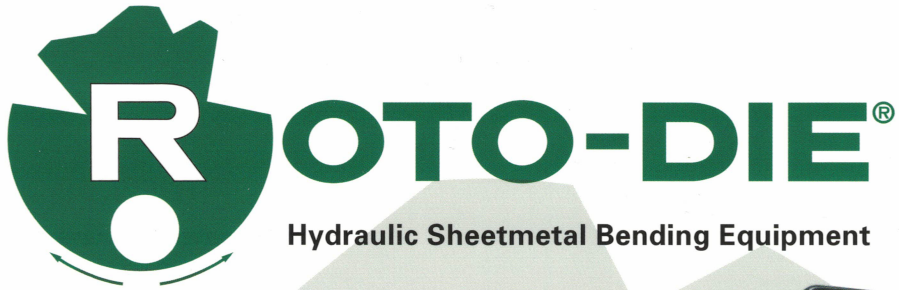


**Celebrating 45 Years of Improving Productivity
for the Sheetmetal Bending Industry**



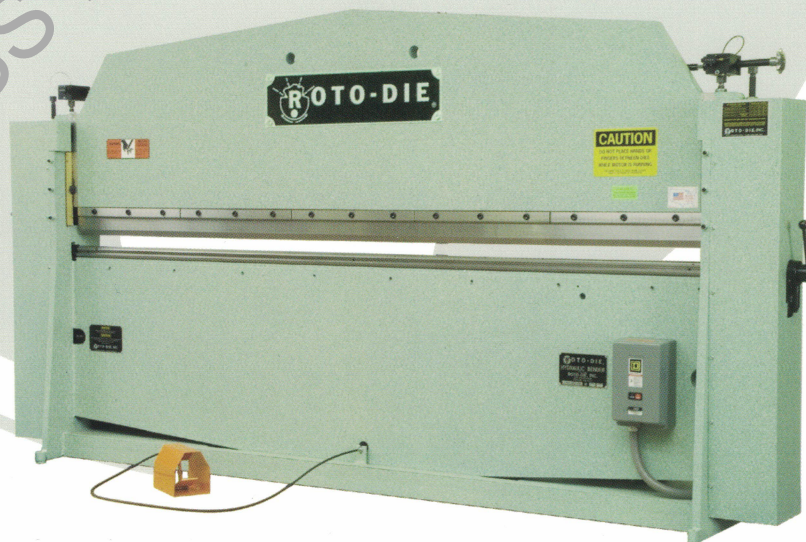
Hydraulic Sheetmetal Bending Equipment



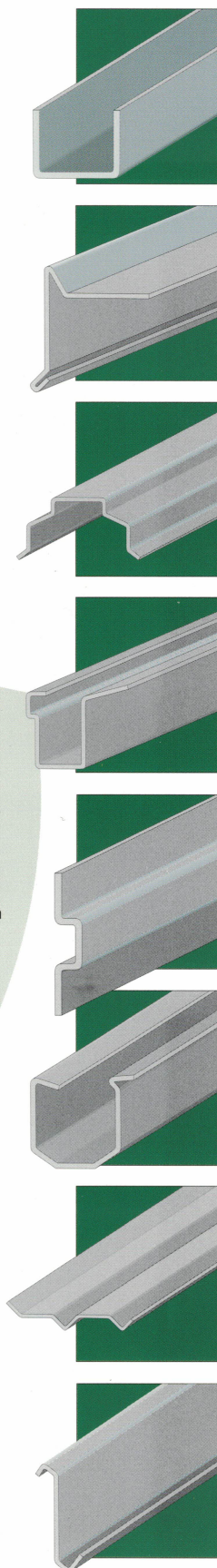
Remanufactured
Model 10 shown with
Optional Light Curtain
and Safety Mat



