

**PROUD AMERICAN MANUFACTURER**

**ACAT**

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Scotchman

Scotchman  
MADE IN U.S.A.

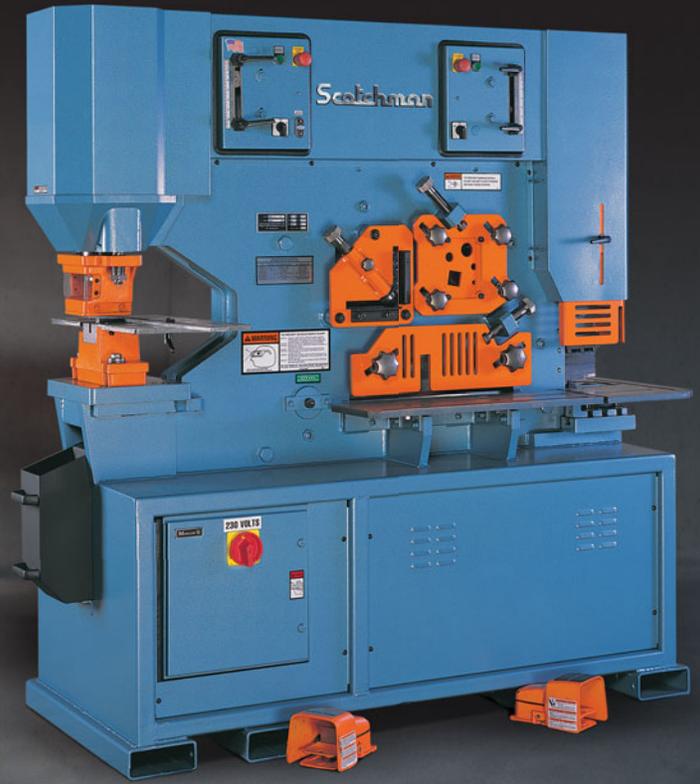
# Scotchman™

Metal Fabricating Solutions

*Ironworkers | Cold Saws | Automatic Sawing Systems | Hydraulic Press | Pipe Notchers | Measuring Devices*

# Ironworkers

IRONWORKERS



## Single & Dual Operator Hydraulic Ironworkers

### American Made with 3-Year Warranty

Backed by the Scotchman reputation of superior quality and dependability, our ironworkers are built tough to last generations. Models range in capacity from 45-150 tons and are available in two distinct styles.

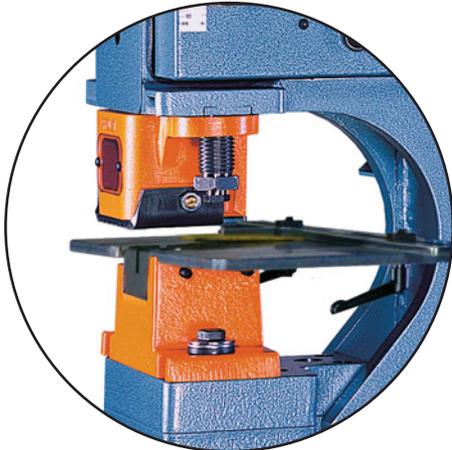
- Our unique Component Tool Table style provides flexibility to swap-out tooling quickly for those quick turnaround jobs. The variety of tooling options available for this style gives it unmatched versatility to any other machine on the market.
- Fully-Integrated Ironworkers feature built-in tools and are suited best for repetitive, higher volume projects.

