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## WORK MORE IRON FOR LESS COIN

Edwards Manufacturing leads the industry with a full line of high quality, easy to maintain hydraulic ironworking machinery. From 25 Ton to 120 Ton, single or dual operator models, our Ironworkers are sure to meet your needs and exceed your expectations. Our economical JAWS and feature packed ELITE Ironworkers benefit from our extensive line of tooling and innovative hydraulic accessory tools. When ordered with our patent-pending Hydraulic Accessory Pack feature, the JAWS Ironworkers becomes a power source for our ever-expanding line of hydraulic accessory tools. This feature comes standard when you select our state-of-the-art ELITE series. Simply "Plug n' Play" with our 20 or 40 Ton Shop Press, 10 Ton Pipe/Tube Bender, Horizontal Press or Radius Roller to add value to your daily fabrication activities. Buy an Edwards and get to work!

## MADE IN AMERICA

Living and working in the heartland of America, we enjoy a simple, straightforward lifestyle that celebrates the values of good-old-fashioned hard work. Edwards Ironworking machinery is built upon these core values and is proudly **MADE IN AMERICA**. Our Ironworkers, Hydraulic Accessory Tools and associated tooling are manufactured in Albert Lea, Minnesota. We use the highest quality materials and componentry and have builders and technicians who take pride in creating the best Ironworking machinery in the world. Our continuous innovation, product performance and drive to deliver the highest quality, most competitively priced products speaks to the enduring values of American manufacturing.

## DEALER NETWORK

The Edwards Manufacturing Dealer Network is comprised of knowledgeable and motivated machinery dealers throughout the United States and all around the world. Our Dealers are committed to helping their customers work efficiently and cost effectively, maximizing their profit. We depend on our dealers to work hard for us and we are committed to working hard for them. Our talented sales and service staff is dedicated to assist with all aspects of our machinery as well as solve specific application challenges.



*Shown with optional Brake*

# EDWARDS IRONWORKERS

Edwards Manufacturing has long enjoyed supporting the steel fabrication industry with a full line of high quality, low maintenance and affordable ironworking machines. Long considered the "Swiss Army Knife" of the industry, these do-all machines punch, shear, notch and brake mild steel plate, bar-stock and angle. A wide range of accessories are available to fabricate rod, square stock, sheet metal and pipe. Our innovative Hydraulic Accessory Pack turns your Ironworker into a power source for our Shop Presses, Tube/Pipe Bender, Radius Roller and Horizontal Press.

With over 30,000 Edwards JAWS Ironworkers in service throughout the world, our reputation for rock-solid, hard working machinery is unmatched. Now we've turned our attention to innovation with Edwards ELITE Ironworkers. With all the best elements of our original Ironworker line, we have improved upon them with robust construction, integrated value-added features, superior performance and a fresh new look. Take a look at the Edwards ELITE Ironworkers and compare them to any high-end Ironworker in the marketplace and you'll see where we lead the pack. True to our history, our original JAWS and ELITE Ironworkers provide extraordinary performance and incredible value for the dollar spent.

# ELITE 110

## Superior 4 Station Ironworker

Universal Open Tooling Station  
ANSI B11.5-1988R(02) Compliant  
ETL/UL Approved Controls

### ELITE Integrated Features:

|                            |                                 |
|----------------------------|---------------------------------|
| Hydraulic Hold-Down        | Swing-Away Stripper Assembly    |
| E-Stop/Lockout-Tagout      | Roller Encoder Measuring System |
| Electric Stroke Control    | Quick Change Punch Assembly     |
| Hydraulic Accessory Pack   | Premium Gauging Tables          |
| Central Lubrication System | LED Lighting                    |

### PUNCH

|                |                       |
|----------------|-----------------------|
| Rating:        | 110 Tons              |
| Max. Capacity: | 1-3/8" Dia. in 1" A36 |
| Stroke:        | 1-13/16"              |
| Throat Depth:  | 11-3/4"               |
| Open Height:   | 8-5/8"                |
| Shut Height:   | 6-13/16"              |
| Work Height:   | 41"                   |

### FLAT BAR SHEAR

|                |            |
|----------------|------------|
| Max. Capacity: | 3/4" x 14" |
|                | 1" x 12"   |
| Max. Round:    | 1-1/4"     |
| Max. Square:   | 1-1/4"     |
| Work Height:   | 41-1/2"    |

### ANGLE SHEAR

|                |                |
|----------------|----------------|
| Max. Capacity: | 6" x 6" x 1/2" |
| Work Height:   | 50-7/8"        |

### OPEN STATION

|               |          |
|---------------|----------|
| Throat Depth: | 15-1/2"  |
| Open Height:  | 8-5/8"   |
| Shut Height:  | 6-13/16" |
| Stroke:       | 1-13/16" |
| Work Height:  | 39-3/16" |

### OPTIONAL COPER NOTCHER

|                |                    |
|----------------|--------------------|
| Max. Capacity: | 2-1/2" x 6" x 1/2" |
| Work Height:   | 44-3/16"           |

### GENERAL SPECIFICATIONS

|                  |                          |
|------------------|--------------------------|
| Standard Motor:  | 7.5 HP 3~ 208 V or 230 V |
|                  | 1765 RPM 22 A            |
| Optional Motors: | 7.5 HP 3~ 460 V          |
|                  | 1765 RPM 11 A            |
|                  | 7.5 HP 3~ 575 V          |
|                  | 1770 RPM 8 A             |
|                  | 7.5 HP 1~ 230 V          |
|                  | 1765 RPM 36 A            |
| Hydraulic Pump:  | 10-1/2 GPM - 2 Stage     |
| Valve Pressure:  | 3000 PSI                 |
| Reservoir:       | 17 Gallons               |
| Cylinder:        | 3-1/2" Ram               |

### DIMENSIONS

|                  |          |
|------------------|----------|
| Height:          | 66-1/16" |
| Width:           | 57-1/4"  |
| Depth:           | 42-3/8"  |
| Shipping Weight: | 5380 lb  |



Shown with optional Brake

# ELITE 110165

## DIMENSIONS

|                  |          |
|------------------|----------|
| Height:          | 65-1/8"  |
| Width:           | 91-9/16" |
| Depth:           | 44-7/8"  |
| Shipping Weight: | 8580 lb  |

