



MACHINE DATA SHEET

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

MODEL G0646 50-TON HYDRAULIC IRONWORKER

Product Dimensions:

Weight 2420 lbs.
Length/Width/Height w/Extension Bar 56" x 57" x 63"
Foot Print (Length/Width)..... 23" x 48½"

Shipping Dimensions:

Type Wood Crate
Content..... Machine
Weight..... 2640 lbs.
Length/Width/Height..... 60" x 31" x 68"

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

Motor:

Type TEFC Induction
Horsepower 5 HP
Voltage 220V/440V
Phase 3-Phase
Amps 14.5A @ 220V, 7.5A @ 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/mm²)

Rated Tonnage 50 Ton
Punch Throat 6⅞"
Maximum Stroke Length 2"
Maximum Hydraulic Pressure 3000 PSI
Maximum Punching Capacity (Diameter x Thickness) 7⁄8" x 5⁄8", 1½" x 5⁄16"
Cycle Speed 20 Cycles/Min. @ ¾" Travel
Maximum Flat Bar Shearing Capacity (Width x Thickness) 8" x 5⁄8", 12" x 1⁄2"
Maximum Angle Cutting Capacity @ 90° (Width x Thickness) 4" x 3⁄8"
Maximum Angle Cutting Capacity @ 45° (Width x Thickness) 2¾" x 1⁄4"
Maximum Round Bar Cutting Capacity 1³⁄16" Diameter
Maximum Square Bar Cutting Capacity 1³⁄16" Square
Maximum Notching Capacity (Width x Depth x Thickness) 1³⁄8" x 3" x 5⁄16"

Table Information

Table Thickness.....	1/2"
Punching Table Size (Width x Depth).....	22 1/8" x 14 3/8"
Punching Table Working Height.....	37 1/2"
Shearing Table Size (Width x Depth).....	28 1/8" x 7 7/8"
Shearing Table Working Height.....	37 1/2"
Notching Table Size (Width x Depth).....	22 1/8" x 12 1/2"
Notching Table Working Height.....	37 1/2"
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