Model CB-30
Cleat Bender



Model 15



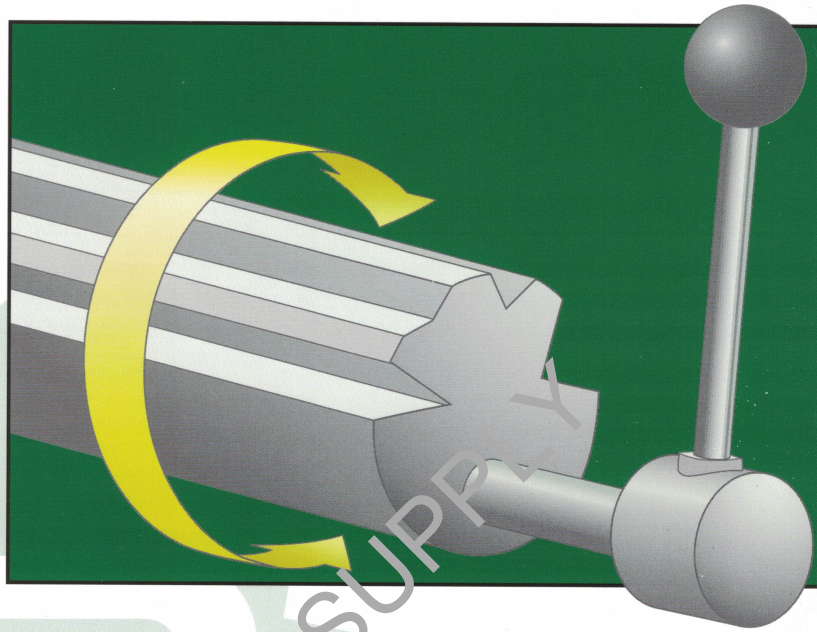
H. WEISS MACHINERY & SUPPLY
PHONE: (718) 605-0395 - www.hweiss.com



VERSATILE

A Roto-Die® Hydraulic Bender is as simple to operate as a hand brake - but has infinitely more production capacity.

- Merely by rotating the selections lever, one operator can perform all basic sheet-metal forming operations. No dies to change.
- The Roto-Die® Hydraulic Bender forms full-length ducts, gravel stops, standing lock seams, flashing, and hemming operations accurately and economically.
- The compactness inherent in the cylindrical die design permits acute reverse bends not possible with conventional wide-bed machines.
- The Roto-Die® indexes quickly and accurately to all forming stations. Automatic detent assures positive die alignment.
- Centerline machined upper dies are instantly interchangeable in all Roto-Die® openings without special stops or adjustments.

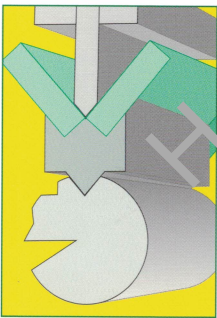


PRODUCTIVE

Most sheet-metal configurations can be formed with one handling by one operator.

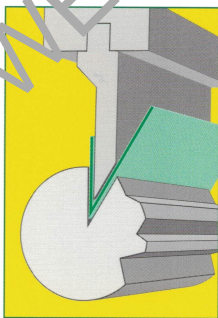
The ram may be jogged, stopped or returned to "up" position at any point of the stroke. It may also be inched for accurate positioning of the work, reducing material loss and gauge-adjustment time.

Disappearing pins are conveniently located for fast one-man positioning in cross-braking (paneling) and rectangular duct forming. Pin gauges are easily removed and relocated.



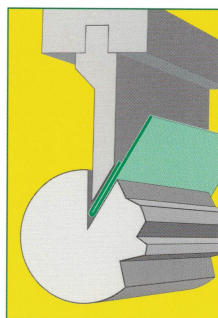
TDC

This combination of TDC Insert Die and Narrow Upper Die allow the forming of TDC Duct.

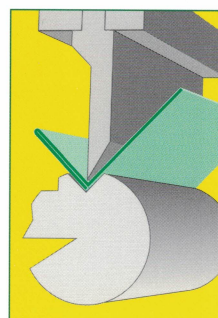


FORMING

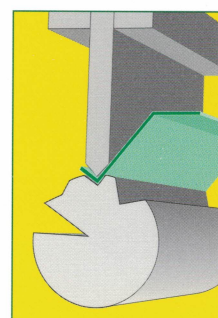
Forming and open hemming are accomplished with standard 30° upper die and No. 37 Roto-Die. Following these sequences, a standing lock seam may be formed without die change or multiple handling of the sheet.