## FLAT BAR SHEAR

|                |            |
|----------------|------------|
| Rating:        | 65 Tons    |
| Max. Capacity: | 3/8" x 24" |
|                | 1/2" x 14" |
|                | 1" x 4"    |

|              |         |
|--------------|---------|
| Max. Round:  | 1"      |
| Max. Square: | 1"      |
| Work Height: | 33-1/2" |

## ANGLE SHEAR

|                |                |
|----------------|----------------|
| Max. Capacity: | 5" x 5" x 3/8" |
| Work Height:   | 44"            |

## GENERAL SPECIFICATIONS

|                 |   |
|-----------------|---|
| Standard Motor: | 7.5 HP 3~ 208 V or 230 V<br>1765 RPM 22 A |
|-----------------|---|

|                  |                                  |
|------------------|----------------------------------|
| Optional Motors: | 7.5 HP 3~ 460 V<br>1765 RPM 11 A |
|                  | 7.5 HP 3~ 575 V<br>1770 RPM 8 A  |
|                  | 7.5 HP 1~ 230 V<br>1765 RPM 36 A |

|                        |                      |
|------------------------|----------------------|
| Hydraulic Pump:        | 10-1/2 GPM - 2 Stage |
| Valve Pressure:        | 3000 PSI             |
| Reservoir:             | 17 Gallons           |
| Cylinder (Punch Side): | 7-1/2" Bore / 3" Ram |
| Cylinder (Shear Side): | 6" Bore / 3-1/2" Ram |

## PUNCH

|                |                       |
|----------------|-----------------------|
| Rating:        | 110 Tons              |
| Max. Capacity: | 1-3/8" Dia. in 1" A36 |
| Stroke:        | 3"                    |
| Throat Depth:  | 17-3/4"               |
| Open Height:   | 9-3/4"                |
| Shut Height:   | 6-9/16"               |
| Work Height:   | 37-1/2"               |

## OPEN CAVITY

|              |         |
|--------------|---------|
| Height:      | 9"      |
| Width:       | 11-3/4" |
| Work Height: | 40-7/8" |

## COPER NOTCHER

|                |                    |
|----------------|--------------------|
| Max. Capacity: | 2-1/2" x 6" x 3/8" |
| Work Height:   | 35-5/8"            |



Shown with optional Pipe Notcher

## True Dual Operation

Five Workstations and Two Independent Power Plants  
ANSI B11.5-1988R(02) Compliant and ETL/UL Approved Controls  
Super-size Punch Throat Depth of 17-3/4"  
Universal Open Tooling Cavity

## ELITE Integrated Features:

|                            |                                 |
|----------------------------|---------------------------------|
| Hydraulic Hold-Down        | Swing-Away Stripper Assembly    |
| E-Stop/Lockout-Tagout      | Roller Encoder Measuring System |
| Electric Stroke Control    | Quick Change Punch Assembly     |
| Hydraulic Accessory Pack   | Premium Gauging Tables          |
| Central Lubrication System | LED Lighting                    |

# 25 TON

## Ideal for the Hobbyist

Two Available Workstations  
Punch Assembly with Pedestal Die Table  
Universal Open Tooling Station  
Specialized for Smaller Jobs

Compact footprint and affordability make the Edwards 25 Ton JAWS Ironworker the perfect fit for garages and small fab shops. Standard features include a Punch Assembly with Pedestal Die Table and a universal open tooling station to accept a variety of optional Tooling Accessories.

## PUNCH

|                |                      |
|----------------|----------------------|
| Rating:        | 25 Tons              |
| Max. Capacity: | 1" Dia. in 5/16" A36 |
| Stroke:        | 1"                   |
| Throat Depth:  | 5-1/2"               |
| Open Height:   | 7"                   |
| Shut Height:   | 6"                   |
| Work Height:   | 38-1/2"              |

## OPEN STATION

|               |         |
|---------------|---------|
| Stroke:       | 1"      |
| Throat Depth: | 5"      |
| Open Height:  | 8"      |
| Shut Height:  | 7"      |
| Work Height:  | 35-3/4" |

## GENERAL SPECIFICATIONS

|                  |                                |
|------------------|--------------------------------|
| Standard Motor:  | 1 HP 1~ 230 V<br>1725 RPM 7 A  |
| Optional Motors: | 1 HP 1~ 120 V<br>1725 RPM 14 A |
| Hydraulic Pump:  | 11 GPM - 2 Stage               |
| Valve Pressure:  | 2750 PSI                       |
| Reservoir:       | 3 Gallons                      |
| Cylinder:        | 1-3/4" Ram                     |

## DIMENSIONS

|                  |         |
|------------------|---------|
| Height:          | 55"     |
| Width:           | 29"     |
| Depth:           | 23"     |
| Shipping Weight: | 1200 lb |



Shown with optional Multi-Shear

# 40 TON

## The Shopmate

- Four Available Workstations
- E-Stop/Lockout-Tagout
- Universal Open Tooling Station
- Electric Stroke Control
- ANSI B11.5-1988R(02) Compliant
- ETL/UL Approved Controls

Designed for small to medium-sized shops, the Edwards 40 Ton JAWS Ironworker has the tools to get the job done. Standard features include a Punch Assembly with Pedestal Die Table, 10" wide Flat Bar Shear, Angle Shear and a universal open tooling station to accept a variety of optional Tooling Accessories.

### PUNCH

|                |                     |
|----------------|---------------------|
| Rating:        | 40 Tons             |
| Max. Capacity: | 1" Dia. in 1/2" A36 |
| Stroke:        | 1-3/8"              |
| Throat Depth:  | 7"                  |
| Open Height:   | 8"                  |
| Shut Height:   | 6-5/8"              |
| Work Height:   | 41-1/2"             |

### ANGLE SHEAR

|                |                |
|----------------|----------------|
| Max. Capacity: | 3" x 3" x 1/4" |
| Work Height:   | 52-1/2"        |

### FLAT BAR SHEAR

|                |                         |
|----------------|-------------------------|
| Max. Capacity: | 3/8" x 10"<br>1/2" x 6" |
| Work Height:   | 33-1/2"                 |

### OPEN STATION

|               |         |
|---------------|---------|
| Stroke:       | 1-3/8"  |
| Throat Depth: | 7-3/4"  |
| Open Height:  | 8"      |
| Shut Height:  | 6-5/8"  |
| Work Height:  | 35-3/4" |

### OPTIONAL COPER NOTCHER

|                |                 |
|----------------|-----------------|
| Max. Capacity: | 2" x 3" x 5/16" |
| Work Height:   | 35-3/4"         |

