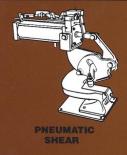


# metal cutting shears

SAVE
TIME...
LABOR...
MATERIALS







- \* Most advanced line of shears made
- \* Designed for fast, easy operation
- ★ Precision made—reasonably priced

# BEVERLY throatless shear

B-3

MAKE CUTS
LIKE THESE ON
A BEVERLY
QUICKLY . . .

EASILY ...

Cuts made in 18 ga. metal with Model B-1 Shear.

Beverly Throatless Shears are ideal all-purpose metal cutting tools because they permit any desired cut in heavy gauges, yet handle lighter metals without distortion. Unique shoulder design allows work to be turned in any position during the cut. Geared rack and pinion makes heavy metal cutting easy. Upper and lower blades are positioned to provide a clean, knurl-free cut, regardless of material.

# DESIGN AND OPERATING FEATURES OF THE BEVERLY THROATLESS SHEAR

- 1 Alloy steel rack and pinion gives great power with little effort.
- 2 Removable handle for easy portability.
- 3 Alloy steel body designed to give maximum rigidity and strength.
- 4 Adjustable hold down (B-3 only)
- 5 Highest grade blades have correct rake to provide clean, burr-free cutting. Blades are adjustable for wear and are quickly interchangeable.
- 6 Alloy steel pivot point.
- 7 2-point lower blade adjustment.
- 8 Exclusive design of shoulder permits turning work to any shape or position.
- 9 Lower blade retaining clamp is keyed to keep blades tight and rigid.
- 10 Steel base drilled for mounting Shear on Stand or bench.

#### MODEL B-3

Capacity 3/16" mild steel, 10 gauge stainless. Equipped with High Carbon High Chrome Blades.

| Weight              |  |  |  |  |  |  |  |  |  |  |  | 58 | 8 | lbs. |
|---------------------|--|--|--|--|--|--|--|--|--|--|--|----|---|------|
| Width               |  |  |  |  |  |  |  |  |  |  |  |    |   | 9"   |
| Height less handle. |  |  |  |  |  |  |  |  |  |  |  |    |   | 15"  |
| Handle              |  |  |  |  |  |  |  |  |  |  |  |    |   | 30"  |
| Depth               |  |  |  |  |  |  |  |  |  |  |  |    |   | 14"  |
| Lower Blade Length  |  |  |  |  |  |  |  |  |  |  |  |    |   |      |
| Length of Cut       |  |  |  |  |  |  |  |  |  |  |  |    |   |      |

"Shear it Cleverly we









| Capacity: 10 gauge mild; 14 gauge stainless. |
|--|
| Weight 35 lbs.                               |
| Height less handle                           |
| Handle                                       |
| Width  |
| Depth  |
| Lower Blade Length 4 3/8"                    |
| Length of Cut                                |

### BEVERLY

# Pneumatic Shear

Beverly Pneumatic Shears have all the advantages of Beverly Throatless shears plus fast, effortless cutting action through air cylinder operation. Air operation speeds work, permits more accurate cutting to a pattern or template, as operator can concentrate on guiding work through the Shear. It is activated by 115 V 60 Cycle AC (unless otherwise requested), with a minimum of 105 PSI air pressure at rated capabilities per unit.



Flow Control Valves govern the forward and return stroke speed of the Shear. Any combination of power and return stroke speeds may be obtained by simple adjustments of the Valves. Length of stroke may be adjusted by positioning actuating arm where desired. Efficient muffler makes operation virtually noiseless. Foot switch permits operator to use both hands in guiding work: steady pressure on Switch keeps Shear moving through cutting cycle continuously—releasing pressure instantly returns Shear to starting position.