OPEN HEMMING



STANDING LOCK SEAM



LOUVRE BLADE FORMING

Many degree-of-bend combinations are quickly and easily formed by bottoming and air-bending.

PROFITABLE

Roto-Die® Hydraulic Benders are engineered to cut costs – labor cost is reduced while shop productivity is increased.

- The patented Roto-Die® principle reduces setup time by as much as 70 per cent, compared with other power-forming equipment. Gauge and clearances are adjusted much quicker than on conventional hand brakes.
- One-man operation cuts labor requirements in half on virtually all hand-brake operations.
- Simple adjustments permit operating speeds up to 50 strokes per minute for maximum production output.
- Multiple handling of sheet stock is kept to a minimum. This allows you to fabricate most commercial ventilating jobs, including the new TDC duct system, in the Roto-Die® in one-fourth the time ordinary benders require.

CHECK THESE FEATURES

- Three models to meet your requirements.
- Proven design - 45 years and thousands of machines in operation.
- All basic sheet metal-forming operations can be made without die change or major adjustments.
- Infinitely variable speed control for easy selection of ram speed.
- Rugged construction for long, trouble-free operation in heavy duty service.
- Best overall value.

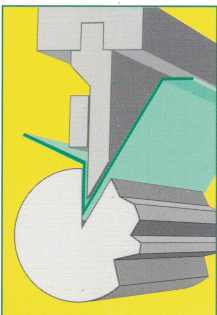
The Roto-Die® system – over 45 years of sheet metal-forming experience. Roto-Die® Hydraulic Benders are shipped complete and ready to tackle your toughest forming jobs.

An extensive, knowledgeable dealer network backed up by factory support is available nationwide to give local service and instruct your personnel. Technical assistance is also available to assist you in obtaining the best production from your machine.

MADE IN

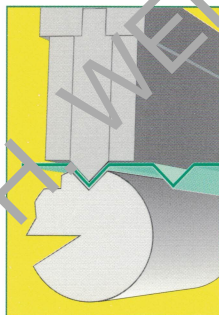


USA



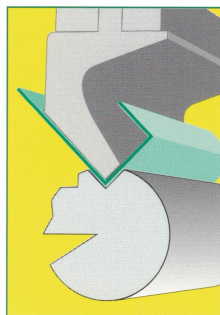
ARCHITECTURAL GRAVEL STOP ADAPTER PLATE

This combination die will form 120" of 24-gauge gravel stop with a 3/4" rise. Easy removal of the rear forming section converts the die to acute-angle forming and hemming operations.



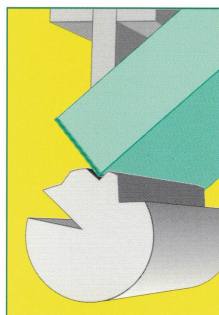
MULTI-FORMING

Damper blades and V-rib shapes may be formed in one stroke in 20-gauge galvanized steel up to 120" long. Shorter lengths may be formed in heavier gauges. The die is adjustable for metals with springback.



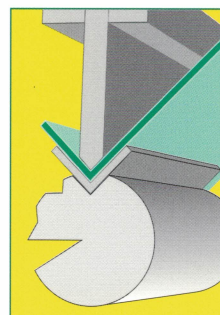
CHANNEL FORMING

90° gooseneck dies (with or without angle inserts) simplify forming light and heavy-gauge channels.



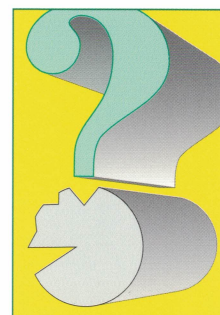
BOX FORMING

Depths to 1-3/4" may be formed with standard dies.



