

# The Uni-Hydro Advantage

At Uni-Hydro we put everything in writing; we want you to know exactly what you as a client are getting with each ironworker Uni-Hydro manufactures. Even if tooling is optional or chosen by a client, we want you to know the tool's rated capacity so that you can make an informed decision.

Compare side-by-side every part of each machine to the Uni-Hydro ironworker. From load bearing pins that take the weight of every punch having more area to prevent breakdowns to the dimensions of our machine's designed for ease-of-use; notice how a Uni-Hydro ironworker has a distinct advantage over our competition.

A Uni-Hydro ironworker has:

- Simplified hydraulics
- Highest safety standards
- Safety manual punch aligner
- Better designed for durability
- Always had forklift accommodations
- Patented linkage system minimizes distortion on cuts and punches
- Sits flush against a wall freeing up floor space
- All tooling manufactured in-house for warranty assurance

Yellow ironworkers are rated on Mild Steel of 60,000 PSI. Grey does not state tensile strength in their literature. A 60,000 PSI rated ironworker will be warranted for 3 strengths of 58, 59 and 60,000 of **A36** steel. All Uni-Hydro ironworkers are warranted for 8 strengths from 58 to 65,000 PSI tensile of **A36** steel.

Why does an 80 ton Uni-Hydro ironworker perform the same if not better than a Blue S-90 ton ironworker? The patented Uni-Hydro linkage system equals less oil (less heat), single stage hydraulics' and a stronger more durable, longer lasting ironworker.

**Go Green!**  
**Made in the USA**

MANUFACTURER	UNI HYDRO PRO 125	BLUE S-120	GREY E-120	YELLOW PE-110
Rated Capacity	125 ton	120 ton	120 ton	110 ton
Throat Depth	12"	12"	11"	20.5"
Open Height	9 7/8"	-----	9 1/8"	14"
Closed Height	7 3/4"	-----	7"	7 3/4"
Punch - Max Material - Max Hole	1 9/16" in 1/2" 2" in 3/4" 3 1/8" in 1"	1 1/2" in 1"	1 1/2" in 1"	1 7/8" in 1" 5" in 1/4"
Plate Shear - Max Materials	1" in 10" 3/4" in 14" 1/2" in 20" 1/4" in 24"	1" in 12" 3/4" in 20" 1/2" in 24"	1" in 12" 1/2" in 24"	1" X 12" 3/4" X 18"
Angle Shear 90° - Bar Shear - Slug Type	6" X 6" X 1/2" 4" X 4" X 1/2"	6" X 6" X 1/2"	6" X 6" X 1/2" -----	5" X 5" X 1/2" w/ special blades
Miter Angle 45° - Slug Type - Sever Cut	4" X 4" X 1/2" 6" X 6" X 3/8"	3" X 3" X 3/8"	N/A	-----
Channel Shear	2", 3", 4", 5", 6"	2" to 6" adj	N/A	-----
Rod Shear - Round (max) - Square (max)	1 1/4" 1 1/4"	1 1/4" 1"	1 1/4" 1 1/4"	1/2" to 2" 1/2" to 1 3/8"
Coper Notcher 90°	4" X 4" X 1/2" 4" X 4" X 3/8"	N/A	3" x 6" x 1/2"	3 1/2" X 5" X 3/8"
Square Notcher	3" X 3" X 3/8"	2" X 2" X 3/8"	-----	-----
Pipe Notcher Sched 40 or 80	1/2", 3/4", 1", 1 1/4", 1 1/2", 2"	3/4", 1", 1 1/4", 1 1/2", 2"	-----	Optional
Brake	6", 9", 14", 18", 24"	12" -83 ton, 24" -65 ton	-----	18", 24", 36", 48"
Strokes per minute - light material - heavy material	40 8	37 25	-----	40
Hydraulics	3,000 psi	2,600	4,500 psi	3,700 psi
Oil Capacity	28 gal		17 gal	40 gal
Motor - Standard - Optional	7 1/2 HP, 3 phase 7 1/2 HP , 1 phase	5 HP, 3 phase 5 HP, 1 phase	10 HP, 3 phase 10 HP, 1 phase	15 HP, 3 phase
Dimensions - Width - Length - Height - Bar shear work ht. - Punch table top ht. - Cavity table top ht. - Notcher station ht. Working ht.	41" 61 1/2" 69 1/2" 30 3/4" 40 1/2" 41 3/4" 26 3/4" 43"	28" 77" 73" ----- ----- ----- ----- -----	60" 60" 84" 33 3/4" 36 5/8" 41" 40"	38" 112" 85" ----- 44" ----- -----
Weight (net)	<b>3,100</b>	<b>5,200</b>	<b>5,500</b>	<b>10,000</b>