### GENERAL SPECIFICATIONS

|                  |  |
|------------------|--|
| Standard Motor:  | 5 HP 3~ 208 V or 230 V<br>1725 RPM 14 A  |
| Optional Motors: | 5 HP 3~ 460 V<br>1725 RPM 7 A<br>5 HP 3~ 575 V<br>1725 RPM 6 A<br>5 HP 1~ 230 V<br>1725 RPM 23 A |
| Hydraulic Pump:  | 3-1/2 GPM - 1 Stage  |
| Valve Pressure:  | 2750 PSI   |
| Reservoir:       | 7 Gallons  |
| Cylinder:        | 8-1/2" - 2-1/2" Ram  |

### DIMENSIONS

|                  |         |
|------------------|---------|
| Height:          | 60-1/2" |
| Width:           | 32"     |
| Depth:           | 23"     |
| Shipping Weight: | 1900 lb |

# 50 TON

## Compact and Versatile

- Four Available Workstations
- E-Stop/Lockout-Tagout
- Punch Assembly Designed for Optional Tooling
- Dedicated Coper Notcher Station
- Electric Stroke Control
- ANSI B11.5-1988R(02) Compliant
- ETL/UL Approved Controls

The Edwards 50 Ton JAWS Ironworker is the ideal Ironworker for the small shop that needs a powerful, versatile tool for all kinds of tasks. Standard features include a Punch Assembly with Pedestal Die Table, Flat Bar Shear, Angle Shear and a dedicated Coper Notcher station. The Punch Assembly quickly converts to an open tooling station designed to accept a variety of optional Tooling Accessories.

### PUNCH

|                |                     |
|----------------|---------------------|
| Rating:        | 50 Tons             |
| Max. Capacity: | 1" Dia. in 5/8" A36 |
| Stroke:        | 1-7/8"              |
| Throat Depth:  | 7"                  |
| Open Height:   | 8-1/8"              |
| Shut Height:   | 6-1/4"              |
| Work Height:   | 36-9/16"            |

### ANGLE SHEAR

|                |                                  |
|----------------|----------------------------------|
| Max. Capacity: | 3" x 3" x 3/8"<br>4" x 4" x 1/4" |
| Work Height:   | 39-7/8"                          |

### FLAT BAR SHEAR

|              |                         |
|--------------|-------------------------|
| Max. Width:  | 1/2" x 10"<br>3/4" x 4" |
| Max. Round:  | 3/4"                    |
| Max. Square: | 3/4"                    |
| Work Height: | 34-1/2"                 |

### COPER NOTCHER

|                |                 |
|----------------|-----------------|
| Max. Capacity: | 2" x 3" x 5/16" |
| Work Height:   | 39-1/2"         |

### GENERAL SPECIFICATIONS

|                  |  |
|------------------|--|
| Standard Motor:  | 5 HP 3~ 208 V or 230 V<br>1725 RPM 14 A  |
| Optional Motors: | 5 HP 3~ 460 V<br>1725 RPM 7 A<br>5 HP 3~ 575 V<br>1725 RPM 6 A<br>5 HP 1~ 230 V<br>1725 RPM 23 A |
| Hydraulic Pump:  | 3-1/2 GPM - 1 Stage  |
| Valve Pressure:  | 2500 PSI   |
| Reservoir:       | 7 Gallons  |
| Cylinder:        | 2-1/2" Ram   |

### DIMENSIONS

|                  |         |
|------------------|---------|
| Height:          | 54-1/2" |
| Width:           | 36-3/4" |
| Depth:           | 36-1/8" |
| Shipping Weight: | 2020 lb |



Shown with optional Coper Notcher



# 55 TON

## Our Best Seller

- Four Available Workstations
- E-Stop/Lockout-Tagout
- Universal Open Tooling Station
- Electric Stroke Control
- ANSI B11.5-1988R(02) Compliant
- ETL/UL Approved Controls

The Edwards 55 Ton JAWS Ironworker is well suited to fit the needs of any fab shop, large or small. Standard features include a Punch Assembly with Pedestal Die Table, 14" Flat Bar Shear, Angle Shear and a universal open tooling station designed to accept a variety of optional Tooling Accessories.

### PUNCH

|                |                          |
|----------------|--------------------------|
| Rating:        | 55 Tons                  |
| Max. Capacity: | 1-1/16" Dia. in 5/8" A36 |
| Stroke:        | 1-1/4"                   |
| Throat Depth:  | 7-1/2"                   |
| Open Height:   | 8-1/8"                   |
| Shut Height:   | 6-7/8"                   |
| Work Height:   | 36-9/16"                 |

### ANGLE SHEAR

|                |                                  |
|----------------|----------------------------------|
| Max. Capacity: | 3" x 3" x 3/8"<br>4" x 4" x 1/4" |
| Work Height:   | 39-7/8"                          |

### FLAT BAR SHEAR

|                |                                       |
|----------------|---------------------------------------|
| Max. Capacity: | 3/8" x 14"<br>1/2" x 12"<br>3/4" x 4" |
| Max. Round:    | 7/8"                                  |
| Max. Square:   | 7/8"                                  |
| Work Height:   | 34-1/2"                               |

### OPEN STATION

|               |          |
|---------------|----------|
| Throat Depth: | 11-3/16" |
| Open Height:  | 8-1/8"   |
| Shut Height:  | 6-7/8"   |
| Stroke:       | 1-1/4"   |
| Work Height:  | 34-1/2"  |

### OPTIONAL COPER NOTCHER

|                |                     |
|----------------|---------------------|
| Max. Capacity: | 2-1/2" x 4" x 5/16" |
| Work Height:   | 39-1/2"             |

### GENERAL SPECIFICATIONS

|                  |   |
|------------------|---|
| Standard Motor:  | 5 HP 3~ 208 V or 230 V<br>1725 RPM 14 A |
| Optional Motors: | 5 HP 3~ 460 V<br>1725 RPM 7 A           |
| Hydraulic Pump:  | 3-1/2 GPM - 1 Stage                     |
| Valve Pressure:  | 2500 PSI                                |
| Reservoir:       | 7 Gallons                               |
| Cylinder:        | 2-1/2" Ram                              |

### DIMENSIONS

|                  |         |
|------------------|---------|
| Height:          | 55-1/4" |
| Width:           | 44-3/8" |
| Depth:           | 36-1/8" |
| Shipping Weight: | 2480 lb |

# 60 TON

## Our Best Value

- Four Loaded Workstations
- E-Stop/Lockout-Tagout
- Dedicated Coper Notcher Station
- Electric Stroke Control
- ANSI B11.5-1988R(02) Compliant
- ETL/UL Approved Controls

The Edwards 60 Ton JAWS Ironworker is purpose built for the mid-size fabricator who uses angle sections every day. The notcher station is integrated into the machinery frame adding a tremendous amount of strength to the tooling station and stability to the work at hand. Standard features include a Punch Assembly with Pedestal Die Table, 14" Flat Bar Shear, Angle Shear and integrated Coper Notcher.

