

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 Scotchman 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 80-24	BLUE S-8510	GREY E-75	YELLOW P-90
Rated Capacity	80 ton	85 ton	75 ton	90 ton
Throat Depth	9"	6"	10"	12"
Open Height	9 7/8"	-----	8 3/4"	15 1/2"
Closed Height	7 3/4"	-----	6 7/8"	10 1/4"
Punch - Max Material - Max Hole	2" in 1/2" 1 3/8" in 3/4" 2 1/4" in 7/16"	1 1/16" in 1"	1 1/16" in 7/8"	1 1/8" in 1" 5" in 3/16"
Plate Shear - Max Materials	1" in 6" 3/4" in 10" 1/2" in 20" 1/4" in 24"	1" in 12" 3/4" in 20"	3/4" in 10" 1/2" in 14"	1" X 12" 3/4" X 18" 1/2" X 20"
Angle Shear 90° - Bar Shear - Slug Type	6" X 6" X 1/2" 4" X 4" X 3/8"	6" X 6" X 1/2"	5" X 5" X 3/8" -----	6" X 6" X 5/8" w/ special blades
Miter Angle 45° - Slug Type - Sever Cut	4" X 4" X 1/2" 4" X 4" X 3/8"	4" X 4" X 1/2"	N/A	-----
Channel Shear	2" & 3" combined or 4", 5", 6" standard	N/A	N/A	-----
Rod Shear - Round (max) - Square (max)	1 1/4" 1 1/4"	1 1/4" 1"	1" 1"	1/2" to 2" 1/2" to 1 3/8"
Coper Notcher 90°	4" X 4" X 1/2"	N/A	2 1/2" x 5" x 1/2"	4" X 6" 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", 24"	-----	12", 24"
Strokes per minute - light material - at max capacity	50 9	35 14	-----	50
Hydraulics	2,000 psi	2,600	2,800 psi	2,650 psi
Oil Capacity	16 qt		17 gallons	25 gallons
Motor - Standard - Optional	7 1/2 HP, 3 phase 7 1/2 HP, 1 phase	5 HP, 3 phase 5 HP, 1 phase	5 HP, 3 phase 5 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.	37" 46" 70" 29" 39 1/2" 41" -----	30" 67" 77" ----- ----- ----- -----	38" 44" 60" 41 1/2" 41 1/2" 43 1/2" 49"	35" 80" 65 1/2" ----- 44" ----- -----
Weight (net)	2,900	4,200	3,300	5,800