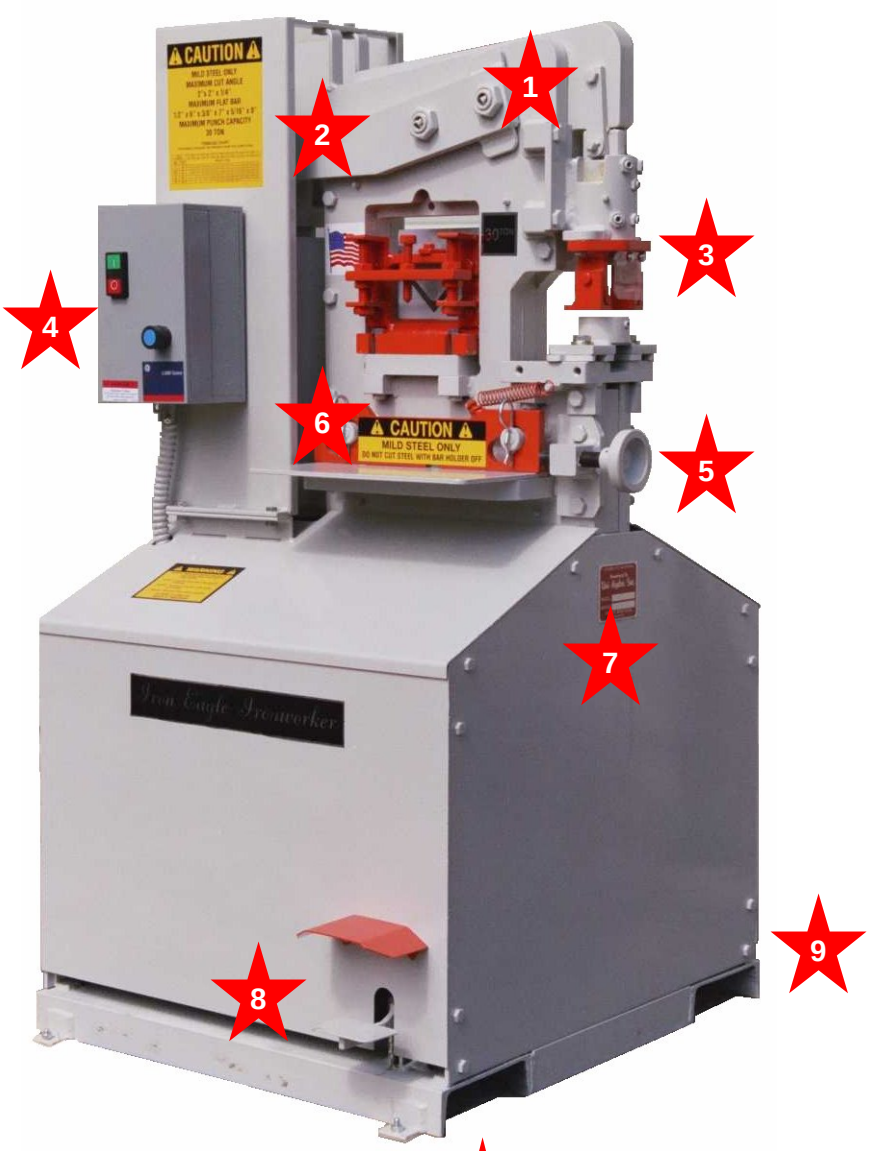
The Uni-Hydro Advantage



1 – Multiple load bearing pins share the workload and displace energy generated throughout the machine instead of one small diameter pin commonly found in most competitors' models.

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 – Work areas grouped in front of machine giving you the opportunity to place our machines against an outer wall for open floor space.

6 – Uni-Hydro's patented linkage system provides the best shear in the industry. 3 way shearing actions are performed at the same time to ensure each cut is as near perfection as is possible.

7 – Energy Efficient – Matched side-by-side with comparable machines our 30-8 has no equal for shearing or punching. 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 – Forklift accommodations – Never before available until Jim Dvorak put the first set on our Uni-Hydro ironworkers.

The Uni-Hydro Advantage

Every industry has competitors and the ironworker industry is no exception. When Jim Dvorak first started designing and patenting his revolutionary ironworker ideas, there were few if any competitors. Jim Dvorak has introduced a wealth of ideas to the hydraulic ironworker industry. Begin with the first fully patented ironworker body; many of Jim's nonpatented ideas are the fuel behind the competitions machines. These ideas are as Charles Calab Colton (1780-1832) said "Imitation is the sincerest form of flattery"; we at Uni-Hydro are proud to be a leader in the ironworker industry.

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 the client, we want you to know the tool's rated capacity so that you can make an informed decision.

A weight lifter by comparison doesn't just work one area of his body, he works every muscle in his entire body. When a Uni-Hydro ironworker is compared side-by-side notice how every part of each machine is fine tuned to the over-all machine. 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:

- Ability to sit flush against a wall freeing up floor space
- Always had forklift accommodations
- Simplified hydraulics
- Better designed for durability
- Close tolerances minimize distortion on cuts and punches
- Safety manual punch aligner
- Highest safety standards
- 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	UNIHYDRO 30-8	YELLOW P-36	GREY E25
Rated Capacity	30 ton	36 ton	25 ton
Throat Depth	4 ½ "	5"	5 ½"
Open Height	5 1/8"	11 ½'	6"
Closed Height	3 5/16"	7 ½"	5"
Punch - Max Material - Max Hole	1" in ½" 1 3/8" in 3/8"	13/16" in ½" 1 ½" in 3/16"	1" in 5/16"
Plate Shear - Max Materials	3/8" X 14" ½" X 10" 5/8" X 6"	¼" X 13" ½" X 8" 5/8" X 5"	-----
Angle Shear 90° - Bar Shear - Slug Type	3" X 3" X 3/8" 3" X 3" X ¼"	3 ½" X 3 ½" X 5/16" w/ special blades	-----
Miter Angle 45° - Slug Type - Sever Cut	3" X 3" X 3/8" 2" X 2" X 5/16"	-----	-----
Channel Shear	1" & 2" combined or 3" standard	-----	-----
Rod Shear - Round (max) - Square (max)	¾" ¾"	1 3/8" 1"	-----
Coper Notcher 90°	3" X 3" X ¼"	2 ¼" X 3" X ¼"	-----
Square Notcher	1 ¾" X 2" X ¼"	-----	-----
Pipe Notcher Sched 40 or 80	½", ¾", 1", 1 ¼", 1 ½"	-----	-----
Brake	6" or 9" X ¼"	-----	-----
Strokes per minute - light material - at max capacity	50 9	40	-----
Hydraulics	1,000 psi	2,000 psi	2,200 psi
Oil Capacity	15 qt	12 gallons	4 gallons
Motor - Standard - Optional	3HP, 3 phase 3HP, 1 phase	5 HP, 3 phase	1 HP, 1 phase
Dimensions - Width - Length - Height - Bar shear work ht. - Punch table top ht. - Cavity table top ht. - Notcher station working ht.	24" 27" 50" ----- ----- ----- -----	24" 55" 58" ----- 42" ----- -----	29" 23" 55" ----- 38 ½"" 35 ¾" -----
Weight (net)	**880**	**1700**	**1,000**