### PUNCH

|                |                     |
|----------------|---------------------|
| Rating:        | 60 Tons             |
| Max. Capacity: | 1" Dia. in 3/4" A36 |
| Stroke:        | 1-1/4"              |
| Throat Depth:  | 8-7/8"              |
| Open Height:   | 8-1/8"              |
| Shut Height:   | 6-7/8"              |
| Work Height:   | 36-9/16"            |

### ANGLE SHEAR

|                |                                  |
|----------------|----------------------------------|
| Max. Capacity: | 3" x 3" x 1/2"<br>4" x 4" x 3/8" |
| Work Height:   | 39-7/8"                          |

### FLAT BAR SHEAR

|                |                                       |
|----------------|---------------------------------------|
| Max. Capacity: | 3/8" x 14"<br>1/2" x 12"<br>3/4" x 4" |
| Max. Round:    | 7/8"                                  |
| Max. Square:   | 7/8"                                  |
| Work Height:   | 34-1/2"                               |

### COPER NOTCHER

|                |                    |
|----------------|--------------------|
| Max. Capacity: | 2-1/2" x 4" x 3/8" |
| Work Height:   | 39-1/2"            |

### GENERAL SPECIFICATIONS

|                  |   |
|------------------|---|
| Standard Motor:  | 5 HP 3~ 208 V or 230 V<br>1725 RPM 14 A |
| Optional Motors: | 5 HP 3~ 460 V<br>1725 RPM 7 A           |
| Hydraulic Pump:  | 3-1/2 GPM - 1 Stage                     |
| Valve Pressure:  | 2500 PSI                                |
| Reservoir:       | 7 Gallons                               |
| Cylinder:        | 2-1/2" Ram                              |

### DIMENSIONS

|                  |         |
|------------------|---------|
| Height:          | 56-1/8" |
| Width:           | 46-1/8" |
| Depth:           | 36-1/8" |
| Shipping Weight: | 2550 lb |



# 65 TON

## Our Most Versatile Machine

Five Available Workstations  
E-Stop/Lockout-Tagout  
Universal Open Tooling Station  
24" Flat Bar Shear

Dedicated Coper Notcher  
Electric Stroke Control  
ANSI B11.5-1988R(02) Compliant  
ETL/UL Approved Controls

The five workstations of the Edwards 65 Ton JAWS Ironworker provide the power to handle any size job and the flexibility to tailor it to your specific needs. Standard features include a Punch Assembly with Pedestal Die Table, 24" wide Flat Bar Shear, Angle Shear, Coper Notcher and a universal open tooling station designed to accept a variety of optional Tooling Accessories.

### PUNCH

Rating: 65 Tons  
Max. Capacity: 1-1/16" Dia. in 3/4" A36  
Stroke: 1-13/16"  
Throat Depth: 9-3/4"  
Open Height: 8-3/4"  
Shut Height: 6-15/16"  
Work Height: 36-9/16"

### ANGLE SHEAR

Max. Capacity: 5" x 5" x 3/8"  
Work Height: 43-1/2"

### FLAT BAR SHEAR

Max. Capacity: 3/8" x 24"  
1/2" x 14"  
1" x 4"  
1"  
Max. Round: 1"  
Max. Square: 1"  
Work Height: 34-1/2"

### COPER NOTCHER

Max. Capacity: 2-1/2" x 5" x 3/8"  
Work Height: 39-1/2"

### OPEN CAVITY

Height: 8-3/4"  
Width: 12"  
Work Height: 43"

### GENERAL SPECIFICATIONS

Standard Motor: 7.5 HP 3~ 208 V or 230 V  
1765 RPM 22 A  
Optional Motors: 7.5 HP 3~ 460 V  
1765 RPM 11 A  
7.5 HP 3~ 575 V  
1770 RPM 8 A  
5 HP 1~ 208 V or 230 V  
1725 RPM 23 A  
\*7.5 HP 1~ 230 V  
1765 RPM 36 A

*\*Required for 1~ Hydraulic Accessory Pack*

Hydraulic Pump: 10-1/2 GPM - 2 Stage  
Valve Pressure: 3500 PSI  
Reservoir: 17 Gallons  
Cylinder: 3-1/2" Ram

### DIMENSIONS

Height: 57"  
Width: 62-1/8"  
Depth: 45"  
Shipping Weight: 4750 lb



# 75 TON

## The Shop Standard

Four Available Workstations  
E-Stop/Lockout-Tagout  
Punch Station Designed for  
Optional Tooling

Dedicated Coper Notcher Station  
Electric Stroke Control  
ANSI B11.5-1988R(02) Compliant  
ETL/UL Approved Controls

The Edwards 75 Ton JAWS Ironworker offers greater capacity and flexibility to accomplish larger tasks. Standard features include a Punch Assembly with Pedestal Die Table, a 14" wide Flat Bar Shear, Angle Shear and Coper Notcher. The Punch Station easily converts to an open station, able to accept a wide variety of optional Tooling. Customize your Ironworker according to your needs!

