

**IRONWORKERS CANADA - PRODUCT CATALOG**

# 50 TON



## FLEXIBILITY

### • Four workstations:

- **Standard (4)** – Punch, Flat Bar Shear, Angle Shear & Coper Notcher
- 9 interchangeable Attachments available to tailor the Ironworker to your needs
- 16 optional Accessories available to increase precision and efficiency

## PRODUCTIVITY

- Compact machine that allows for fast and easy transitions between fabrication operations: punch, shear, notch, bend and cope all in one machine.
- Optimized workstation heights for improved efficiency
- Electric foot pedal with integrated jog control
- Adjustable electric stroke control

## SAFETY

- Bright LED lights increase visibility
- ANSI B11.5-1988(O2) Compliant Guarding
- ETL Certified Controls
- Integrated Lock-out/Tag-out system with E-Stop for added safety

## PERFORMANCE

- Durable, heavy-duty, Made In USA steel construction
- Vertical movement produces even pressure resulting in precise punching and shearing with minimal distortion that results in extended tooling life
- Punches are easily changeable, long-lasting and available from 1/8” to 4” diameters along with square, oblong, hex, metric, and custom shapes
- Flat Bar Shear blades are made of precision machined, high-quality tool steel with 4 cutting edges for extended life
- Angle Shear blades have 2 corner radii for both thin and thick material and are made of precision tool steel with 2 cutting edges for extended life

## SPECIFICATIONS

Punch Rating (tons)	50
Punch Max Capacity (In.)	1 diam. in 5/8 mild steel
Punch Work Height (In.)	39-9/16
Punch Throat Depth (In.)	7
Punch Stroke (In.)	1-7/8
Flat Bar Shear Max Capacity (In.)	1/2 x 10 3/4 x 4
Flat Bar Shear Work Height (In.)	34-1/2
Flat Bar Shear Max Round Capacity (In.)	3/4 diam.
Flat Bar Shear Max Square Capacity (In.)	3/4
Angle Shear Max Capacity (In.)	3 x 3 x 3/8 4 x 4 x 1/4
Angle Shear Work Height (In.)	39-7/8
Coper Notcher Max Capacity (In.)	2 x 3 x 5/16
Coper Notcher Work Height (In.)	39-1/2
Motor	5 HP
Amps	23
Hydraulics (GPM)	3-1/2
Hydraulics (PSI)	2500
Hydraulic Reservoir (gal.)	7
Product Dimensions (In.)	36-3/4 x 36-1/8 x 54-1/2
Shipping Dimensions (In.)	45 x 51 x 62
Weight (lbs.)	2,020

STOCK #	PRODUCT DESCRIPTION
IW50-1P230	50 Ton Ironworker 1 Phase, 230 Volt
IW50-3P208	50 Ton Ironworker 3 Phase, 208 Volt
IW50-3P230	50 Ton Ironworker 3 Phase, 230 Volt
IW50-3P380	50 Ton Ironworker Int'l - 3 Phase, 380 Volt, 50 Hz
IW50-3P460	50 Ton Ironworker 3 Phase, 460 Volt
IW50-3P575	50 Ton Ironworker 3 Phase, 575 Volt

# 50 TON WITH **POWER LINK™**

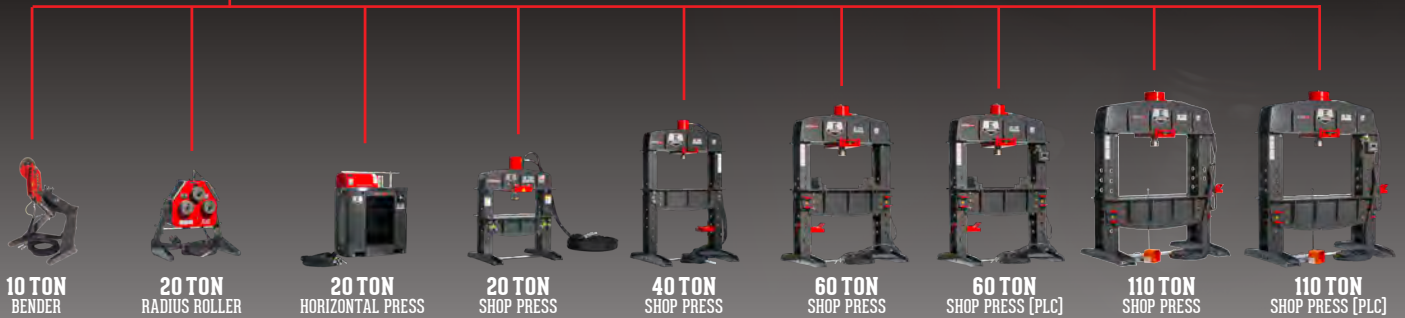
**THE EXCLUSIVE EDWARDS POWERLINK™ SYSTEM TURNS YOUR 50 TON IRONWORKER INTO A POWER SOURCE FOR OUR EVER INCREASING LINE OF HYDRAULIC TOOLS.**