| Specifications                  | PBB3     | PB 3     | PB6      |
|---------------------------------|----------|----------|----------|
| Shearing Capacity               |          |          |          |
| 50,000 PSI Tensile (Mild Steel) | 3/16"    | 3/16"    | 5/16"    |
| Stainless Steel                 | 10 gauge | 10 gauge | 1/4"     |
| Height                          | 24"      | 24"      | 28 1/2"  |
| Width                           | 14"      | 14"      | 15 1/2"  |
| Depth                           | 25"      | 25"      | 29"      |
| Lower Blade Length              | 5 5/8"   | 5 5/8"   | 5 5/8"   |
| Length of Cut                   | 4 1/4"   | 4 1/4"   | 4 1/4"   |
| Approx. Shipping Weight         | 115 lbs. | 125 lbs. | 155 lbs. |

## **BEVERLY SS** series slitting shear

Beverly SS Series Slitting Shears, made in 2 sizes to handle 10 ga. and 3/16" mild steel, incorporate the most advanced design features to provide maximum cutting capacity with minimum size and weight. Compounded linkage provides easy cutting action in heaviest metals. Rigid, strongly braced frame holds upper and lower blades in perfect alignment to assure clean cutting action. Equipped with high carbon, high chrome blades.

| Specifications                 | SS-2                  | SS-3                   |
|--------------------------------|-----------------------|------------------------|
| Slitting Capacity (mild steel) | 10 ga.                | 3/16"                  |
| Trimming Capacity (mild steel) | 3/16"                 | 1/4"                   |
| Bar Capacity                   | 3/16" x 2"            | 1/4" x 2"              |
| Stainless Steel                | 14 ga.                | 10 ga.                 |
| Weight                         | 10 1/2 lbs.           | 25 lbs.                |
| Height                         | 8" less<br>20" handle | 13" less<br>30" handle |
| Depth                          | 8"                    | 11"                    |
| Blade Length                   | 3 1/2"                | 4 1/4"                 |
| Length of Cut                  | 2 1/2"                | 2 1/2"                 |



#### USES OF BEVERLY SHEARS



SS2 Shear; shown cutting stainless steel mesh material.

SS2 Shear; modified upper

blade and frame; shown cutting nail plate stock to

length or shapes for truss

manufacture or other joining

of wooden, etc. parts.



SS2 Shear; modified lower blade and frame; shown here cutting a formed slide bar.



B-1 Beverly Shear; set to cut 1/4" flat braided ground cable ends and or to length.



B-1 Beverly Shear; set to cut braided stock and/or braided covered hose to length and/or for end fittings.



SS2 Shear; modified with square cut device and adjustable depth stop; shown cutting band saw blade stock to make saw blades to length before weld/or brazing ends.



Beverly Shear Series; zig-zag cuts are easily made on a throatless shear because movement of the work is unhampered by a throat or center post.



SS Slitting Series Shears are used primarily for making straight cuts. The Beverly SS-3 illustrated is making a cut in ¼ in. x 2 in. bar stock. An adjustable hold-down keeps material flat during the cut.

#### WHAT UNIQUE USE DO YOU HAVE FOR A BEVERLY

# **BEVERLY** shear floor stand

The Beverly Shear Floor Stand was developed to meet the need for a rigid base which would occupy little floor space and bring any Beverly Shear to the most efficient operating position. Mounted on the Stand, a Shear is accessible from all sides and the work can be seen from any angle. All steel welded construction and tripod design makes the Stand an ideal mount for other machines or tools as well. The base is drilled to receive a Shear or Slitter, but can be furnished blank for mounting any other machine or tool.

- Steel base furnished drilled for any Beverly Shear.
- Tubular steel legs . . . light, yet strong.
   Tripod design provides maximum stability.

When ordering, please specify whether the Stand is to be used with a Beverly Throatless Shear or the Slitting Shear Model.

#### **Specifications**

| Weight                     | . 25 lbs. |
|----------------------------|-----------|
| Height overall             | 30"       |
| Front leg spread           | 20"       |
| Distance Front to Back Leg | 28"       |
| Table Top                  | 7" x 11"  |
| Floor Space Required 2     | 4" x 30"  |



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