



MANUAL TUBE BENDER (RDB-050)

SKU: 2004056



Product image is only a representation, actual product appearance may differ slightly

DESCRIPTION

The **RDB-050** manual tube bender was designed as an affordable bender that has enough capacity for just about any chassis fabrication shop. The **RDB-050** is revolutionary in design, function and capacity. The **RDB-050**, from Baileigh Industrial is extremely powerful, and can bend up to 2.5" OD mild steel with a wall thickness of .120" (62mm x 3mm) and 2" (50 mm) OD chromalloy with a wall thickness of .120" (3 mm). The most unique feature of the **RDB-050** is that it has three selectable bending speeds. The proper speed for each application depends on the material type, OD, and wall thickness.

- Speed one (4° per pull) has the most torque and would be used for bending 2" (50 mm) OD chromalloy or 2.5" (62 mm) OD mild steel.
- Speed two produces 8° per pull, ideal for intermediate materials.
- Speed three produces 12° with each pull, perfect for lighter gauge materials.

Also, the **RDB-050** can bend in one shot without having to stop and reset the machine

The **RDB-050** manual tube and pipe bender has no disassembly or assembly needed to produce a bend. Simply put your tubing into the hook arm and begin bending. When the bend is complete, return the machine to the home position and pull your bend out, or position it for the next bend. The **RDB-050** tube and pipe bender can bend up to 200° and an anti-spring-back mechanism holds each bend in place as the operator ratchets forward.

All pivot points on the **RDB-050** use aluminum bronze bushings and thrust washers, for long life. The hook arm has quick release inserts to assist when changing tooling for different size material. A complete changeover should take no more than a single minute.

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The **RDB-050** comes complete with the stand, bend handle and degree dial. Just add tooling and you are ready to bend. Contact Baileigh Industrial for more information.

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

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SPECIFICATIONS [+](#)

Item Number	RDB-050
Minimum CLR	76 mm

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This Manual Tube Bender is very easy to use.

As a first time user I was able to build an entire roll cage with nearly no wasted tube. And the extreme construction of the bender ensured it will be a staple in my shop for years!
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RESOURCES

- [View Tooling Options](#)
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