- Simply PLUG IN & POWER UP any of our Hydraulic Tools and expand your fabrication capabilities
- Our factory installed PowerLink System includes quick connect couplings allowing easy transitions between Hydraulic Tools
- The Edwards Portable Power Unit is an additional power source with the PowerLink System



**POWER LINK™**

STOCK #	PRODUCT DESCRIPTION
IW50-1P230-AC500	50 Ton Ironworker 1 Phase, 230 Volt with PowerLink
IW50-3P208-AC500	50 Ton Ironworker 3 Phase, 208 Volt with PowerLink
IW50-3P230-AC500	50 Ton Ironworker 3 Phase, 230 Volt with PowerLink
IW50-3P380-AC500	50 Ton Ironworker Int'l - 3 Ph, 380 V, 50 Hz with PowerLink
IW50-3P460-AC500	50 Ton Ironworker 3 Phase, 460 Volt with PowerLink
IW50-3P575-AC500	50 Ton Ironworker 3 Phase, 575 Volt with PowerLink



**10 TON BENDER**    **20 TON RADIUS ROLLER**    **20 TON HORIZONTAL PRESS**    **20 TON SHOP PRESS**    **40 TON SHOP PRESS**    **60 TON SHOP PRESS**    **60 TON SHOP PRESS [PLC]**    **110 TON SHOP PRESS**    **110 TON SHOP PRESS [PLC]**

TURN THE PAGE TO VIEW OUR FULL LINE OF ATTACHMENTS & ACCESSORIES FOR THE 50 TON IRONWORKER



# 50 TON ATTACHMENTS



**OVERSIZE PUNCH ASSEMBLY**

- Accommodates punch & die sets in various shapes and sizes from 1" up to 1-9/16"
- Replaces Standard Punch Assembly or can be used as a secondary Punch Workstation

**AC1024\***



**241 PUNCH ASSEMBLY**

- Accommodates punch & die sets in various shapes and sizes from 1" up to 4"
- Punch large holes and slots in anything from heavy sheet metal to steel beams

**AC1055\***



**ANGLE NOTCHER**

- Take precise 92° notch out of mild steel up to 3" x 3" x 1/4"
- Allows for an easy 90° to create a steel frame

**AC1025-1\***



**PIPE NOTCHER HOUSING**

- Make clean 90° saddle joint connections quickly and easily
- Compatible with all Edwards Ironworkers
- Contact Edwards for custom dies to match your project
- Pipe Notcher Dies sold separately

**AC0925\***



**TURRET PIPE NOTCHER**

- Make clean 90° saddle joint connections quickly and easily
- Compatible with all Edwards Ironworkers
- Contact Edwards for custom dies to match your project
- Pipe Notcher Dies sold separately

**AC0925T\***



**MULTI SHEAR**

- Designed to shear flat bar up to 1/4" x 6" and angle iron up to 2" x 2" x 1/4"
- Shears solid round bar 1/4", 3/8", 1/2", 3/4" and 13/16" square bar

**AC1075\***



**ROD SHEAR**

- Shear solid round rod easily with the Rod Shear
- Handles 1/4", 3/8", 1/2", 5/8", 3/4" and 1" solid round bar