#### CAPACITY CHART QUICK REFERENCE GUIDE ... 5-6

|                       |       |
|-----------------------|-------|
| 45 TON                | 7-8   |
| 50 TON                | 9-10  |
| 65 TON                | 11    |
| 70 TON                | 12    |
| 85 TON                | 13-14 |
| 90 TON                | 15    |
| 95 TON                | 16    |
| 120 TON               | 17-18 |
| 135 TON               | 19    |
| 150 TON               | 20    |
| OPTIONAL TOOLING      | 21-22 |
| CUSTOM TOOLING        | 23    |
| IN-STOCK PUNCH & DIES | 24    |
| PRODUCTION SHEAR      | 25    |



# Component Tool Style Workstations

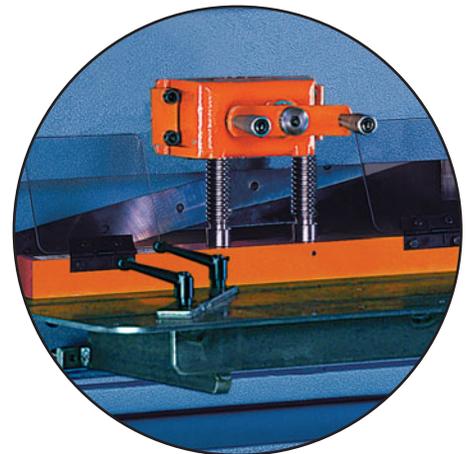


## **PUNCH:**

The punch station is one of the most functional standard tools on any ironworker. A full range of punches & dies in standard shapes and increments are available in-stock for your various punching needs, plus tooling can be custom built for your special application. This workstation can also be used for additional applications beyond strictly punching.

## **FLAT BAR SHEAR:**

A flat bar shear is a standard workstation on all ironworkers, but not all bar shears are created equal. All Scotchman ironworkers have a shear with a variable rake angle which minimizes distortion of the cut and increases cut time for a faster shear cycle. From 6" to 24" in width, each Scotchman ironworker is equipped with the best shear for its capacity. Hold-downs are easily adjustable with good visibility, and the reversible shear blades provide a long life of plate shearing.

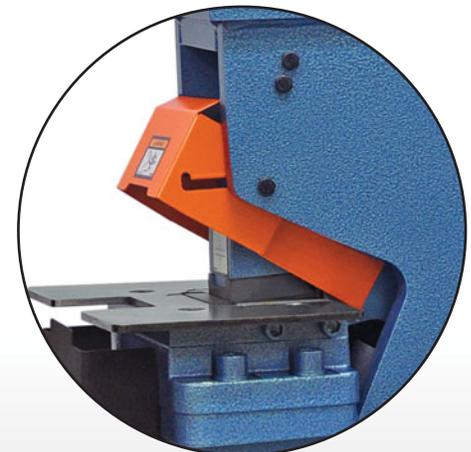


## **ANGLE SHEAR:**

This useful tool is standard on every Scotchman ironworker. Produces a distortion free cut, and can easily & quickly 45° miter cut.

## **NOTCHER:**

Ideal for notching and nibbling of plate and angle iron. When versatility is key, a copier notcher is essential. Standard workstation on most Scotchman ironworker models, but available as an option on the models it is not standard.



## **TOOL TABLE WORKSTATION FOR COMPONENT TOOLS:**

When versatility and flexibility are key, our unique tool table workstation is indispensable! This tool table design is unique to Scotchman and creates a workstation that is fully customizable allowing an extensive variety of different tooling options to be used and switched out easily, without losing the punch station. This workstation acts as an additional power source which allows users to tailor the machine to their individual needs.

Scotchman has a variety of tooling options available as well as a full-time custom tooling department making the options nearly endless.