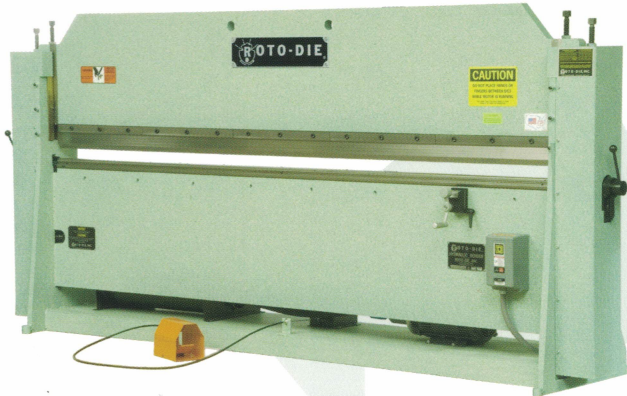
HEAVY-GAUGE FORMING

Machined inserts increase bender capacities up to 120" of 10-gauge material for heavy-gauge or large-radius forming.



SPECIALS

Contact Roto-Die® for specialty dies.

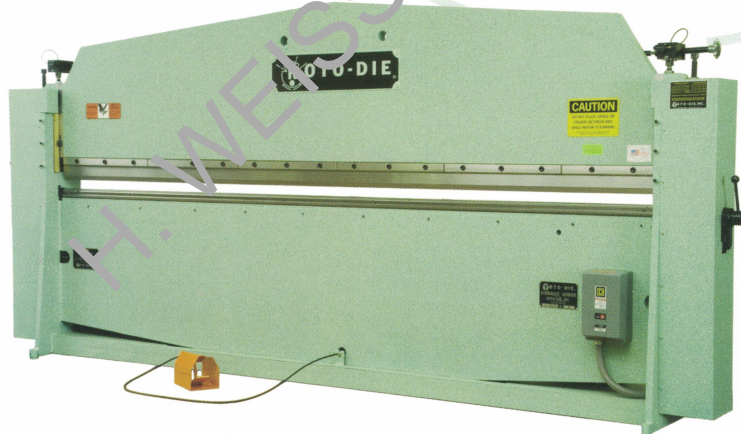


MODEL 10

(shown with optional front-operated back gauge)
Bending capacity **120" x 16 gauge**
..... **72" x 10 gauge***

MODEL 15

(shown with optional single station)
Bending capacity **120" x 14 gauge**
..... **120" x 10 gauge***



MODEL 15/12

(shown with optional single station)
Bending capacity **144" x 16 gauge**
..... **144" x 10 gauge***

*** Heavy Gauge Angle Insert Required**

General Specifications	Model 10	Model 15	Model 15/12
Length of stroke	3"	3"	3"
Strokes per mn. (approx.)	20 to 50	20 to 50	20 to 50
Die Clearance	2-1/8"	2-1/8"	2-1/8"
Die Space	7-1/2"	7-1/2"	7-1/2"
Motor	7-1/2 HP	15 HP	15 HP
Overall Dimensions – Length Front to Back Height	12' 1" 22" 5' 3-1/2"	12' 6-1/4" 22" 6' 1"	14' 6" 22" 6' 1"
Approximate Shipping Weight	5,700 lbs.	8,950 lbs.	10,000 lbs.

STANDARD ACCESSORIES

All units include tooling for five basic forming operations. These dies and accessories are standard:

- 1-**No. 37** Roto-Die with:
7° cross-braking groove
85° die opening 3/8" wide
85° die opening 7/8" wide
30° die opening 1/2" wide