### PUNCH

Rating: 75 Tons  
Max. Capacity: 1-1/16" Dia. in 7/8" A36  
Stroke: 1-13/16"  
Throat Depth: 10"  
Open Height: 8-3/4"  
Shut Height: 6-15/16"  
Work Height: 39-1/16"

### ANGLE SHEAR

Max. Capacity: 5" x 5" x 1/2"  
Work Height: 43-15/16"

### FLAT BAR SHEAR

Max. Capacity: 1/2" x 14"  
3/4" x 10"  
1"  
Max. Round: 1"  
Max. Square: 1"  
Work Height: 37"

### COPER NOTCHER

Max. Capacity: 2-1/2" x 5" x 1/2"  
Work Height: 42"

### GENERAL SPECIFICATIONS

Standard Motor: 7.5 HP 3~ 208 V or 230 V  
1765 RPM 22 A  
Optional Motors: 7.5 HP 3~ 460 V  
1765 RPM 11 A  
7.5 HP 3~ 575 V  
1770 RPM 8 A  
5 HP 1~ 208 V or 230 V  
1725 RPM 23 A  
\*7.5 HP 1~ 230 V  
1765 RPM 36 A

*\*Required for 1~ Hydraulic Accessory Pack*

Hydraulic Pump: 10-1/2 GPM - 2 Stage  
Valve Pressure: 3500 PSI  
Reservoir: 17 Gallons  
Cylinder: 3-1/2" Ram

### DIMENSIONS

Height: 60-1/4"  
Width: 50"  
Depth: 45"  
Shipping Weight: 4100 lb



# 100 TON

## The Workhorse

Four Available Workstations  
E-Stop/Lockout-Tagout  
High Capacity Angle Shear  
Universal Open Tooling Station

Electric Stroke Control  
ANSI B11.5-1988R(02) Compliant  
ETL/UL Approved Controls

If you're looking for versatility and power, the Edwards 100 Ton JAWS Ironworker is perfect for your shop. Standard features include a Punch Assembly, 14" wide Flat Bar Shear, high capacity Angle Shear and a universal open tooling station designed for optional Tooling Accessories allowing you to select the perfect tool for your needs.

### PUNCH

Rating: 100 Tons  
Max. Capacity: 1-1/16" Dia. in 1" A36  
Stroke: 1-13/16"  
Throat Depth: 11"  
Open Height: 8-3/4"  
Shut Height: 6-15/16"  
Work Height: 39-1/16"

### OPTIONAL COPER NOTCHER

Max. Capacity: 2-1/2" x 6" x 1/2"  
Work Height: 42"

### GENERAL SPECIFICATIONS

Standard Motor: 7.5 HP 3~ 208 V or 230 V  
1765 RPM 22 A  
Optional Motors: 7.5 HP 3~ 460 V  
1765 RPM 11 A

### ANGLE SHEAR

Max. Capacity: 6" x 6" x 1/2"  
Work Height: 43-15/16"

### FLAT BAR SHEAR

Max. Capacity: 3/4" x 14"  
1" x 10"  
Max. Round: 1-1/4"  
Max. Square: 1-1/4"  
Work Height: 37"

5 HP 1~ 208 V or 230 V  
1725 RPM 23 A  
\*7.5 HP 1~ 230 V  
1765 RPM 36 A

*\*Required for 1~ Hydraulic Accessory Pack*

### OPEN STATION

Throat Depth: 14-3/4"  
Open Height: 8-3/4"  
Shut Height: 6-15/16"  
Stroke: 1-13/16"  
Work Height: 37"

Hydraulic Pump: 10-1/2 GPM - 2 Stage  
Valve Pressure: 3500 PSI  
Reservoir: 17 Gallons  
Cylinder: 3-1/2" Ram

### DIMENSIONS

Height: 61-11/16"  
Width: 56-1/8"  
Depth: 45"  
Shipping Weight: 4650 lb



Shown with optional Coper Notcher

# 100 TON DELUXE

## Ideal for the Large Shop

Five Loaded Workstations  
E-Stop/Lockout-Tagout  
18" Flat Bar Shear  
Built-in Rod Shear for Square  
and Round Bar

ETL/UL Approved Controls Dedicated  
Coper Notcher  
Electric Stroke Control  
ANSI B11.5-1988R(02) Compliant

A brute of an Ironworker, the Edwards 100 Ton Deluxe JAWS Ironworker features super-duty construction and a powerful 10 HP motor. Standard features include a Punch Assembly, 18" wide Flat Bar Shear, Angle Shear, Coper Notcher and a special built-in Rod Shear for solid square and round bar stock.

### PUNCH

Rating: 100 Tons  
Max. Capacity: 1-1/16" Dia. in 1" A36  
Stroke: 1-15/16"  
Throat Depth: 11"  
Open Height: 8-3/4"  
Shut Height: 6-13/16"  
Work Height: 39-3/8"

### ROD SHEAR

Max. Round: 1-1/2"  
Max. Square: 1-1/4"  
Work Height: 54-1/2"

### GENERAL SPECIFICATIONS

Standard Motor: 10 HP 3~ 208 V or 230 V  
1770 RPM 26 A

### ANGLE SHEAR

Max. Capacity: 6" x 6" x 1/2"  
Work Height: 43-15/16"

Optional Motors: 10 HP 3~ 460 V  
1770 RPM 12 A  
10 HP 3~ 575 V  
1770 RPM 10 A  
10 HP 1~ 230 V  
1740 RPM 40 A

### FLAT BAR SHEAR

Max. Capacity: 1/2" x 18"  
3/4" x 14"  
1" x 10"  
Max. Round: 1"  
Max. Square: 1"  
Work Height: 37"

Hydraulic Pump: 24 GPM  
Valve Pressure: 3800 PSI  
Reservoir: 17 Gallons  
Cylinder: 2-1/2" Ram

### COPER NOTCHER

Max. Capacity: 3" x 6" x 1/2"  
Work Height: 42"

### DIMENSIONS

Height: 63-1/8"  
Width: 56"  
Depth: 45-1/2"  
Shipping Weight: 5180 lb







Shown with optional Hydraulic Accessory Pack

# 120 TON

## The Powerhouse

Five Available Workstations  
E-Stop/Lockout-Tagout  
Universal Open Tooling Station  
24" Flat Bar Shear

Dedicated Coper Notcher  
Electric Stroke Control  
ANSI B11.5-1988R(02) Compliant  
ETL/UL Approved Controls

Our most powerful Ironworker, the Edwards 120 Ton JAWS Ironworker offers the most in capacity and versatility. Standard features include a Punch Assembly, 24" wide Flat Bar Shear, high capacity Angle Shear, Coper Notcher and a universal open tooling station able to accept a variety of optional Tooling Accessories. Bring the power to your house!

