

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	UNIHYDRO 135-24	UNIHYDRO 150-24	BLUE S-150	YELLOW SEPP 140
Rated Capacity	135 ton	150 ton	150 ton	140 ton
Throat Depth	12" – 24"	12" – 24"	12"	20.5"
Open Height	10 3/8"	10 3/8"	-----	14"
Closed Height	8 9/16"	8 13/16"	-----	7 ¾"
Punch - Max Material - Max Hole	1 ½" in 1" 4" in 3/8"	1 7/8" in 1" 4" in 7/16"	1 ½" in 1 ¼" 1 7/8" in 1" 2 ½" in ¾"	1 5/8" in 1 ¼" 5" in 5/16"
Plate Shear - Max Materials	1" in 12" ¾" in 18" 5/8" in 20" ½" in 24"	1" in 14" ¾" in 18" 5/8" in 22" ½" in 24"	1" in 14" ¾" in 24"	Optional
Angle Shear 90° - Bar Shear - Slug Type	6" X 6" X ½" 4" X 4" X ½"	6" X 6" X ½" 4" X 4" X ½"	6" X 6" X ½"	Optional
Miter Angle 45° - Slug Type - Sever Cut	4" X 4" X ½" 6" X 6" X 3/8"	4" X 4" X ½" 6" X 6" X 3/8"	3" X 3" X 3/8"	-----
Channel Shear	2", 3", 4", 5", 6", 7", 8"	2", 3", 4", 5", 6", 7", 8"	2" to 6" adj	-----
Rod Shear - Round (max) - Square (max)	1 ¼" 1 ¼"	1 ½" 1 ½"	1 ¼" 1"	Optional
Coper Notcher 90°	4" X 4" X 5/16" 4" X 4" X ½"	4" X 4" X 5/16" 4" X 4" X ½"	N/A	Optional
Square Notcher	3" X 3" X 3/8"	3" X 3" X 3/8"	2" X 2" X 3/8"	-----
Pipe Notcher Sched 40 or 80	½", ¾", 1", 1 ¼", 1 ½", 2"	½", ¾", 1", 1 ¼", 1 ½", 2"	¾", 1", 1 ¼", 1 ½", 2"	Optional
Brake	6", 9", 14", 18", 24"	6", 9", 14", 18", 24"	12" -75 ton, 24" -55 ton	18", 24", 36", 48"
Strokes per minute - light material - heavy material	40 8	40 8	20 11	----- -----
Hydraulics	3,000 psi	3,000 psi	3,500	3,700 psi
Oil Capacity	28 gal	28 gal		40 gal
Motor - Standard - Optional	7 ½ HP, 3 phase 7 ½ HP, 1 phase	7 ½ HP, 3 phase 7 ½ HP, 1 phase	10 HP, 3 phase 10 HP, 1 phase	20 HP, 3 phase
Dimensions - Width - Length - Height - Bar shear work ht. - Punch table top ht. - Cavity table top ht. - Notcher station ht. Working ht.	46" 79" 91 ½" 98" 32 ½" 39" 43" 43"	46" 79" 91 ½" 98" 32 ½" 39" 43" 43"	34" 77 ¼" 74 ¼" ----- ----- ----- -----	93" 81" 85" ----- 44" ----- -----
Weight (net)	7,220	8,000	6,400	7,800