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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
$18,750.00	$20,625.00

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):	180º
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

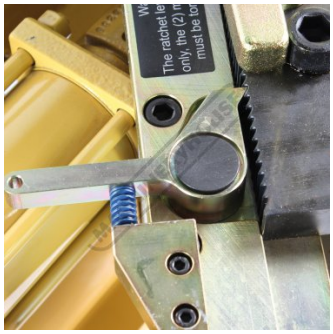
- Maximum capacity of Ø2" NB (5/32", schedule 40) pipe and up to Ø63.5mm OD tubing with a wall thickness of 3.048mm mild steel
- Rotary draw executes 180° bends in a smooth single motion
- Bends almost 300% faster than the RDB-150, making quick work of round tube, pipe, and square tubing
- Auto-stop 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

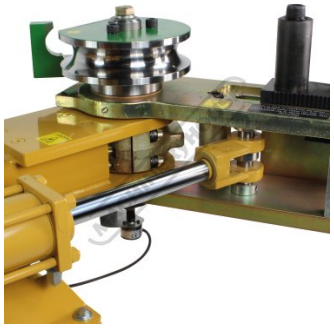
Includes

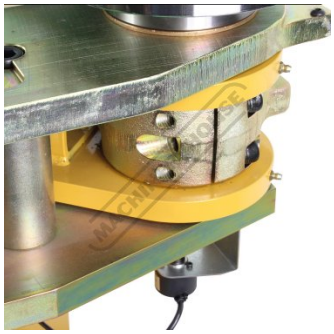
- Foot pedal control with forward & reverse

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

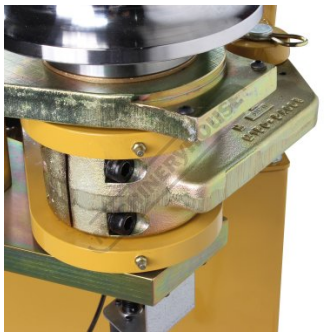


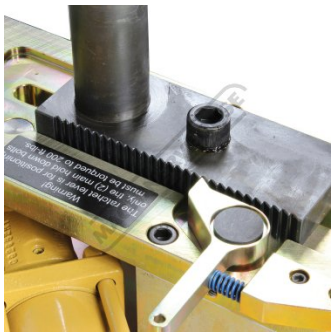
Digital Degree Display with Auto Stop Programming


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 180º Round Pipe Die Set



B8131

3/4" NB x 180º Round Pipe Die Set



B8141

1" NB x 180º Round Pipe Die Set



B8152

1-1/4" NB x 180º Round Pipe Die Set



B8166

1-1/2" NB x 180º Round Pipe Die Set



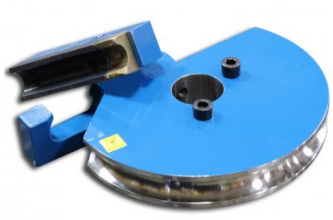
B8175

2" NB x 180º Round Pipe Die Set



B8253

25.4mm OD x 180º Round Tube Die Set



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B8271
31.75mm OD x 180º Round Tube Die Set



B8287
38.1mm OD x 180º Round Tube Die Set



B8305
44.45mm OD x 180º Round Tube Die Set



B8312
50.8mm OD x 180º Round Tube Die Set



B8405C
20mm OD x 180º Square Tube Die Set - Crush Bend



B8410C
25mm OD x 180º Square Tube Die Set - Crush Bend



B8418C
30mm OD x 180º Square Tube Die Set - Crush Bend



B8428C
40mm OD x 180º Square Tube Die Set - Crush Bend



B8436C
50mm OD x 180º Square Tube Die Set - Crush Bend



M977
Digital Bevel Box