### PUNCH

Rating: 120 Tons  
Max. Capacity: 1-1/2" Dia. in 1" A36  
Stroke: 2"  
Throat Depth: 11"  
Open Height: 9-1/8"  
Shut Height: 7-1/8"  
Work Height: 36-5/8"

### ANGLE SHEAR

Max. Capacity: 6" x 6" x 1/2"  
Work Height: 52-1/2"

### FLAT BAR SHEAR

Max. Capacity: 1/2" x 24"  
1" x 12"  
Max. Round: 1-1/4"  
Max. Square: 1-1/4"  
Work Height: 33-1/4"

### COPER NOTCHER

Max. Capacity: 3" x 6" x 1/2"  
Work Height: 40"

### OPEN CAVITY

Height: 9"  
Width: 11-3/4"  
Work Height: 51-3/4"

### GENERAL SPECIFICATIONS

Standard Motor: 10 HP 3~ 208 V or 230 V  
1770 RPM 26 A  
Optional Motors: 10 HP 3~ 460 V  
1770 RPM 12 A  
10 HP 3~ 575 V  
1770 RPM 10 A  
10 HP 1~ 230 V  
1740 RPM 40 A  
Hydraulic Pump: 24 GPM  
Valve Pressure: 3800 PSI  
Reservoir: 17 Gallons  
Cylinder: 2-3/4" Ram

### DIMENSIONS

Height: 84"  
Width: 60"  
Depth: 60"  
Shipping Weight: 5500 lb

# HYDRAULIC ACCESSORY TOOLS

Edwards Manufacturing has developed a line of Hydraulic Accessory Tools to help you expand your shop capabilities without breaking the bank. Current offerings include a 10 Ton Tube/Pipe Bender, 20 Ton Shop Press, 40 Ton Shop Press, Horizontal Press and Radius Roller. These tools are heavy-duty, versatile and designed as 'Plug and Play' – order the Hydraulic Accessory Pack on your new Ironworker, and plug them right in. If you need more mobility, check out our Porta Power, portable hydraulic power unit.

## POWER OPTIONS

### EDWARDS IRONWORKER

Our innovative, patent-pending Hydraulic Accessory Pack option turns your Edwards JAWS Ironworker into a power plant. Simply order your Ironworker with this option to power any of our Hydraulic Accessory Tools. Expand your capabilities with our 10 Ton Bender, 20 Ton Shop Press, 40 Ton Shop Press, Horizontal Press and Radius Roller.

The Hydraulic Accessory Pack is a valuable standard feature of all Edwards ELITE Ironworkers.



### PORTA POWER

If you need an additional power source, the Edwards Porta Power with 5 HP/3000 PSI goes anywhere you need it. With a quick connection lockout-tagout and e-stop, this compact unit perfectly powers the Edwards Hydraulic Accessory Tools.

### GENERAL SPECIFICATIONS

|                 |   |  |
|-----------------|---|--|
| Standard Motor: | 5 HP 3~ 208 V or 230 V<br>1725 RPM 14 A | Optional Motors: 5 HP 3~ 460 V<br>1725 RPM 7 A |
| Hydraulic Pump: | 3-1/2 GPM - 1 Stage                     | 5 HP 1~ 230 V                                  |
| Valve Pressure: | 3000 PSI                                | 1725 RPM 23 A                                  |
| Reservoir:      | 7 Gallons                               |  |



# 20 TON SHOP PRESS

## Compact and Powerful Benchtop Press

Heavy-Duty 3/8" Steel Construction    Easy-to-Use Hand/Jog Controls  
 Versatile Rolling Cylinder            Quick Disconnect Hoses  
 Working Area of 10-1/2" x 20"        Adjustable Table Height

Our 20 Ton Shop Press may be small but it's no lightweight. Smooth and precise, heavy-duty and versatile, the unique open side design allows for material to pass through. Power it up with an Edwards Ironworker with factory installed Hydraulic Accessory Pack or an Edwards Porta Power 5 HP, 3000 PSI portable power unit.

### DIMENSIONS

Height: 37"  
 Width: 27"  
 Depth: 24"  
 Shipping Weight: 400 lb

### GENERAL SPECIFICATIONS

Rating: 20 Tons  
 Cylinder: 2" Ram  
 Stroke: 6-1/4"

### OPTIONAL TOOLING

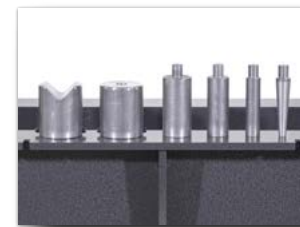
See our Tooling Accessories for additional options including Press Brake Back Gauge and Bump Die Tooling.

### PRESS BRAKE TOOLING

Make the most of your Shop Press by adding our versatile Brake Tooling. Mounted to a machined solid-steel base and pushblock, this robust tooling features heavy-duty return springs for smooth operation. Press Brake Tooling features our rugged, machined punch and 4-way die. Our 12" Press Brake is a must have for the 20 Ton Press.

### 6 PIECE PRESS TOOLING SET

The six piece Press Tooling Set includes tapered and cutaway push blocks. Installs quickly and easily with a ball detent screw to our 20 Ton Shop Press or 40 Ton Shop Press. Whatever your specific task, there is a piece of tooling that will fit your needs.



# 40 TON SHOP PRESS

## Full Size at Half the Price

Heavy-Duty 1/2" Steel Construction    Easy-to-Use Hand/Jog Controls  
 Versatile Rolling Cylinder            Quick Disconnect Hoses  
 Working Area of 38" x 40-1/2"        Adjustable Table Height

Our full-sized 40 Ton Shop Press is rugged and economical. Smooth and precise, heavy-duty and versatile, the unique open side design allows for material to pass through. Power it up with an Edwards Ironworker with factory installed Hydraulic Accessory Pack or an Edwards Porta Power 5 HP, 3000 PSI portable power unit.

### DIMENSIONS

Height: 79"  
 Width: 48"  
 Depth: 48"  
 Shipping Weight: 1400 lb

### GENERAL SPECIFICATIONS

Rating: 40 Tons  
 Cylinder: 4" Ram  
 Stroke: 12-1/4"

### OPTIONAL TOOLING

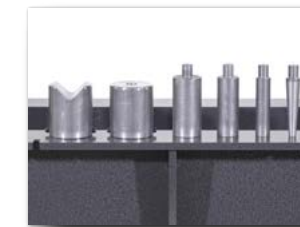
See our Tooling Accessories for additional options including Press Brake Back Gauge and Bump Die Tooling.

### PRESS BRAKE TOOLING

Make the most of your Shop Press by adding our versatile Brake Tooling. Mounted to a machined solid-steel base and pushblock, this robust tooling features heavy-duty return springs for smooth operation. Press Brake Tooling features our rugged, machined punch and 4-way die. We offer our Press Brake in 12", 18", 24" and 32".

### 6 PIECE PRESS TOOLING SET

The six piece Press Tooling Set includes tapered and cutaway push blocks. Installs quickly and easily with a ball detent screw to our 20 Ton Shop Press or 40 Ton Shop Press. Whatever your specific task, there is a piece of tooling that will fit your needs.





