



412 MACHINE SPECIFICATIONS

Force range	250 lbs to 8,000lbs (1kn to 36kn)
Repeatability	+/- 1% of Force set
Throat depth	12" (305mm)
Stroke length	0 to 6" (0 to 150mm)
Adjustable up stroke	3/8"- 6" (10-150mm)
Oil tank reservoir	2 gallons (8 litres)
Hydraulic pump motor	1.5 hp.
Electrics	110, 208 or 230 single phase.
Weight	650 lbs (295 kg)
Weight with stand	700 lbs (317 kg)
Footprint dimensions	42"x 48"x 47"

Hydraulic system

- Less susceptible to heat and humidity
- Providing a precision force with a repeatability of +/- 1%
- Accurate insertion of fasteners, especially in softer or delicate materials
- Even application of pressure ensures a proper seating of the fastener
- The ability to apply pressure at any point in the stroke
- The ram can be jogged both up and down and is reversible at any point in the stroke

Low energy usage

- The hydraulic system uses around 40% less energy than air or air over hydraulic methods making it a less expensive machine to operate.

12 inch Throat Depth

- This facilitates easy access to medium size parts

Safety System

- This is a patented system which is in effect anywhere in the stroke irrespective of the tooling length and because it requires no set up or adjustment by the operator, no time is added to the initial machine set up time or tool change time