# Ironworker Capacities

IRONWORKERS

|   |                   | 45 ton  | 50 ton  | 50 ton  | 65 ton   | 70 ton  | 85 ton  |
|---|-------------------|---|---|---|--|---|---|
|   |                   | Single Operator   | Single Operator   | Single Operator   | Single Operator  | Dual Operator   | Single Operator   |
| Machine Design Style  |                   | Component Tool Table  | Component Tool Table  | Component Tool Table  | Component Tool Table   | Component Tool Table  | Fully Integrated Tools  |
| Punch   | Throat Depth      | 4-1/4"  | 6"  | 4"  | 9"   | 9"  | 10"   |
|   | Tonnage           | 45 ton  | 50 ton  | 50 ton  | 65 ton   | 70 ton  | 85 ton  |
|   | Capacity          | 1-1/8" in 1/2"  | 1-1/4" in 1/2"<br>13/16" in 3/4"  | 1-1/4" in 1/2"<br>13/16" in 3/4"  | 1-1/16" in 3/4"  | 1-1/8" in 3/4"  | 1-1/16" in 1"   |
|   | Max. Hole         | 2-1/4"  | 2-1/4"  | 2-1/4"  | 4"   | 4"  | 4"  |
| Bar Shear   | Blade Length      | 6"  | 14"   | 14"   | 24"  | 24"   | 20"   |
|   | Max. Capacity     | 1/2" x 4"   | 3/4" x 4"   | 3/4" x 4"   | 1" x 6"  | 1" x 6"   | 1" x 12"  |
|   |                   | 3/8" x 6"   | 1/2" x 8"<br>3/8" x 10"<br>1/4" x 14"   | 1/2" x 8"<br>3/8" x 10"<br>1/4" x 14"   | 3/4" x 10"<br>1/2" x 12"<br>3/8" x 16"<br>1/4" x 24"                                 | 3/4" x 10"<br>1/2" x 14"<br>3/8" x 24"  | 3/4" x 20"  |
| Angle Shear   | Angle Shear, 90°  | 3" x 3" x 5/16"   | 4" x 4" x 3/8"  | 4" x 4" x 3/8"  | 6" x 6" x 3/8"<br>5" x 5" x 1/2"   | 6" x 6" x 1/2"  | 6" x 6" x 1/2"  |
|   | Angle Shear, 45°  | 2" x 2" x 1/4"  | 2" x 2" x 1/4"  | 2" x 2" x 1/4"  | 3" x 3" x 3/8"<br>4" x 4" x 1/2" (with bar shear)                                    | 3" x 3" x 3/8"<br>4" x 4" x 1/2" (with bar shear)                                     | 4" x 4" x 1/2" (with bar shear)   |
| Channel Shear   | Size Avail.       | up to 3"  | up to 3"  | up to 3"  | 2" to 5" adjustable  | 2" to 6" adjustable   | 2" to 6" adjustable   |
| Rod Shear   | Round Rod         | 1/4" to 1", 5 cavity  | 1/4" to 1", 5 cavity  | 1/4" to 1", 5 cavity  | 1/4" to 1-1/4", 9 cavity   | 1/4" to 1-1/4", 9 cavity  | 1-1/2", 1 cavity  |
|   | Square Rod        | 1/4" to 3/4", 1 cavity  | 1/4" to 3/4", 1 cavity  | 1/4" to 3/4", 1 cavity  | 1/4" to 1", 1 cavity   | 1/4" to 1", 1 cavity  | 1-1/4", 1 cavity  |
| Tube Shear  | Square Tube       | 1/2" to 1", 12 gauge  | 1/2" to 1", 12 gauge  | 1/2" to 1", 12 gauge  | 1/2" to 2", 12 gauge   | 1/2" to 2", 12 gauge  | 1/2" to 2", 12 gauge  |
| Notcher   | Rectangle         | 2" x 1-3/4" x 1/4"  | 2-1/2" x 3" x 5/16"<br>2-1/2" x 2-3/4" x 3/8"                                       | 2-1/2" x 3" x 5/16"<br>2-1/2" x 2-3/4" x 3/8"                                       | 2" x 2-1/2" x 3/8"   | 3" x 5" x 3/8"<br>3" x 4" x 1/2"  | 3" x 5" x 1/2"  |
|   | 90° V             | 6" x 6" x 1/8"  | 6" x 6" x 1/8"<br>3" x 3" x 1/4"  | 6" x 6" x 1/8"<br>3" x 3" x 1/4"  | 6" x 6" x 5/16"  | 6" x 6" x 5/16"   | 3" x 3" x 1/2" (Notcher Station)<br>6" x 6" x 5/16" (Punch Station)                   |
|   |                   | Pipe (Sch. 40)  | 3/4" to 2"  | 3/4" to 2"  | 3/4" to 2"   | 3/4" to 2"  | 3/4" to 2"  |
| Bending   | Brake Size Avail. | 6", 8", 12", 6" Open-End  | 6", 8", 12", 6" Open-End  | 6", 8", 12", 6" Open-End  | 12", 24", 6" Open-End  | 12", 24", 6" Open-End   | 12", 24", 6" Open-End   |
| Picket Tool   | Size              | 1/2", 3/4", & 1" (16 gauge)  | 1/2", 3/4", & 1" (16 gauge)   | 1/2", 3/4", & 1" (16 gauge)   |
| Motor   | Standard          | 110v  | 230/460v, 3 ph  | 230/460v, 3 ph  | 230/460v, 3 ph   | 230/460v, 3 ph  | 230/460v, 3 ph  |
|   | Optional          | 220v, 1 ph  | 220v, 1 ph  | 220v, 1 ph  | 220v, 1 ph   | 220v, 1 ph  | 220v, 1 ph  |
| <p>*Not all functions &amp; capacities are standard, but can be achieved with optional tooling.</p> <p>*Custom built tooling is available upon request.</p> |                   |  |  |  |  |  |  |
| Model Name  |                   | Porta Fab 45  | 50514-EC  | 5014-ET   | 6509   | DO 70   | FI 85   |
|   |                   | Page 7  | Page 9  | Page 9  | Page 11  | Page 12   | Page 13   |