# 10 TON TUBE/PIPE BENDER

## Get Bent!

- Plug + Play Operation
- Horizontal or Vertical Operation
- Heavy-Duty Rolling Stand
- Easy-to-Use Hand/Jog Controls
- Proximity Switch Repeatability

Our 10 Ton Bender is a quick-connect hydraulic tool to greatly expand your fabrication capabilities. Designed for medium to heavy material, the Edwards 10 Ton Bender powers through 2" (I.D.) Schedule 40 pipe, 2-1/2" (O.D.) tube and 2" square tube quickly and accurately. Choose from our over 260 standard Bender Die Sets to get your job done. Call for custom die information and material compatibility requirements.

### DIMENSIONS

|                  |         |
|------------------|---------|
| Height:          | 40-1/2" |
| Width:           | 36-1/2" |
| Depth:           | 42"     |
| Shipping Weight: | 600 lb  |

### GENERAL SPECIFICATIONS

|                       |                     |
|-----------------------|---------------------|
| Bend Capacity:        | 180°                |
| Pipe Capacity:        | 2" (ID) Schedule 40 |
| Tube Capacity:        | 2-1/2" (OD) .095"   |
| Square Tube Capacity: | 2" (OD) .25"        |
| Chromoly Capacity:    | 2-1/4" (OD) .083"   |
| Cylinder:             | 1-3/4" Ram          |
| Stroke:               | 14"                 |

### OPTIONAL TOOLING



#### TUBE/PIPE BENDER DIES

Our Edwards Bender Dies work solid round, solid square, Schedule 40 pipe, round and square tube. Dies and wipers are precision machined to ensure the highest quality bends. Choose from our over 260 standard Bender Die Sets to get your job done. Call for custom die information and material compatibility requirements.



#### BEND-TECH SOFTWARE

The Bend-Tech Pro software is a simple to use CAD program. This will assist you with everything from simple assemblies to complex tube chassis. Order it up and start building your project today.

# HORIZONTAL PRESS

## Your Go-To Tool

- 20 Tons of Power
- Digital Readout
- Hardened Tooling Pins
- 4 pin Locations for Tooling Flexibility
- Smooth Ram Extension
- Robust Construction
- 2" Machined Heavy-Duty Table
- Machined, Hardened Bushings

With 20 tons of force, the Edwards Horizontal Press accepts a great variety of tooling to form, break and straighten mild steel. Quick connect the HP20T to either your Edwards Ironworker outfitted with the optional Hydraulic Accessory Pack or an Edwards Porta Power and you're ready to form a wide variety of material with the standard tooling loaded into the machine. This compact powerhouse is designed for maximum tooling flexibility. The universal die block holds tooling securely, while the 4-pin tooling locations lock with a simple crank for inboard squaring. The integrated digital encoder reads a positive stop for accurate repetition within 0.01". Ships with a 6"- 4 way die block and arbor punch to get you started. The potential of this tool is unlimited!

### GENERAL SPECIFICATIONS

|                   |           |
|-------------------|-----------|
| Rating:           | 20 Tons   |
| Cylinder:         | 2.25" Ram |
| Stroke:           | 10"       |
| Work Height:      | 38" - 40" |
| Table Dimensions: | 24" x 42" |
| Weight:           | 1350 lb   |

### TOOLING DETAILS

|               |  |
|---------------|--|
| Pin Diameter: | 2"   |
| Dimensions:   | 9.79" min to 13.54" max<br>(tool chuck to pin centers)             |
| Pin Height:   | 6" max<br>(standard tooling)                                       |
| Tooling Head: | 1/2" T Nut/Set Screw &<br>American Standard Brake<br>Punch Tooling |

### INCLUDED TOOLING



#### 6" BRAKE 4-WAY DIE

The 4-Way Brake Set comes standard with the HP20T Horizontal Press. Designed for maximum versatility, the 4-Way Brake Set includes a 6" brake holder and a 6" punch arbor that allows for braking projects up to 1/2" thick x 6" tall. The 4-Way Brake Set is easily configured to create clips, brackets, hangers, angles and box geometries quickly and easily.



# RADIUS ROLLER

## Just Roll With It!

|                               |  |
|-------------------------------|--|
| Variable Speed                | Horizontal or Vertical Operation       |
| Single Pinch/Dual Drive       | Easy, Repeatable Rolls                 |
| Plug + Play Operation         | Heavy-Duty Portable Stand              |
| Easy to Use Hand/Jog Controls | Pinch Roll Scale & Lateral Roll Guides |

The Edwards Radius Roller is designed to roll medium to heavy flat, angle, pipe, tube and channel section projects quickly and accurately. Quick connect the RRM2 to your Edwards Ironworker outfitted with the optional Hydraulic Accessory Pack or an Edwards Porta Power and you're ready to roll! The variable speed hydraulic drive allows you to dial in the appropriate speed for various materials. Quickly change the orientation from vertical for smaller projects to horizontal for those larger, heavier jobs. Ships with the hardened 15 piece universal die set to get you rollin' on your next project.

### DIMENSIONS

|         |        |
|---------|--------|
| Height: | 43"    |
| Width:  | 45"    |
| Depth:  | 49"    |
| Weight: | 950 lb |

### MATERIAL CAPACITIES

|                      |                |
|----------------------|----------------|
| Round Pipe:          | 2" Schedule 40 |
| Round Tube:          | 2-1/2" (.095") |
| Square Tube:         | 2" (.120")     |
| Solid Round:         | 1.375"         |
| Flat Bar - Easy Way: | 3" (.75")      |
| Flat Bar - Hard Way: | 2.25" (.375")  |
| Angle Iron:          | 2" (.250")     |
| Channel:             | 2" (.250")     |

### GENERAL SPECIFICATIONS

|                        |        |
|------------------------|--------|
| Shaft Diameter:        | 2.0"   |
| Shaft Center Distance: | 14.12" |

### INCLUDED TOOLING



### 15 PIECE DIE SET

The Universal Die Set comes standard with the RRM2. Designed for maximum versatility, the Universal Die Set is easily configured to accept a wide variety of metal sections. Get rollin' and work your flats, angle, channel, pipe and tube with this versatile 15 piece set.



