

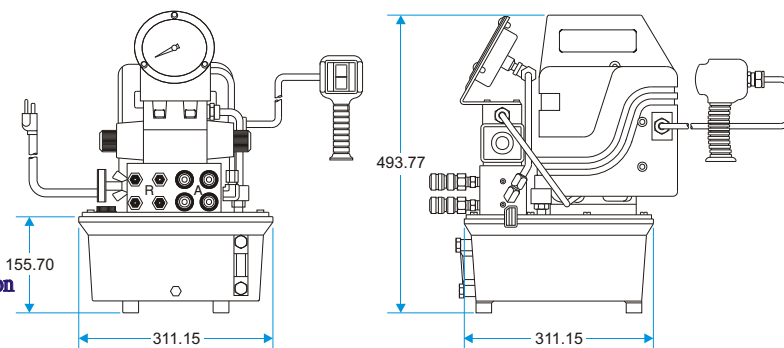
POWER PACKS

Quadra-Torc - (4 Port)



ELECTRIC

EP1000
(Shown with Mono-Port)



EP1000 - High Flow - High Speed for Heavy Duty Application

- Quadra-Torc Multi-Port Manifold (Max. 4 Ports).
- Cool running continuous duty clydesdale pump.
- Powerful 1.5HP permanent magnet motor.
- 115V and 230V available.
- Starts under full load.
- Runs on reduced voltage.
- Quiet operation (approx. 80 dBA @ 10,000 PSI).
- Rugged remote pendant to control motor and valve.
- Easily adjustable pressure control knob.
- Auto-dump relieves oil pressure from hoses.
- Completely enclosed motor housing and electronics.
- 2 Gallon oil reservoir.
- Precise PSI/BAR pressure gauge.
- Quick-connect no-drip couplers with safety locking collar.
- Supplied with dual non-conductive high pressure hose with couplers.

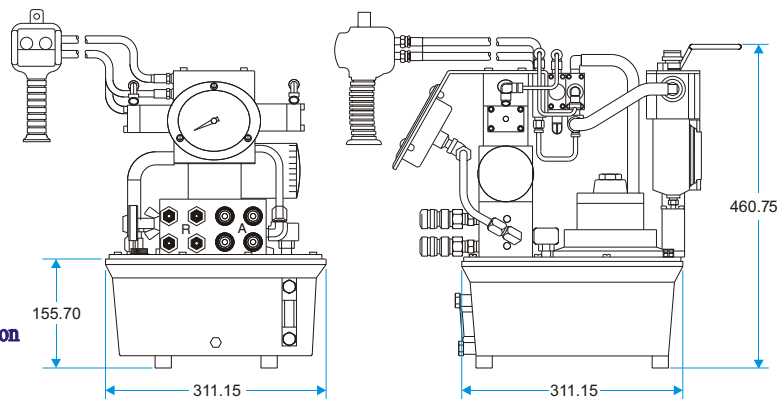
Resvr. Size (Gal.)	Valve		Motor Spec. (Permanent Magnet)	Flow Rate @ 115 VAC		Weight	
	Control	Type		600 psi	10,000 psi	kg	lbs
2	Solenoid	4 Way/3 Pos.	1.5 HP Single Phase	11.47 lpm	0.82 lpm	25.4	56

Retract pressure is preset at 1,300 PSI.



PNEUMATIC

AP1000
(Shown with Mono-Port)



AP1000 - High Flow - High Speed for Heavy Duty Application

- Quadra-Torc Multi-Port Manifold (Max. 4 Ports).
- Cool running continuous duty clydesdale pump.
- Powerful 1.5HP industrial duty air motor.
- Runs on 50 cfm / 80 PSI of air.
- Quiet operation (approx. 80 dBA @ 10,000 PSI).
- Rugged remote pendant to control motor and valve.
- Easily adjustable pressure control knob.
- Auto-dump relieves oil pressure from hoses.
- Filter-lubricator for long trouble free operation.
- 2 Gallon oil reservoir.
- Precise PSI/BAR pressure gauge.
- Quick-connect no-drip couplers with safety locking collar.
- Supplied with dual non-conductive high pressure hose with couplers.

Resvr. Size (Gal.)	Valve		Motor Specifications	Flow Rate @ 50 cfm/ 90psi		Weight	
	Control	Type		600 psi	10,000 psi	kg	lbs
2	Solenoid	4 Way/3 Pos.	1.5 HP Rotary Air	9.83 lpm	0.82 lpm	24.5	54

Retract pressure is preset at 1,300 PSI.