1-**No. 1** forming Die 85°

1-**No. 24** hemming Die 30°

6-No. 50 sheet-support arms with clips

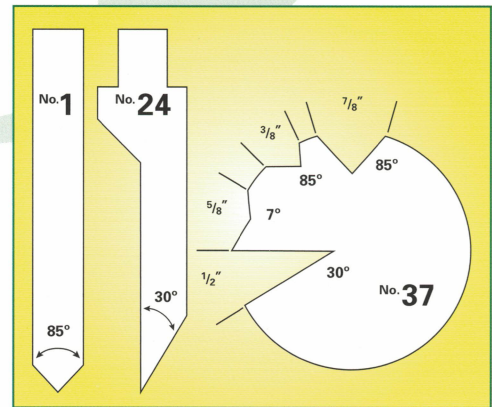
6-No. 52 gauging blocks

6-No. 53 disappearing spring-pin gauges

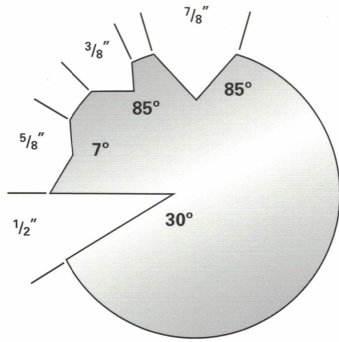
All models are equipped with depth-of-stroke adjustment with indicators, length-of-stroke adjustment, and motor and controls for 230/460 volts, 3 Phase 60 Hz.

(Other 3 Phase voltages also available.)

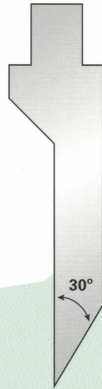
Hydraulic oil and a wrench are also furnished.



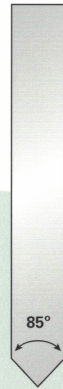
MADE IN
★
USA



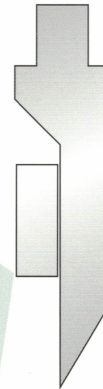
#37 LOWER ROTARY DIE



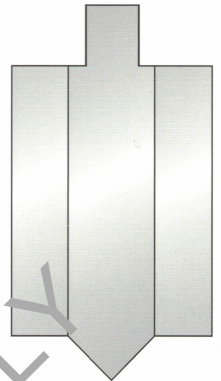
#24 HEMMING DIE



#1 FORMING DIE



GRAVEL STOP ADAPTER PLATE



ADJUSTABLE DAMPER DIE

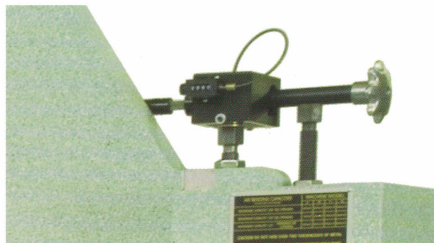
NARROW #1 FORMING DIE USED WITH TDC CONVERSION DIE

HEAVY GAUGE ANGLE INSERT

#5 GOOSENECK DIE

TDC/TDF CONVERSION DIE

H. WEISS MACHINERY & SUPPLY



Single Station Depth-of-Stroke Adjustment System (RD00001)



Front Operated Back Gauge (RD00975)

Rear-Operated Back Gauge Part# RD00900

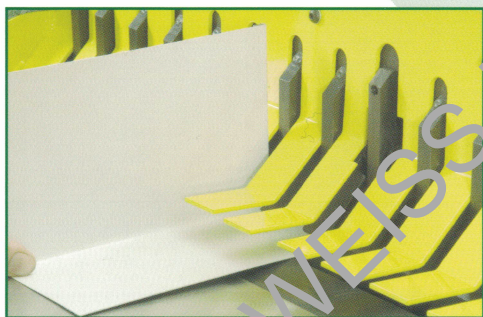
OPEN-END CLEAT BENDER

PNEUMATICALLY OPERATED

- Wide jaws allow forming in 1/2" increments
- Adjustable cleat settings
- Front-mounted quick-release valves
- Large, stainless steel feed table resists rust
- Built in America and backed with a full One-Year Warranty



MADE IN
★
USA



OPEN-END DESIGN ALLOWS L-SHAPED DUCTS TO BE FORMED

Mild Steel Capacity	20 Gauge and Lighter
Bend Length	3" thru 29-1/2"
Bend Width	7/16" thru 1/2" Preset
Table Height	36"
Air Consumption (per Stroke)	<0.5 Cubic Feet/@ 100 PSI
Strokes per Minute (Approx.)	0 to 50
Machine Weight	500 pounds