# Quick Reference Guide

IRONWORKERS

| 85 ton  |  | 90 ton  |  | 95 ton  |  | 120 ton   |  | 120 ton   |  | 135 ton  |  | 150 ton   |  | Production Shear  |  |                                      |  |
|---|--|---|--|---|--|---|--|---|--|--|--|---|--|---|--|--------------------------------------|--|
| Dual Operator   |  | Single Operator   |  | Dual Operator   |  | Single Operator   |  | Dual Operator   |  | Dual Operator  |  | Dual Operator   |  | Single Operator   |  |                                      |  |
| Fully Integrated Tools  |  | Component Tool Table   |  | Component Tool Table  |  | Shear Only  |  |                                      |  |
| 14"   |  | 12"   |  | 9"  |  | 12"   |  | 12"   |  | 12"  |  | 12"   |  | N/A   |  |                                      |  |
| 85 ton  |  | 90 ton  |  | 95 ton  |  | 120 ton   |  | 120 ton   |  | 135 ton  |  | 150 ton   |  |   |  |                                      |  |
| 1-1/16" in 1"   |  | 1-1/8" in 1"  |  | 1-3/16" in 1"   |  | 1-1/2" in 1"  |  | 1-1/2" in 1"  |  | 1-11/16" in 1"   |  | 1-7/8" in 1"  |  |   |  |                                      |  |
| 4"  |  | 4"  |  | 4"  |  | 4"  |  | 4"  |  | 4"   |  | 4"  |  | N/A   |  |                                      |  |
| 20"   |  | 24"   |  | 24"   |  | 24"   |  | 24"   |  | 24"  |  | 24"   |  |   |  |                                      |  |
| 1" x 14"<br>3/4" x 20"  |  | 1" x 8"<br>3/4" x 12"<br>1/2" x 16"<br>1/4" x 24"                                   |  | 1" x 8"<br>3/4" x 12"<br>1/2" x 16"<br>3/8" x 24"                                   |  | 1" x 12"<br>3/4" x 20"<br>1/2" x 24"  |  | 1" x 12"<br>3/4" x 20"<br>1/2" x 24"  |  | 1" x 12"<br>3/4" x 20"<br>1/2" x 24"   |  | 1" x 14"<br>3/4" x 24"  |  |   |  | 1" x 12"<br>3/4" x 16"<br>1/2" x 24" |  |
| 6" x 6" x 1/2"  |  | 6" x 6" x 1/2"  |  | 6" x 6" x 1/2"  |  | 6" x 6" x 1/2"  |  | 6" x 6" x 1/2"  |  | 6" x 6" x 1/2"   |  | 6" x 6" x 1/2"  |  |   |  |                                      |  |
| 4" x 4" x 1/2"<br>(with bar shear)  |  | 3" x 3" x 3/8"<br><br>4" x 4" x 1/2"<br>(with bar shear)                            |  | 3" x 3" x 3/8"<br><br>4" x 4" x 1/2"<br>(with bar shear)                            |  | 3" x 3" x 3/8"<br><br>4" x 4" x 1/2"<br>(with bar shear)                            |  | 3" x 3" x 3/8"<br><br>4" x 4" x 1/2"<br>(with bar shear)                            |  | 3" x 3" x 3/8"<br><br>4" x 4" x 1/2"<br>(with bar shear)                             |  | 3" x 3" x 3/8"<br><br>4" x 4" x 1/2"<br>(with bar shear)                              |  |   |  |                                      |  |
| 2" to 6"  |  | 2" to 6"<br>adjustable   |  | 2" to 6"<br>adjustable  |  |   |  |                                      |  |
