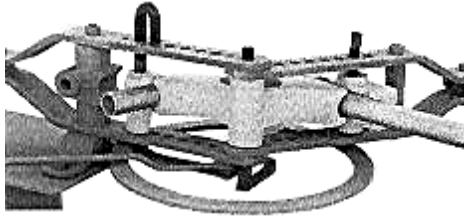


# HOSSFELD UNIVERSAL® BENDER No. 2 "Wrenchless Type"

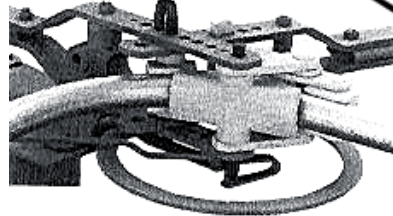
Universal No. 2 Bender

ORDERING INFO.

Bending Electro Metallic Tube (EMT), 1/2" to 2" sizes

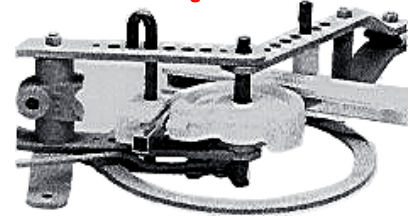


**Figure 21**  
Bends 1/2" to 1-1/4" sizes EMT on 90° Single Pull Dies. Makes full round, smooth bends without wrinkling because tube is entirely supported from the outside. NO MANDRELS or FILLERS are needed.



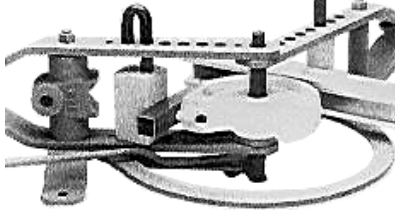
**Figure 22**  
Bends 1-1/2" to 2" sizes on Feed-Along Type Dies. Use of compound leverage principle makes it easy to bend large EMT. Standard radius die for each size furnished. Ideal for making 90° bends, 180° return bend, and offsets.

Square Tube Bends using the Back Block or No. 11B and Holding Pin



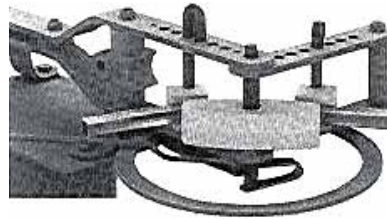
**Figure 23**  
Smooth Bends and Square Tubing are easy to make on the No. 2 HOSSFELD UNIVERSAL® Bender. Die sets for bending

Square Tube Bends using the Back Block or No. 11B and Holding Pin (cont.)



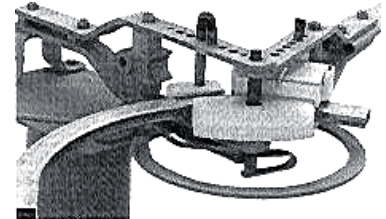
**Figure 23-1**  
1/2", 3/4", 7/8" and 1" square tubing, 16 gauge through 10 gauge wall, to 3", 4", 5" or 6" inside radius are available.

Larger Radius Bends on Square Tubing



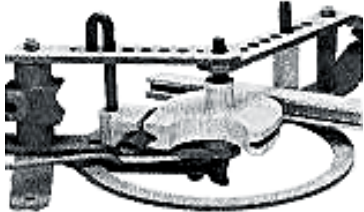
**Figure 23-2**  
Larger Radius Bends from 8" inside radius and up on Square Tube up to 1-1/2" size.

Bending Rectangular Tube

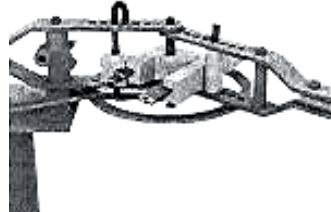


**Figure 23.3**  
Feed-Along Type tooling for edgending Rectangular Tube, 3/4" x 1-1/2", 1" x 1-1/2" and 1" x 2" to 10" Minimum Inside Radius.

