



IRONWORKER - 70 & 110 Ton; Dual Operator
DO 70/110-24M

STANDARD FEATURES

- Dual Operator allows for Two Operators to Work at the Same Time at Full Capacity
- 70-Ton Punch Station (1-1/8" in 3/4")
- Keyed Punch Ram for Safety
- 9" Throat Depth
- Punch Gauging Table with Fence and Scale
- Die Holder Complete with 2" Die Insert
- Punch Nut with Wrench
- Adjustable Swing-Away Stripper
- One Round Punch & Die: Max. Dia. 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
- Angle Shear Capacity 6" x 6" x 1/2" at 90°
- Rectangle Notcher 3" x 5" x 3/8"
3" x 4" x 1/2"
- Notcher Table with Guides
- 110 Ton, 24" Bar Shear with
Sabre Blade (1" x 6", 3/8" x 24")
- Shear Table with Miter Fence
- Tool Table Work Area
- Slug Receptacles
- Electrical Box Supplied with Emergency Palm Button and Lock-out Tag-out Accommodations
- 230/460 Volt/3 Phase Electrics (must specify voltage)
- All Guards Necessary to Comply with ANSI B 11-5 Standards
- Forklift Accommodations
- Warranty: Three Years
- Made in USA

CAPACITIES & SPECIFICATIONS

Rated on:	65,000 PSI Tensile	A 36 Mild Steel
Punching Capacity	70 ton 1-1/8" in 3/4"	63 mt 28 mm in 20 mm
Special Tooling	4" Max. Dia.	100 mm thru 5.5 mm
Throat Depth	9"	225 mm
Flat Bar Shear (Sabre Blade - Std)	110 ton 24" Length 1" x 6" 3/4" x 10" 1/2" x 14" 3/8" x 24"	100 mt 600 mm 25 mm x 150 mm 18 mm x 250 mm 12 mm x 350 mm 10 mm x 600 mm
Angle Shear 90°	6" x 6" x 1/2"	150 mm x 150 mm x 12 mm
Angle Shear 45° (with Bar Shear)	3" x 3" x 3/8" 4" x 4" x 1/2"	75 mm x 75 mm x 10 mm 100 mm x 100 mm x 12 mm
Brake 12"	65 ton	59 mt
Brake 24"	45 ton	40 mt
Open End Brake	Max. 1/4" x 6" Flat or Angle Iron 3/4" 1"	6 mm x 150 mm 19 mm 25 mm
Pipe Notcher Schedule 40 I.D.	1-1/4" 1-1/2" 2"	32 mm 38 mm 50 mm
90° V. Notcher	6" x 6" x 5/16"	150 mm x 150 mm x 8 mm
Rectangle Notcher	3" x 5" x 3/8" 3" x 4" x 1/2"	75 x 125 x 10 mm 75 x 100 x 12 mm
V. Notch	3" x 3" x 3/8"	75 x 75 x 10 mm
Notching in Leg of Channel	6" to 10"	150 mm to 250 mm
Channel Shear	2" to 6" Adj.	50 mm to 150 mm Adj.
ROD SHEAR		
Round Rod	1/4" to 1-1/4", 9 Cav.	6 mm to 32 mm
Square Rod	1/4" to 1", 1 Cav.	6 mm to 25 mm
Square Tube Shear	1/2" to 2", 12 gauge 1/2" 3/4"	12 mm to 50 mm, 2.75 mm 12 mm 19 mm
Picket Tool	1" 16 gauge	25 mm 1.6 mm
Offset Die Holder	Max. 40 ton	36 mt
Strokes Per Minute in Light Material	1/4" Stroke [Punch Station]	25 spm
Strokes Per Minute in Heavy Material	3/4" Stroke [Punch Station]	17 spm
Hydraulics	2,400/2,600 psi	165/179 bar

Motors Standard	10 hp 3 ph 230/460 208/380/575	7.46 kW
Motors Optional	10 hp 1 ph 220v	7.46 kW
Dimensions	W-30" L-65" H-72-1/8"	W-76 cm L-165 cm H-183 cm
Weight	3,790 lbs.	1,720 kg