| 1/2", 3/4", 1",<br>1-1/2", 4 cavity   |  | 1/4" to 1-1/4",<br>9 cavity   |  | 1/4" to 1-1/4",<br>9 cavity   |  | 1/4" to 1-1/4",<br>9 cavity   |  | 1/4" to 1-1/4",<br>9 cavity   |  | 1/4" to 1-1/4",<br>9 cavity  |  | 1/4" to 1-1/4",<br>9 cavity   |  |   |  |                                      |  |
| 1-1/2",<br>1 cavity   |  | 1/4" to 1",<br>1 cavity   |  | 1/4" to 1",<br>1 cavity   |  | 1/4" to 1",<br>1 cavity   |  | 1/4" to 1",<br>1 cavity   |  | 1/4" to 1",<br>1 cavity  |  | 1/4" to 1",<br>1 cavity   |  |   |  |                                      |  |
| 1/2" to 2",<br>12 gauge   |  | 1/2" to 2",<br>12 gauge   |  | 1/2" to 2",<br>12 gauge   |  | 1/2" to 2",<br>12 gauge   |  | 1/2" to 2",<br>12 gauge   |  | 1/2" to 2",<br>12 gauge  |  | 1/2" to 2",<br>12 gauge   |  |   |  |                                      |  |
| 2" x 4" x 1/2"  |  | 2" x 2-1/2" x 3/8"  |  | 3" x 5" x 3/8"<br>3" x 4" x 1/2"  |  | 2" x 2-1/2" x 3/8"  |  | 3" x 5-3/4" x 1/2"  |  | 3" x 5-3/4" x 1/2"   |  | 3" x 5-3/4" x 1/2"  |  |   |  |                                      |  |
| 3" x 3" x 1/2"<br>(Notcher Station)<br>6" x 6" x 5/16"<br>(Punch Station)           |  | 6" x 6" x 5/16"  |  | 6" x 6" x 5/16"   |  |   |  |                                      |  |
| 3/4" to 2"  |  | 3/4" to 2"  |  | 3/4" to 2"  |  | 3/4" to 2"  |  | 3/4" to 2"  |  | 3/4" to 2"   |  | 3/4" to 2"  |  |   |  |                                      |  |
| 12", 24",<br>6" Open-End  |  | 12", 24",<br>6" Open-End  |  | 12", 24",<br>6" Open-End  |  | 12", 24",<br>6" Open-End  |  | 12", 24",<br>6" Open-End  |  | 12", 24",<br>6" Open-End   |  | 12", 24",<br>6" Open-End  |  |   |  |                                      |  |
| 1/2", 3/4", & 1"<br>(16 gauge)  |  | 1/2", 3/4", & 1"<br>(16 gauge)  |  | 1/2", 3/4", & 1"<br>(16 gauge)  |  | 1/2", 3/4", & 1"<br>(16 gauge)  |  | 1/2", 3/4", & 1"<br>(16 gauge)  |  | 1/2", 3/4", & 1"<br>(16 gauge)   |  | 1/2", 3/4", & 1"<br>(16 gauge)  |  |   |  |                                      |  |
| 230/460v, 3 ph<br>220v, 1 ph  |  | 230/460v, 3 ph<br>220v, 1 ph  |  | 230/460v, 3 ph<br>220v, 1 ph  |  | 230/460v, 3 ph<br>220v, 1 ph  |  | 230/460v, 3 ph<br>220v, 1 ph  |  | 230/460v, 3 ph<br>220v, 1 ph   |  | 230/460v, 3 ph<br>220v, 1 ph  |  |   |  |                                      |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |                                      |  |
| DO 85   |  | 9012  |  | DO 95   |  | 12012   |  | DO 120  |  | DO 135   |  | DO 150  |  | ShearMaster 610   |  |                                      |  |
| Page 14   |  | Page 15   |  | Page 16   |  | Page 17   |  | Page 18   |  | Page 19  |  | Page 20   |  | Page 25   |  |                                      |  |

