

▼ EP3504T E-Pulse Torque Wrench Pump



Productivity through innovation



Bolting Integrity Software

Enerpac Bolting Integrity Software Solutions play a key role in implementing and managing an Integrity Program for bolted connections. The software offers Tool selection, Bolt Load calculations and Tool pressure settings, as well as, a combined Application Data Sheet and Joint Completion Report. Custom Joint information can also be entered.

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Performance

- Two-stage pump with high by-pass pressure: 220 in³/min at 2900 psi, 32 in³/min at 10,000 psi
- Smart controls enable motor to maintain constant power across the pressure range
- 24V DC power regulator minimizes effects of poor power supply
- Six-piston block design provides even flow for smooth operation of tool

Durability

- High-efficiency permanent magnet, direct drive motor enables continuous use and long service life
- Built-in thermal protection
- System components enclosed for protection
- IP Rating: IP54 on the Pump, IP67 on the Pendant
- Integrated heat exchanger minimizes heat buildup

Convenience

- Integrated calibrated pressure gauge
- Pendant and cord management system
- Draining oil not required for pump element maintenance
- Convenient oil fill port, oil level indicator and automatic breather



Torque Wrenches

The following wrenches are ideal for use with the E-Pulse Torque Wrench Pump:

S-Series	W-Series	RSL-Series
S1500X	W2000X	RSL1500
S3000X	W4000X	RSL3000
S6000X	W8000X	RSL5000

Larger wrenches will work with the pump, battery run time and application speed will be impacted.

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Twin Torque Wrench Hoses

Use Enerpac THQ-700 series twin hoses with 10,000 psi pumps.

10,000 psi	
6 feet long, 2 hoses	THQ-702T
19.5 feet long, 2 hoses	THQ-706T
39 feet long, 2 hoses	THQ-712T

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E-Pulse™, Electric Torque Wrench Pumps



E-Pulse Torque Wrench Pump

The Enerpac E-Pulse Torque Wrench Pump, through its innovative design, is ideal for high volume fastening applications where weight is a critical factor. Smart controls enable the motor to maintain constant power providing higher flow than "traditional" ½ hp pumps.

The durable aluminum housing, integrated heat exchanger and highly efficient permanent magnet motor minimize heat buildup in the toughest environments. The interactive pendant provides the operator a number of usage options for optimal efficiency. The E-Pulse Torque Wrench Pump is the pinnacle of bolting equipment.

E Series



Useable Reservoir Capacity:

0.8 gallon

Flow at Rated Pressure:

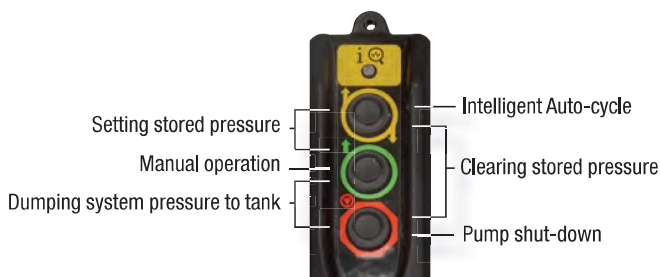
32 in³/min.

Motor Size:

0.85 hp

Maximum Operating Pressure:

10,000 psi

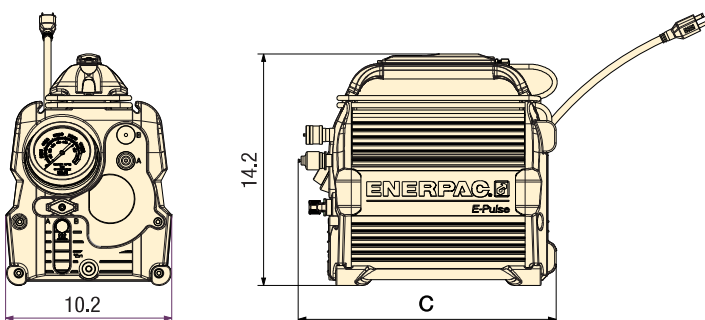
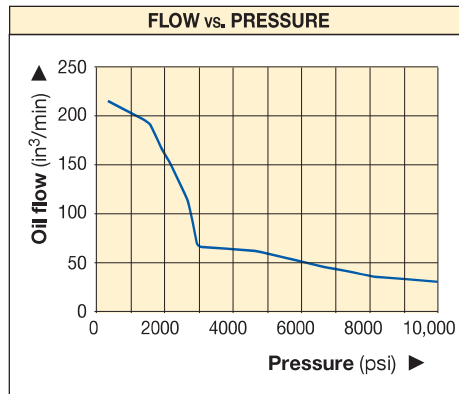


Torque Wrench

20-ft. cord

Interactive Torque Wrench Pendant

- User can set pressure and operate in manual or auto-cycle mode
- Intelligent Auto-Cycle enables press and release actuation to cycle wrench until final torque is achieved



▲ EP3504T-M shown with multi-port manifolds

Number of Wrenches Pump can Operate	Useable Oil Capacity (gal)	Model Number	Output Flow Rate (in ³ /min)				Motor Voltage (VAC)	Plug Type	Current Draw (Amps)	Sound Level (dBA)	Dimension C (in)	Weight (with oil) (lbs)
			14.5 psi	2538 psi	5075 psi	10,000 psi						
1	0.8	EP3504TB	220	130	58	32	100-120	NEMA 5-15	12	70-85	15.8	44.9
		EP3504TI	220	130	58	32	200-250	NEMA 6-15	7	70-85	15.8	44.9
		EP3504TE	220	130	58	32	200-250	Schuko CEE 7/7	7	70-85	15.8	44.9
2	0.8	EP3504TB-M*	220	130	58	32	100-120	NEMA 5-15	12	70-85	16.9	47.9
		EP3504TI-M*	220	130	58	32	200-250	NEMA 6-15	7	70-85	16.9	47.9
		EP3504TE-M*	220	130	58	32	200-250	Schuko CEE 7/7	7	70-85	16.9	47.9

* Pump model with multi-port manifold.