**AC1074\***



**BRAKE WITH 4-WAY DIE**

- Choose from the sizes listed below to meet your specific needs
- Fabricate brackets, frames, pans and tanks with this Brake with 4-Way Die
- Includes a standard punch that allows 1/16", 1/8", 3/16" and 1/4" material to be formed to a 90° angle

<b>7"</b>	<b>8"</b>
<b>AC1033*</b>	<b>AC1034*</b>

\*IMAGE NOTE: Guarding removed for clarity

# 50 TON ACCESSORIES



**GAUGING TABLE KIT**

- 3/8" thick, 12" x 16" table that adds precision to your Punch Workstation
- Compatible with both Standard and Oversize Pedestal Die Tables
- Adjustable fences and handles quickly and easily guide your material for perfect repeatable actions

**AC0900**



**HEAVY DUTY GAUGING TABLE KIT**

- 1" x 12" x 16" table adds speed and precision to your Punch Workstation
- Replaces Standard Pedestal Die Table
- Adjustable fences and handles quickly and easily guide your material for perfect repeatable actions

**AC0903**



**HEAVY DUTY GAUGING TABLE KIT FOR OVERSIZED PUNCH ASSEMBLY**

- 1" x 12" x 16" table adds speed and precision to your Punch Workstation
- Replaces installed Die Table
- Adjustable fences and handles quickly and easily guide your material for perfect repeatable actions

**AC0905**



**STRIPPER REDUCING PLATE**

- Designed to minimize distortion on thinner gauge materials when using 1/2" punches & die set or smaller

**AC1914-3**



**URETHANE STRIPPER**

- Minimize material distortion when working with light gauge material

**AC1099**



**QUICK CHANGE PUNCH ASSEMBLY**

- Increase your efficiency by saving time and money with the Quick Change Punch Assembly.
- Accepts both Standard and Oversize Punch & Die Sets

**AC1001**



**AUTO CUT - 48"**

- Optimize your productivity on both the Flat Bar Shear and Angle Shear Workstations on your Edwards Ironworker
- The adjustable proximity sensor automatically cycles your Ironworker as you feed in material

**AC1010**



**BACK GAUGE - 48"**

- Speed up production on repeatable cuts by providing an adjustable stop for the Flat Bar Shear and Angle Shear
- A positive stop attachment that is fitted to the back of the Ironworker ensures accurate shearing

**AC1011**



**PRESS BRAKE BACK GAUGE**

- Speed up production on repeatable bends by providing an adjustable stop for the various size Brake Attachments
- A positive stop attachment that is fitted to the back of the Ironworker ensures accurate bending

**PR135**



**PUNCH & DIE STARTER SET**

- Includes 8 standard round punch & die sets selected to accommodate the most commonly used bolts
- Sized in 1/8" increments from 3/16" to 1-1/16" with 1/32" clearance
- See catalog page 68-71 for additional Punch & Die Sets

**PD1000**



**ACCESSORY LIGHT**

- Super bright LED light with M12 connections plugs
- Powerful magnetic base allows users to attach the light to any Ironworker surface and move as needed

**AC1000**



**FABRICATOR'S PROTRACTOR**

- Increase user accuracy on the Punch and Flat Bar Shear Workstations
- Designed to guide your workpiece and gauged at 15° increments through 180°

**AC1017**



**12" & 18" FENCES GUIDES**

- Easily adjustable to align your material, these 12" or 18" fence guides make precise, repeatable operations simple.

AC1910 12" Standard Handles  
AC1911 18" Standard Handles  
AC1912 12" Heavy Duty Handles  
AC1913 18" Heavy Duty Handles



**PRODUCTIVITY PACK**

- Includes 5 Accessories designed to increase your accuracy and production speed.
- Accessory light
- 48" Auto Cut
- Fabricator's Protractor
- 3/8" x 12" x 16" Punch Station table
- Punch & Die Starter Kit

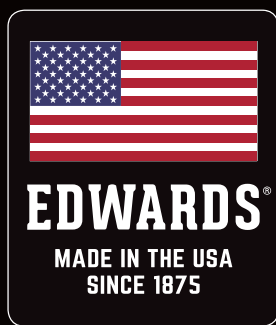
**AC2000**

\*IMAGE NOTE: Guarding removed for clarity





**BUILD YOUR LEGEND™**



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