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Product Brochure For B8000

Manual Pipe & Tube Rotary Draw Bender - RDB-050

Ø3/4" - Ø1-1/2" NB Pipe Capacity, Ø19.05 - Ø63.5mm Round Tube Capacity



ORDER CODE:	B8000
MODEL:	RDB-050
Material (Type):	Pipe & Tube
Material Section (Type):	Round
Machine (Type):	Manual - Rotary Draw
Hydraulic Jack Size (Tonne):	~
Round Pipe Range (NB) - Mild Steel (inch / mm):	Ø3/4" - Ø1-1/2"
Round Tube Range (OD) - Mild Steel (inch / mm):	Ø19.05 - Ø63.5
Square Tube Range (inch / mm):	~
Tube Wall Thickness - Mild Steel (inch / mm):	~
Round Pipe (NB) x Wall Capacity - Mild Steel (inch):	~
Round Pipe (NB) x Wall Capacity - Aluminium (inch / mm):	~
Round Pipe (NB) x Wall Capacity - Stainless Steel (inch / mm):	~
Round Tube (OD) x Wall Capacity - Mild Steel (inch / mm):	Ø63.5 x 3.05
Round Tube (OD) x Wall Capacity - Aluminium (inch / mm):	Ø63.5 x 3.05
Round Tube (OD) x Wall Capacity - Copper, Brass (inch / mm):	~
Round Tube (OD) x Wall Capacity - Stainless Steel (inch / mm):	Ø50.8 x 3.05
Round Tube (OD) x Wall Capacity - Chromoly (inch / mm):	Ø50.8 x 3.05
Solid Rod - Mild Steel (inch / mm):	Ø25.4
Square Tube x Wall Capacity - Mild Steel (inch / mm):	~
Rectangle Tube x Wall Capacity - Mild Steel (inch / mm):	~
Bend Speed - Maximum (Deg / Sec):	~
Bend Direction:	~
Centre Line Radius - Maximum (CLR) (inch / mm):	177.8
Centre Line Radius - Minimum (CLR) (inch / mm):	76.2
Tube Formers Included (inch / mm):	~
Pipe Formers Included (inch / mm):	~
Spigot Size on Ram (inch / mm):	~
Angle Capacity (deg):	200º
Hydraulic Pressure - Maximum (psi):	~
Motor Power (kW / hp):	~
Voltage / Amperage (V / amp):	~
Nett Weight (kg):	132

Description

NOTE: Image shown with Optional Tooling.

Need an affordable but powerful bender with enough capacity for almost about any chassis fabrication shop? Baileigh's patented RDB-050 Manual Tube Bender is revolutionary in function, capacity, and efficiency.

U.S Patent No. #8,171,765

Features

- Tackles up to 63.5mm OD mild steel with a wall thickness of 3.05mm and 50.8mm OD Chromoly with a wall thickness of 3.05mm
- Choose from 3 bending speeds, depending on material type, OD, and wall thickness, to proper speed for each application
- Speed 1 produces 4° per pull. This speed has the most torque, suitable for bending 50.8mm OD Chromoly or 63.5mm OD mild steel
- Speed 2 produces 8° per pull for intermediate materials
- Speed 3 produces 12° per pull for lighter gauge materials
- Bends up to 200° in one shot without you needing to stop and reset the machine
- Anti-springback mechanism holds each bend in place as the operator ratchets forward

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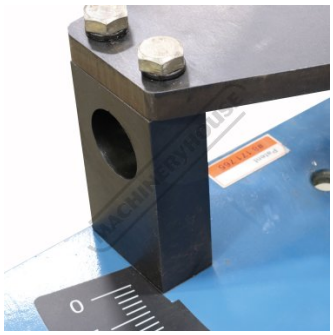
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- No assembly or disassembly needed to produce a bend
- All pivot points use aluminium bronze bushings and thrust washers for long machine life
- Quick-release hook arm inserts assist when you're changing over the machine to a different size of tubing. You can do a complete changeover in 1 minute or less
- Just walk up to the machine, put your tubing into the hook arm insert, and begin bending. When the bend is complete, return the machine to the home position, pull your bend out—and you're all set
- Comes complete with the stand, bend handle, and degree dial. Just add tooling and you're ready to bend tube