Standard Roll Bar Dimensions : 25-7/16" L x 20-1/2" H x 166-3/4" W

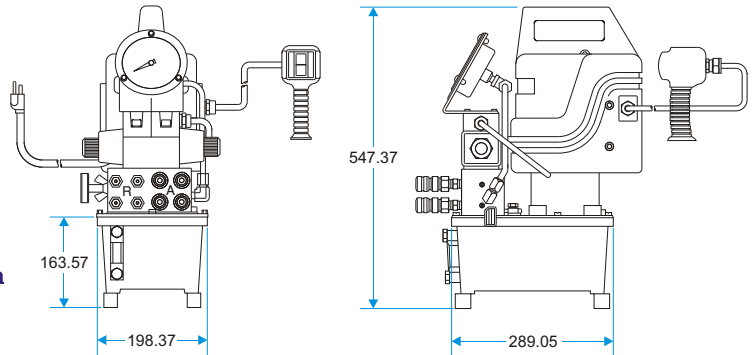
POWER PACKS

Quadra-Torc - (4 Port)



MINI-ELECTRIC

EP500
(Shown with Mono-Port)



EP500 - Medium Flow - Medium Speed for Light Duty Application

- Quadra-Torc Multi-Port Manifold (Max. 4 Ports).
- Cool running continuous duty clydesdale pump.
- Powerful 0.5HP permanent magnet motor.
- 115V and 230V available.
- Starts under full load.
- Runs on reduced voltage.
- Quiet operation (approx. 80 dBA @ 10,000 PSI).
- Rugged remote pendant to control motor and valve.
- Easily adjustable pressure control knob.
- Auto-dump relieves oil pressure from hoses.
- Completely enclosed motor housing and electronics.
- 1 Gallon oil reservoir.
- Precise PSI/BAR pressure gauge.
- Quick-connect no-drip couplers with safety locking collar.
- Supplied with dual non-conductive high pressure hose with couplers.

Resvr. Size (Gal.)	Valve		Motor Spec. (Permanent Magnet)	Flow Rate @ 115 VAC		Weight	
	Control	Type		600 psi	10,000 psi	kg	lbs
1	Solenoid	4 Way/3 Pos.	0.5 HP Single Phase	6.55 lpm	0.33 lpm	20.45	45

Retract pressure is preset at 1,300 PSI.

Quadra-Torc Pump Accessories



Hoses available in all lengths
(15' hose standard with all pumps)



No-Drip Quick-Connect Couplers
(Standard on all TorcUP equipment)



Threaded Couplers



Flat-Faced Quick-Connect Couplers

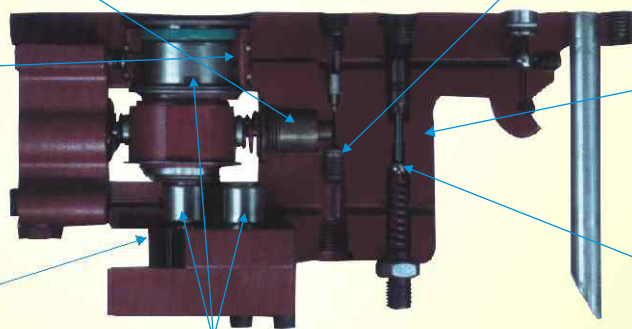
Clydesdale Technology Is At The Heart Of All **torcUP** Pumps!

Sleeved piston bores allow easy replacement of precision components without replacing the entire pump body.

High pressure ball seats are designed as replaceable cartridges rather than machined into the body. Worn or damaged seats can be easily replaced without replacing the body.

Only TorcUP clydesdale pumps incorporate an oiler system that sprays the upper unit with oil and keeps critical components lubricated and running cool, especially when most of the reservoir oil is being used

High efficiency gear pump provides more first stage flow and higher crossover pressures. Field proven gear pumps run cooler and last longer and are proven to provide years of troublefree service.



Solid, one piece pump body with internal flow paths eliminates potential leak points caused by threaded fittings, high pressure tubing and bolt together pump bodies.

Unloading valve passes full power to the second stage at crossover. No power is lost holding relief valves open and less heat is generated.

Four full size, full complement bearings add life and efficiency while contributing to cool and quiet running.