

# U.S. INDUSTRIAL MACHINERY

We are pleased to offer for your consideration:

**New U.S. Industrial 66 Ton Hydraulic Ironworker with Dual-operator Work Stations, Standard 12" punch throat**  
Model Number: USHI66



## Noteworthy Features of this Ironworker:

- Dual hydraulic cylinders for two-man operation with two moveable foot pedals
- Five workstations: punch, plate shear, angle shear, rod shear and notcher.
- This machine also comes with a press brake attachment.
- Punch station has large two-piece gauging table with fence
- Punch station has quick acting swing-away stripper with 3 inserts
- Punch station has removable sections for punch leg of channel or I-beam
- Quick change coupling nut and sleeve for punch
- Electric Backgauge, 3' long
- Electrically interlocked safety guard for notching station
- Magnetic base workstation light • 7.5 HP, 3-phase operation • This machine weighs 3,527 lbs.
- Three sets of round punch and die
- Spare parts and tools

## Dual Operator Hydraulic Ironworker Model: USHI66

<b>PUNCH STATION</b>	Figure 26 Punch / Figure 62 Die
Punching tons	66
Punching maximum - Round	3/4" thick x 1" diameter
Throat depth	12"
Punch and die clearance for gauge thickness	= slip fit to 1/64"
Punch and die clearance for 1/4" to 1/2" thickness	= 1/32"
Punch and die clearance for 1/2" to 3/4" thickness	= 1/16"
Punch and die clearance for 3/4" to 1" thickness	= 3/32"
Punch and die clearance for 1" and over thickness	= 1/8"

<b>FLAT BAR SHEAR STATION</b>	
Maximum thickness	5/8" thick x 10" width
Maximum length*	5/16" thick x 16" width
Blade length	16"

Bar Shear gapped for 1/4" thickness and up. Cutting gauge thickness may require shimming to reduce gap. \*With squaring arm removed

<b>ANGLE SHEAR STATION</b>	
Capacity at 90 degrees	5" x 5" x 3/8"
Capacity at 45 degrees	2" x 2" x 1/4"

<b>BAR SHEAR STATION</b>	
Round solid bar maximum	1-3/4"
Square solid bar maximum	1-9/16"

<b>RECTANGULAR NOTCHER STATION</b>	
Maximum thickness capacity	Width x Depth x Thick: 3" x 1-1/2" x 5/16"
Width of notcher top blade	3-3/16"
Depth of notcher	3-13/16"

Notcher Station not gapped for small gauge thickness. Must centerload heavy notches.

<b>REQUIREMENTS</b>	
Horsepower	7.5
Electrical	220 Volts, 3 phase or 440 Volts, 3 phase
Full load amps	25/12.5
Hydraulic oil type/capacity	Equal to Exxon/Mobil NUTO-H46 - 19 gal
Weight and dimensions	3,527 lbs. - 64"L x 31"W x 66"H

All capacity based on 65Kpsi Ultimate Tensile Strength

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(This model usually special order. See Model USHI66T-DO-XT for quicker delivery.)

### Optional Round Punch & Die Set as Described Below..... (UPIW1500)

Punch & Die Sets are a great way to stock your punch and die inventory. This Set is in stock and includes 12 F26 Round Punches, 12 F62 Round Dies, Half Pint of Punch-Easy®, and Toolbox.

#### ADDITIONAL INFORMATION

##### Punch & Die Sizes Include:

<b>F26 Punch</b>	1/4", 3/8", 1/2", 5/8", 3/4", 13/16", 15/16", 1", 1-1/16", 1- 3/16", 1-1/4", 1-1/2"
<b>F62 Die</b>	9/32", 13/32", 9/16", 11/16", 13/16", 7/8", 1", 1-1/16", 1-1/8", 1-1/4", 1-5/16", 1-9/16"

We await your reply and thank you for this opportunity to quote.

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Optional ROUND Punch and Die Set

