a true reading. You can count on the extreme speed and reliability of the RDB-175 to eliminate delays.

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Accepts a wide range of quality tooling options from Baileigh, with over 5000 die sets available. Limitless after-sale support from Baileigh representatives with hands-on experience is just a phone call away.

*U.S Patent No. 7,380,430 / U.S Patent No. 7,743,636.

Features

- Maximum capacity of Ø2" NB (5/32", schedule 40) pipe and up to Ø63.5mm OD tubing with a wall thickness of 3.048mm mild steel
- Rotary draw executes 180° bends in a smooth single motion
- Bends almost 300% faster than the RDB-150, making quick work of round tube, pipe, and square tubing
- Auto-stop programming lets you achieve the desired bend angle without worrying about accuracy
- Easy-to-read digital degree indicator to monitor bend progress and check angles
- Convenient foot pedal controls the movements of the bender, leaving your hands free to guide the material
- Works with up to a 9" (228.6mm) centre line radius to accommodate 90% of applications
- Ratcheting counter die adjustment allows for quick tooling changes
- No valves on top, leaving plenty of open space for complex bends

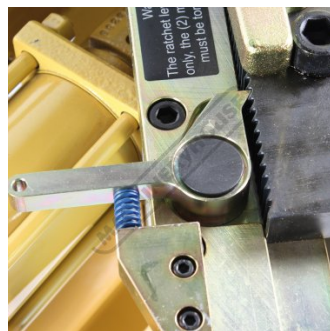
Includes

- Foot pedal control with forward & reverse

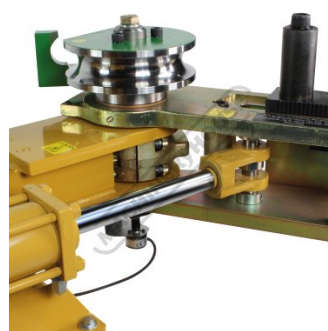
Specific Features



Rear View



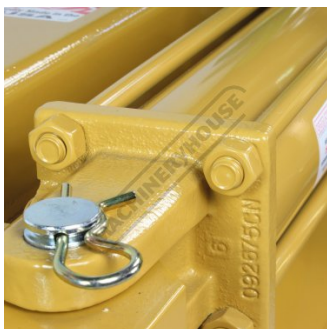
Ratcheting Counter Die Adjustment allows for quick tooling changes



Insert 2



Insert 3



Insert 5



Insert 6



Start Stop Power Switch



Digital Degree Display with Auto Stop Programming



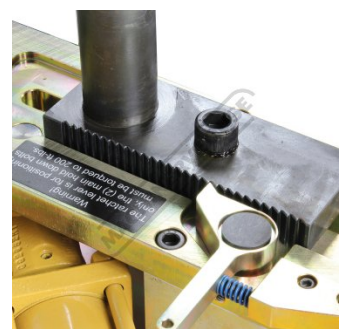
Foot Control with Forward and Reverse



Emergency Stop Button



Insert 8



Insert 10

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Hydraulic Tank



Swivel Lock Wheels

Recommended Accessories

B8119
 Pipe/Tube Bending Lube -
 475ml



B8122
 1/2" NB x 180° Round Pipe Die
 Set



B8131
 3/4" NB x 180° Round Pipe Die
 Set



B8141
 1" NB x 180° Round Pipe Die
 Set



B8152
 1-1/4" NB x 180° Round Pipe
 Die Set



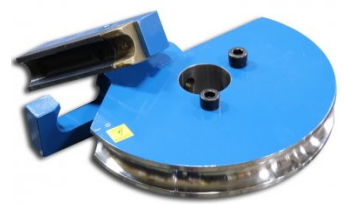
B8166
 1-1/2" NB x 180° Round Pipe
 Die Set



B8175
 2" NB x 180° Round Pipe Die
 Set



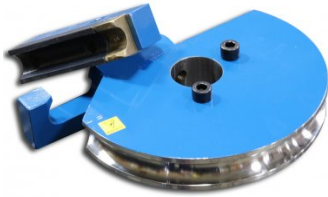
B8253
 25.4mm OD x 180° Round Tube
 Die Set



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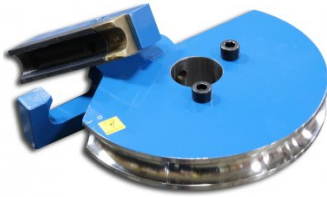
B8271

31.75mm OD x 180° Round Tube Die Set



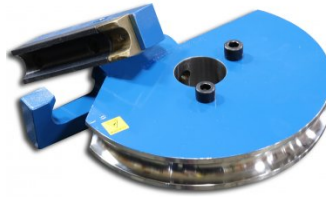
B8287

38.1mm OD x 180° Round Tube Die Set



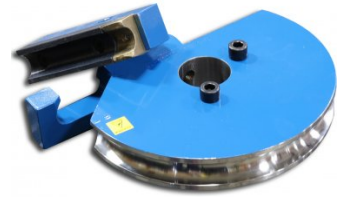
B8305

44.45mm OD x 180° Round Tube Die Set



B8312

50.8mm OD x 180° Round Tube Die Set



B8405C

20mm OD x 180° Square Tube Die Set - Crush Bend



B8410C

25mm OD x 180° Square Tube Die Set - Crush Bend



B8418C

30mm OD x 180° Square Tube Die Set - Crush Bend



B8428C

40mm OD x 180° Square Tube Die Set - Crush Bend



B8436C

50mm OD x 180° Square Tube Die Set - Crush Bend



M977

Digital Bevel Box