# 85 Ton

IRONWORKERS



**SINGLE OPERATOR**

**5 STATIONS**

## FI 8510-20M

### Capacities and Specifications

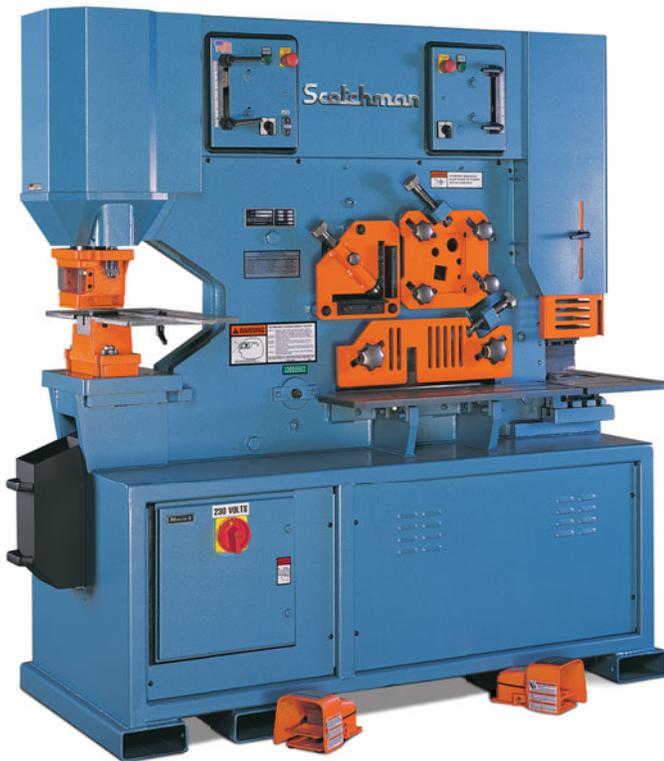
Rated On: A36 Mild Steel / 65,000 PSI Tensile