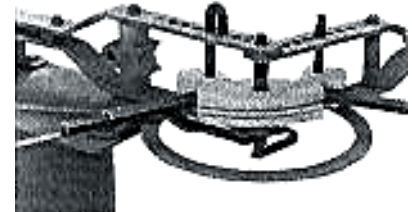
## Edgebending Hand Rail Capping



**Figure 24**  
4" Centerline Radius can be done without twisting or distortion.

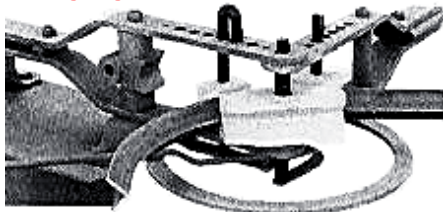


**Figure 24-1**  
Edgebending Handrail Cap and 1" x 1/2" x 1/8" Channel Combined. Hydraulic attachment and "L" Type Swinging Frame not shown, but is recommended.



**Figure 24-2**  
Bending two and three piece Molded Handrail Assembly to larger radius, 10" and up.

Bending Angle Iron Heel Inward



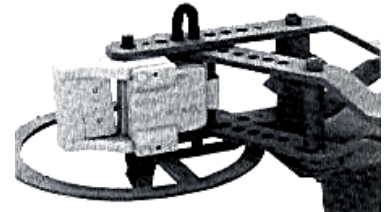
**Figure 24-3**  
Bend Angle Iron 1/2" x 1/2" x 1/8" Through 1-1/2" x 1-1/2" x 3/16" Heel Inward to 10" or larger radius.

Bending Angle Iron Heel Outward



**Figure 24-4**  
Bend Angle Iron 1/2" x 1/2" x 1/8" through 1-1/2" x 1-1/2" x 3/16" to 10" Heel Outward to 14" or larger radius.

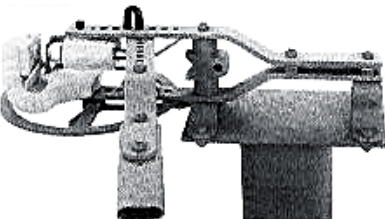
Shear Attachment



**Figure 25**  
As illustrated above, Shearing is now possible up to 3/8" x 2" flat bar stock, and up to 1/2" round or square bar stock—HOT ROLL MILD STEEL (HRMS) or equivalent. The Standard No. 61B Shear Attachment Complete, comes with set of No. 61B1 Blades, and No. 53B Wrist Pin.

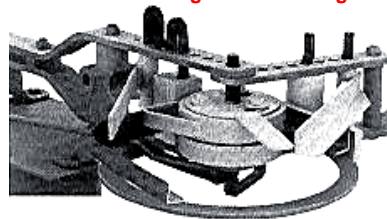
## Dies and Attachments for Special Purpose Operations

Punch Attachment



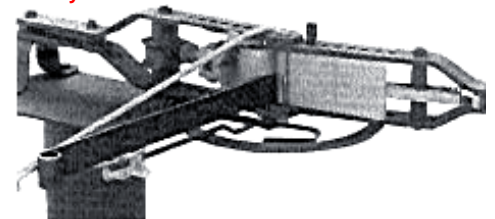
**Figure 26**  
Illustrated above. Punching is possible up to 3/8" diameter hole in 3/8" HOT ROLL MILD STEEL or equivalent. The standard No. 62B Punch Attachment comes with No. 53B Wrist Pin and Coupling Nut. No. 62B1 Round or Square Punch and Die Sets are available

One Pull Inbend Angle Iron Bending



**Figure 27**  
No. 102B one pull type die set for bending 3/4" x 3/4" x 1/8", through 1-1/4" x 1-1/4" x 1/8" angle iron flange inward without wrinkling. 2-3/4", 3" and 3-3/8" radius are available.

Flat Eye Attachment



**Figure 28**  
Attachment for bending eyes on Trailer or Truck Springs as well as other flat stock for heavy hinges, etc. Capacity for Hot Bending, 4-1/2" x 3/8" Spring steel or it's equivalent.

Special Dies for Problem Bends Designed and Built at Low Cost