# TOOLING ACCESSORIES

While all of our Ironworkers come with standard tooling, our extensive line of Tooling Accessories enables you to customize your machine to perfectly fit your application. Choose from our Punch Accessories to make the most of your Punch Station. Add one of our versatile Notchers, Shears or Brakes to save time or maximize your machine's utility. Or take advantage of our variety of general accessories to add precision and ease to your work.

## PUNCH ACCESSORIES



### PUNCH/DIE STARTER SET

Selected to accommodate some of the most commonly used bolts, our Punch/Die Starter Set includes 8 standard round punch and die sets with 1/32" clearance. Sized in 1/8" increments from 3/16" to 1-1/16" and organized in a handy steel box, these are a must-have.



### STRIPPER REDUCING PLATE

The Stripper Reducing Plate is a spring-loaded, self-locating accessory that minimizes distortion in thinner gauge material when using smaller punches and dies. This accessory is easily applied to stripper bars with two bolts and uses a spring-loaded detent to properly align. When not in use, the plate swings easily out of the work area. Not compatible with old-style stripper bars.

## PUNCH ACCESSORIES



### PEDESTAL DIE TABLE

A standard feature on new Edwards Ironworkers from 25 Ton to 100 Ton, add our Pedestal Die Table to your existing Edwards Ironworker to punch flange or web surfaces of 2" x 2" steel angle, channel and beam sections. You can even punch larger angle sections leg-down. The Pedestal Die Table allows for the accessory Gauging Table Kit to be easily installed for a larger working and layout surface. Also available in Oversize for your larger Punch applications.



### OVERSIZE PUNCH ASSEMBLY

The Oversize Punch Assembly takes the place of your standard Punch Assembly to accommodate punches and dies in various shapes and sizes from 1" to 1-9/16". Oversize Punch and Die Sets sold separately. See our standard stocked Punch and Die Sets and contact us for custom sizes. *Image note: Guarding removed for clarity. Always use provided safety guarding.*



### GAUGING TABLE KIT

Add precision and speed to your repeated punching projects with our 3/8" thick Gauging Table Kit. The large 12" x 16" table bolts to standard or oversize Pedestal Die Tables. The included adjustable fences and handles clamp down with heavy-duty hardware to guide your material to the same punch location every time. Custom table size and additional fences available.



### HEAVY DUTY GAUGING TABLE KIT

Available in standard and oversize, the robust 1" x 12" x 16" Heavy Duty Gauging Table Kit takes the guesswork out of making precise, repeatable standard or oversize holes. Movable fences clamp down to the table surface with heavy-duty hardware to guide your material to the same punch location every time. The kit includes heavy duty table, mounting plate, hardware and one short and one long movable fence.



### 241 PUNCH ASSEMBLY

The 241 Punch Assembly accommodates punch and die sets in various shapes and sizes from 1" through 4". This tooling can be used to punch large holes and slots in anything from sheet metal to plate to steel beams. Contact Edwards for pricing and availability of the 241 Punch and Die Set to meet your needs. *Image note: Guarding removed for clarity. Always use provided safety guarding.*



### URETHANE STRIPPER

By maintaining constant pressure through the punch cycle, the Urethane Stripper minimizes distortion. A must-have when working with light-gauge material. *Image note: Guarding removed for clarity. Always use provided safety guarding.*

## NOTCHER TOOLING



### ANGLE NOTCHER

The Angle Notcher takes a precise 92° notch from the bottom leg of angle up to 3" x 3" x 1/4" profiles. Bend 90° quick and clean and you're on your way to building a steel frame. *Image note: Guarding removed for clarity. Always use provided safety guarding.*



### COPER NOTCHER

Coper Notcher tooling, also known as a Nibbler, creates anything from a small nibble to a large notch out of plate or angle. Our three sizes of Coper Notchers are designed to uniquely maximize the capacity and utility of each Ironworker. When versatility is key, our Coper Notcher is indispensable. *Image note: Guarding removed for clarity. Always use provided safety guarding.*



### PIPE NOTCHER

The Edwards Pipe Notcher eliminates hours of cutting and grinding required for clean saddle joint connections. Simply place your pipe into the bump-die housing and cut a perfect saddle each and every time. Contact Edwards for Schedule 80, tube dies and custom dies. *Image note: Guarding removed for clarity. Always use provided safety guarding.*



### TURRET PIPE NOTCHER

The Edwards Turret Pipe Notcher Housing allows you to load your favorite pipe dies into the carousel and quickly switch from one die size to the next. Designed with a centering detent, the Turret Pipe Notch tooling eliminates the cutting and grinding required for your saddle joint connections in Schedule-40 pipe. Simply insert your mild-steel or aluminum pipe into the bump-die housing, activate the machine and cut a perfect saddle without any additional finishing work. *Image note: Guarding removed for clarity. Always use provided safety guarding.*

## SHEAR TOOLING



### MULTI-SHEAR

Cut solids rods, squares, angles and bar-stock all with ONE tool. The Multi-Shear makes quick work of solid round 1/4", 3/8", 1/2", 5/8", 3/4" rod, and 13/16" square. Also cuts flat bar up to 1/4" x 6" and angle up to 2" x 2" x 1/4". *Image note: Guarding removed for clarity. Always use provided safety guarding.*



### ROD SHEAR AND HOUSING

The Edwards Rod Shear and Housing is a heavy-duty accessory tool that comes ready to work your 1/4", 3/8", 1/2", 5/8", 3/4" and 1" solid rod. *Image note: Guarding removed for clarity. Always use provided safety guarding.*

## BRAKE TOOLING



### BRAKE WITH FOUR WAY DIE

Brackets, frames, pans and tanks are just a few of the applications appropriate for Edwards Brake Tooling. Available in 7", 8", 10" and 12" lengths (varies by machine), Brake Tooling includes a standard punch and a four-way die allowing for 1/16", 1/8", 3/16" and 1/4" material to be formed to a 90° angle. Brake die held with brackets that bolt to the mounting table. Repeatable bending is achievable with Brake Tooling and the Ironworker's electric stroke control. *Image note: Guarding removed for clarity. Always use provided safety guarding.*



### PRESS BRAKE BACK GAUGE

Our adjustable Press Brake Back Gauge makes for easy set-up of repeatable bends. Simply bolt it up to the Edwards Ironworker Brake Tooling assembly or Press Brake Tooling for our 20 Ton Shop Press and 40 Ton Shop Press, and a simple hand crank glides the carriage backstop to your desired brake location.









[WWW.EDWARDSIRONWORKERS.COM](http://WWW.EDWARDSIRONWORKERS.COM)