|   |   |
|---|---|
| <b>Punching Capacity</b>                    | 85 ton (77 mt)<br>1-1/16" in 1" (27 mm in 25 mm)                          |
| <b>Special Tooling</b>                      | 4" (102 mm) Max. Dia.   |
| <b>Throat Depth</b>                         | 10" (254 mm)  |
| <b>Flat Bar Shear</b>                       | 20" Length (508 mm)<br>1" x 12" (25 x 305 mm)<br>3/4" x 20" (19 x 508 mm) |
| <b>Angle Shear 90°</b>                      | 6" x 6" x 1/2" (152 x 152 x 12 mm)  |
| <b>Angle Shear 45° (with Bar Shear)</b>     | 4" x 4" x 1/2" (102 x 102 x 12 mm)  |
| <b>Brake 12"</b>                            | 85 ton (77 mt)  |
| <b>Brake 24"</b>                            | 85 ton (77 mt)  |
| <b>Open End Brake</b>                       | Max. 1/4" x 5" (6 x 127 mm)<br>[Flat or Angle Iron]                       |
| <b>Pipe Notcher Schedule 40</b>             | 3/4", 1", 1-1/4", 1-1/2", 2"  |
| <b>Rectangle Notcher</b>                    | 3" x 5" x 1/2" (76 x 127 x 12 mm)   |
| <b>90° V-Notcher (Punch Station)</b>        | 6" x 6" x 5/16" (152 x 152 x 8 mm)  |
| <b>Channel Shear</b>                        | 2" to 6" adj. (51 mm to 152 mm adj.)                                      |
| <b>Unistrut Shear</b>                       | Samples Required  |
| <b>Rod Shear Round (max.)</b>               | 1 cavity, 1-1/2" (38 mm)  |
| <b>Rod Shear Square (max.)</b>              | 1 cavity, 1-1/4" (32 mm)  |
| <b>Square Tube Shear</b>                    | 1/2" to 2" (12 mm to 51 mm)<br>12 gauge (0.105" / 2.7 mm)                 |
| <b>Picket Tool</b>                          | 1/2", 3/4" & 1" (12 mm, 19 mm, 25 mm)<br>16 gauge (0.06" / 1.5 mm)        |
| <b>Weld Coupon Bender (max.)</b>            | 2" wide x 3/8" (51 mm x 10 mm)  |
| <b>Offset Die Holder</b>                    | Max. 40 ton (36 mt)   |
| <b>Strokes per minute in light material</b> | 51 spm (1/4" stroke) [Punch Station]                                      |
| <b>Strokes per minute in heavy material</b> | 24 spm (3/4" stroke) [Punch Station]                                      |
| <b>Hydraulics</b>                           | 2,600 psi (179 bar)   |
| <b>Motor Options (must specify)</b>         | 5 hp 3 ph (3.76 kW) 208/230/460, 380/575v<br>5 hp 1 ph (3.76 kW) 220v     |
| <b>Dimensions</b>                           | L-67-3/4" (172 cm)<br>W-32" (81.5 cm)<br>H-78" (198 cm)                   |
| <b>Shipping Weight (may vary)</b>           | 4,554 lbs. (2,066 kg)   |

### STANDARD FEATURES

- 85 ton punch station
- Keyed punch ram for safety
- Punch gauging table with fence and scale
- Die holder complete with 2" die insert
- Punch nut with wrench & stripper
- Adjustable swing-away stripper
- One round punch & die: max. diameter 1-1/4"
- Punch jog control
- Adjustable electric stroke control with scale
- Electric remote foot pedal
- Slug-less angle shear
- Flat bar shear
- Shear table with miter fence
- Rod shear
- Slug receptacles
- Rectangle notcher with table, scale and guide
- Two-stage hydraulic pump
- Electrical box supplied with emergency palm button and lock-out tag-out accommodations
- Complies with ANSI B 11.5 safety standards
- Forklift accommodations
- Three-year warranty on parts
- Made in USA





