



# MACHINE DATA SHEET

Customer Service #: (570) 546-9663 • To Order Call: (800) 523-4777 • Fax #: (800) 438-5901

## MODEL G0647 65-TON HYDRAULIC IRONWORKER

### Product Dimensions:

Weight ..... 2860 lbs.  
Length/Width/Height w/Extension Bar ..... 56" x 60<sup>1</sup>/<sub>4</sub>" x 62"  
Foot Print (Length/Width) ..... 23" x 52<sup>1</sup>/<sub>4</sub>"

### Shipping Dimensions:

Type ..... Wood Crate  
Content ..... Machine  
Weight ..... 3190 lbs.  
Length/Width/Height ..... 67<sup>3</sup>/<sub>4</sub>" x 30<sup>1</sup>/<sub>4</sub>" x 72<sup>1</sup>/<sub>2</sub>"

### Electrical:

Switch ..... ON/OFF Buttons, Magnetic Contactor w/Thermal Overload Protector  
Pre-Wired ..... 220V  
Recommended Circuit Size @ 220V ..... 20A  
Recommended Circuit Size @ 440V ..... 15A  
Recommended Power Connection @ 220V ..... NEMA 15-20 Plug/Receptacle  
Recommended Power Connection @ 440V ..... Hardwired to Locking Disconnect Switch

### Motor:

Type ..... TEFC Induction  
Horsepower ..... 5<sup>1</sup>/<sub>2</sub> HP  
Voltage ..... 220V/440V  
Phase ..... 3-Phase  
Amps ..... 16A @ 220V, 8A @ 440V  
Speed ..... 1725 RPM  
Cycle ..... 60 Hz  
Number Of Speeds ..... 1  
Power Transfer ..... Direct Drive  
Bearings ..... Sealed & Lubricated

### Operational Information

**Note:** All tooling capacities are based on processing mild steel material (45 kg/mm<sup>2</sup>)

Rated Tonnage ..... 65 Ton  
Punch Throat ..... 8<sup>3</sup>/<sub>4</sub>"  
Maximum Stroke Length ..... 2<sup>1</sup>/<sub>8</sub>"  
Maximum Hydraulic Pressure ..... 3000 PSI  
Maximum Punching Capacity (Diameter x Thickness) ..... 1<sup>1</sup>/<sub>16</sub>" x 5<sup>5</sup>/<sub>8</sub>", 1<sup>1</sup>/<sub>2</sub>" x 7<sup>7</sup>/<sub>16</sub>"  
Cycle Speed ..... 26 Cycles/Min. @ 3/4" Travel  
Maximum Flat Bar Shearing Capacity (Width x Thickness) ..... 8" x 3/4", 12" x 5/8"  
Maximum Angle Cutting Capacity @ 90° (Width x Thickness) ..... 4<sup>3</sup>/<sub>4</sub>" x 1/2"  
Maximum Angle Cutting Capacity @ 45° (Width x Thickness) ..... 3<sup>1</sup>/<sub>8</sub>" x 5/16"  
Maximum Round Bar Cutting Capacity ..... 1<sup>9</sup>/<sub>16</sub>" Diameter  
Maximum Square Bar Cutting Capacity ..... 1<sup>3</sup>/<sub>8</sub>" Square  
Maximum Notching Capacity (Width x Depth x Thickness) ..... 1<sup>5</sup>/<sub>8</sub>" x 4" x 3/8"

## Table Information

|                                              |                   |
|----------------------------------------------|-------------------|
| Table Thickness .....                        | 1/2"              |
| Punching Table Size (Width x Depth) .....    | 22 1/8" x 16"     |
| Punching Table Working Height .....          | 36 3/4"           |
| Shearing Table Size (Width x Depth) .....    | 28 1/8" x 7 7/8"  |
| Shearing Table Working Height .....          | 36 3/4"           |
| Notching Table Size (Width x Depth) .....    | 22 1/8" x 13 1/2" |
| Notching Table Working Height .....          | 36 3/4"           |
| Section & Angle Cutting Working Height ..... | 44 7/8"           |

## Construction Information

|                      |                        |
|----------------------|------------------------|
| Table .....          | Precision Milled Steel |
| Headstock .....      | Cast Iron              |
| Cutting Blades ..... | Heat-Treated Steel     |
| Base .....           | Cast Iron              |
| Cabinet Panels ..... | Formed Steel           |
| Pump Bearings .....  | Sealed & Lubricated    |
| Paint .....          | Powder Coat            |

## Other Specifications:

|                                       |                   |
|---------------------------------------|-------------------|
| Country Of Origin .....               | Taiwan            |
| Warranty .....                        | 1 Year            |
| Serial Number Location .....          | ID Label on Front |
| Customer Assembly & Set Up Time ..... | 60 minutes        |

## Features:

Five Independent Stations for Punching, Flat Bar Shearing, Notching, Angle and Bar Stock Cutting  
Safety Foot Pedal Actuator  
Design Accepts Add-On Tooling for Increased Capabilities