Includes

- Stand

Specific Features


Pull Block

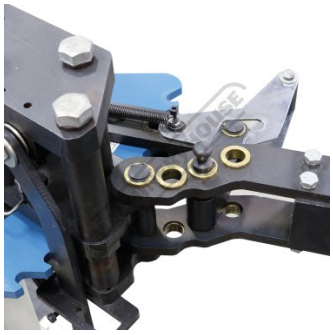


Patent


Top View



Pins

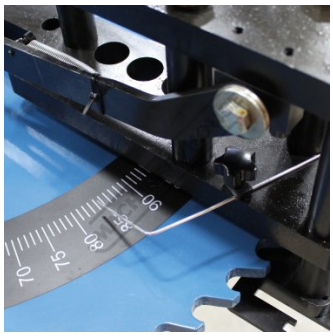

Speed Arm

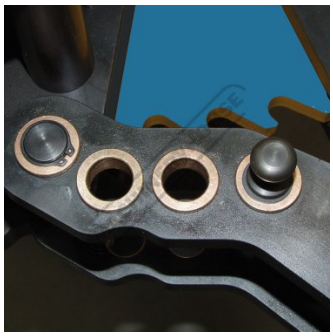

Pin


Quick Release



Angle Scale


Pointer


Speeds

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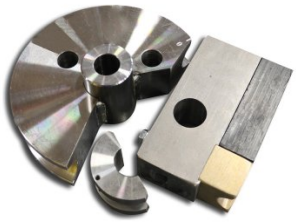
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Recommended Accessories

B8119
Pipe/Tube Bending Lube - 475ml



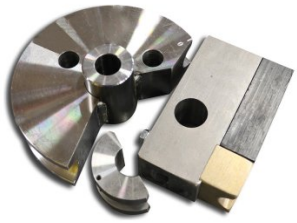
B8035
3/4" NB x 180º Round Pipe Die Set



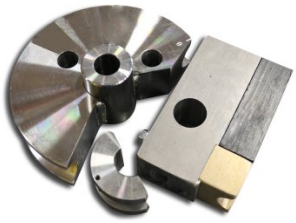
B8036
1" NB x 180º Round Pipe Die Set



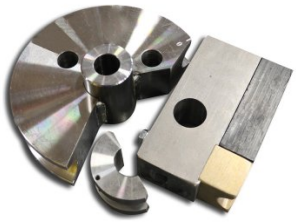
B8037
1-1/4" NB x 180º Round Pipe Die Set



B8038
1-1/2" NB x 180º Round Pipe Die Set



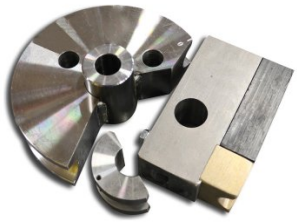
B8040
19.05mm OD x 180º Round Tube Die Set



B8042
25.4mm OD x 180º Round Tube Die Set



B8048
31.75mm OD x 180º Round Tube Die Set

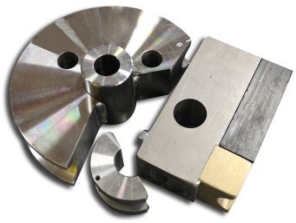


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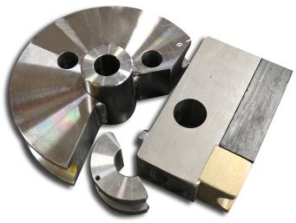
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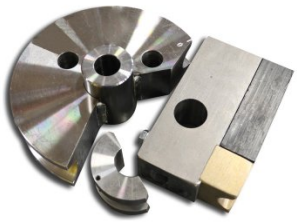
B8054
38.1mm OD x 180º Round Tube Die Set



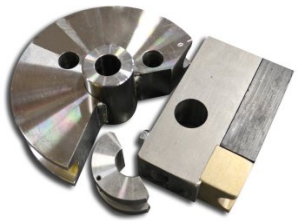
B8059
44.45mm OD x 180º Round Tube Die Set



B8062
50.8mm OD x 180º Round Tube Die Set



B8065
63.5mm OD x 180º Round Tube Die Set



M977
Digital Bevel Box

