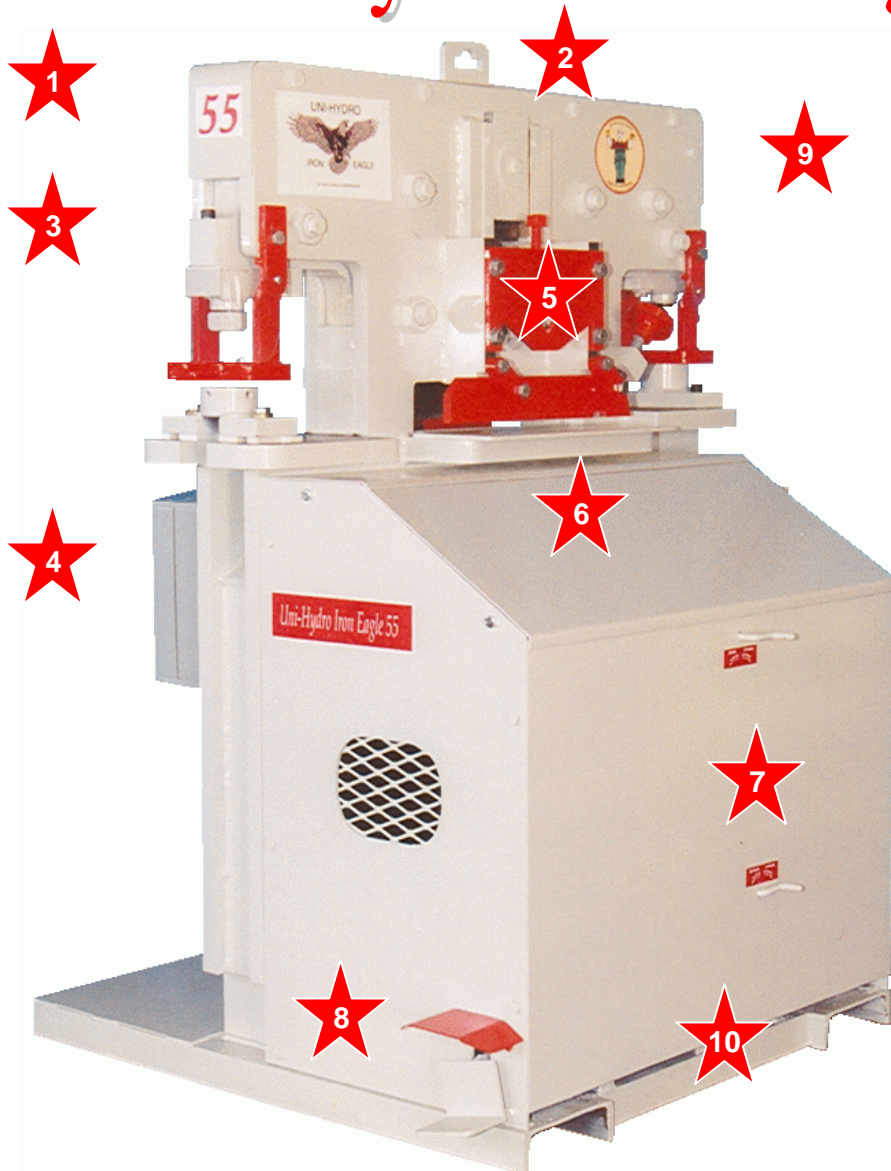


The Uni-Hydro Advantage



- 1** – Over 30 International patents on the Uni-Hydro line of ironworkers. No other competitor can claim even half as many or any for that matter.
- 2** – Multiple load bearing pins add up to 70% more load bearing pin surface sharing the same tonnage of our competitors. This creates a more effective working cycle and stability of the entire machining process.
- 3** – Safety is our highest concern which provides you an assurance for all work performed.
- 4** – All controls are simple, easy to understand and provided in convenient locations.
- 5** – No other ironworker manufacture can match the shearing capability of a Uni-Hydro “low rake” shear.

- 6** – Uni-Hydro’s patented linkage system provides the best shear in the industry. Three shearing actions are performed at the same time to ensure each cut is as near perfection as is possible.
- 7** – Energy Efficient – Our linkage system with a simplified power structure provides the right power at the right time – every time.
- 8** – Petal is always open when ironworker is running until pressed by an operator. – Safety -
- 9** – All machines are Blanchard ground to exact tolerances.
- 10** – Forklift accommodations – Never before available until Jim Dvorak put the first set on our Uni-Hydro ironworkers.

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. Remember to include the psi tensile strength of steel a Uni-Hydro ironworker cuts. 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.

Made in the USA

MANUFACTURER	UNI HYDRO IE 55	BLUE S-50CM	GREY E-55	YELLOW P-50
Rated Capacity	55 ton	50 ton	55 ton	50 ton
Throat Depth	7 ¾"	6"	7"	6"
Open Height	6 ¼"	-----	8"	13 ½'
Closed Height	4 ¾"	-----	6 ¾"	9 ¼"
Punch - Max Material - Max Hole	1 3/8" in ½" 7/8" in ¾"	1 ¼" in ½" 13/16" in ¾"	1 1/16" in 5/8"	13/16" in ¾" 5" in 1/8"
Plate Shear - Max Materials	¾" X 4" ½" X 14"	¾" in 4" ½" in 8" 3/8" in 10" ¼" in 14"	½" in 12" 3/8" in 14"	1" X 4" ¾" X 10" ½" X 15"
Angle Shear 90° - Bar Shear - Slug Type	4" X 4" X 3/8"	4" X 4" X 3/8"	4" X 4" X ¼" 3" X 3" X 3/8"	5" X 5" X ¾" w/ special blades
Miter Angle 45° - Slug Type - Sever Cut		2" X 2" X 3/8"	N/A	-----
Channel Shear	1" & 2" combined or 3" standard	N/A	N/A	-----
Rod Shear - Round (max) - Square (max)	1" 1"	¾" ¾"	-----	¼' to 1 ½' ½' to 1'
Coper Notcher 90°	3" X 3" X ¼"	N/A	-----	2 ¾" X 4" X ¾"
Pipe Notcher Sched 40 or 80	½", ¾", 1", 1 ¼", 1 ½", 1 ¾", 2"	¾", 1", 1 ¼", 1 ½", 2"	-----	Optional
Brake	10" X ¼"	8", 12"	-----	Optional
Strokes per minute - light material - at max capacity	8	40 17	-----	50
Hydraulics	2,300 psi	2,100	2,600 psi	2,650 psi
Oil Capacity	20 qt		7 gallons	20 gallons
Motor - Standard - Optional	5HP, 1 or 3 phase	3 HP, 3 phase 5 HP, 1 phase	5 HP, 3 phase 5 HP, 1 phase	10 HP, 3 phase
Dimensions - Width - Length - Height - Bar shear work ht. - Punch table top ht. - Cavity table top ht. - Notcher station ht.	38" 43" 58"	29" 47" 59"	36" 42 ½" 59" 34 ¾" 37 ½" 35 ¼" 40"	24" 55" 60" ----- 42" ----- -----
Weight (net)	1,500	1,275	2,350	2,650