**DUAL  
OPERATOR**  
**5 STATIONS**

## DO 8514-20M

### Capacities and Specifications

Rated On: A36 Mild Steel / 65,000 PSI Tensile

|   |  |
|---|--|
| <b>Punching Capacity</b>  | 85 ton (77 mt)<br>1-1/16" in 1" (27 mm in 25 mm)                           |
| <b>Special Tooling</b>  | 4" (102 mm) Max. Dia.  |
| <b>Throat Depth</b>   | 14" (355 mm)   |
| <b>Flat Bar Shear</b>   | 20" Length, (508 mm)<br>1" x 14" (25 x 355 mm)<br>3/4" x 20" (19 x 508 mm) |
| <b>Angle Shear 90°</b>  | 6" x 6" x 1/2" (152 x 152 x 12 mm)   |
| <b>Angle Shear 45°<br/>(with Bar Shear)</b>                       | 4" x 4" x 1/2" (102 x 102 x 12 mm)   |
| <b>Brake 12"</b>  | 85 ton (77 mt)   |
| <b>Brake 24"</b>  | 85 ton (77 mt)   |
| <b>Open End Brake<br/>(Notcher Station)</b>                       | Max. 1/2" x 6" (12 x 152 mm)<br>[Flat or Angle Iron]                       |
| <b>Open End Brake<br/>(Punch Station)</b>                         | Max. 1/4" x 5" (6 x 127 mm)<br>[Flat or Angle Iron]                        |
| <b>Pipe Notcher<br/>Schedule 40</b>                               | 3/4", 1", 1-1/4", 1-1/2", 2"   |
| <b>Rectangle Notcher</b>  | 2" x 4" x 1/2" (51 x 101 x 12 mm)  |
| <b>90° V-Notcher<br/>(Punch Station)</b>                          | 6" x 6" x 5/16" (152 x 152 x 8 mm)   |
| <b>90° V-Notcher<br/>(Notcher Station)</b>                        | 3" x 3" x 1/2" (76 x 76 x 12 mm)   |
| <b>Punch Attachment<br/>(Notcher Station)</b>                     | 50 ton 1-1/4" in 1/2" (32 mm in 12 mm)                                     |
| <b>Throat Depth w/<br/>Punch attachment<br/>(Notcher Station)</b> | 4-7/16" (113 mm)   |
| <b>Channel Shear</b>  | 2" to 6" (51 mm to 152 mm)   |
| <b>Unistrut Shear</b>   | Samples Required   |
| <b>Rod Shear<br/>Round (max.)</b>                                 | 4 cavities, 1/2", 3/4", 1", 1-1/2"<br>(12 mm, 19 mm, 25 mm, 38 mm)         |
| <b>Rod Shear<br/>Square (max.)</b>                                | 1 cavity, 1-1/2" (38 mm)   |
| <b>Square Tube Shear</b>  | 1/2" to 2" (12 mm to 51 mm)<br>12 gauge (0.105" / 2.7 mm)                  |
| <b>Picket Tool</b>  | 1/2", 3/4" & 1" (12 mm, 19 mm, 25 mm)<br>16 gauge (0.06" / 1.5 mm)         |
| <b>Weld Coupon Bender<br/>(max.)</b>                              | 2" wide x 3/8"<br>(51 mm x 10 mm)  |
| <b>Offset Die Holder</b>  | Max. 40 ton (36 mt)  |
| <b>Strokes per minute<br/>in light material</b>                   | 45 spm (1/4" stroke) [Punch Station]                                       |
| <b>Strokes per minute<br/>in heavy material</b>                   | 18 spm (3/4" stroke) [Punch Station]                                       |
| <b>Hydraulics</b>   | 3,350/3,800 psi (231/262 bar)  |
| <b>Motor Options<br/>(must specify)</b>                           | 10 hp 3 ph (7.46 kW) 208/230/460, 380/575v<br>10 hp 1 ph (7.46 kW) 220v    |
| <b>Dimensions</b>   | L-77-1/2" (197 cm)<br>W-32-1/4" (82 cm)<br>H-74" (188 cm)                  |
| <b>Shipping Weight<br/>(may vary)</b>                             | 5,504 lbs. (2,497 kg)  |

### STANDARD FEATURES

- Dual operator allows for two operators to work at the same time at full capacity
- 85 ton punch station
- Keyed punch ram for safety
- Punch gauging table with fence and scale
- Die holder complete with 2" die insert
- Punch nut with wrench & stripper
- Adjustable swing-away stripper
- One round punch & die: max. diameter 1-1/4"
- Punch jog control
- Two adjustable electric stroke controls with scale
- Two electric remote foot pedals
- Two 2-stage hydraulic pumps
- Two valves
- Slug-less angle shear
- Rectangle notcher: can be converted to a V-Notcher, 50 ton punch station, or open end brake
- Flat bar shear
- Shear table with miter fence
- Rod shear
- Slug receptacles
- Electrical box supplied with emergency palm button and lock-out tag-out accommodations
- Complies with ANSI B 11.5 safety standards
- Forklift accommodations
- Three-year warranty on parts
- Made in USA



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