

▼ EP3504TB 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.

Page: 416

Performance

- Two-stage pump with high by-pass pressure: 60 in³/min at 3000 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 XC Cordless Torque Wrench Pump:

Torque Wrench Series

S	W	RSL	DSX	HMT
S1500X	W2000X	RSL1500	DSX1500	HMT1500
S3000X	W4000X	RSL3000	DSX3000	HMT3500
		RSL5000	DSX5000	HMT7500

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

Page: 239



THQ Series Torque Wrench Hoses

Use Enerpac THQ700 series twin hoses with 10,000 psi torque wrenches and torque pumps.

10,000 psi	
6 feet long, 2 hoses	THQ702T
19.5 feet long, 2 hoses	THQ706T
39 feet long, 2 hoses	THQ712T

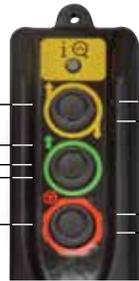
E-Pulse® Electric Torque Pumps



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.

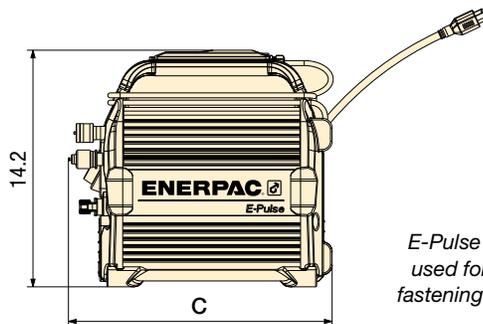
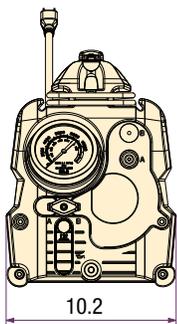


- Setting stored pressure
- Manual operation
- Dumping system pressure to tank
- Intelligent Auto-cycle
- Clearing stored pressure
- Pump shut-down

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



E-Pulse torque pump used for high volume fastening applications.

E Series



Useable Reservoir Capacity:

0.8 gallon

Flow at Rated Pressure:

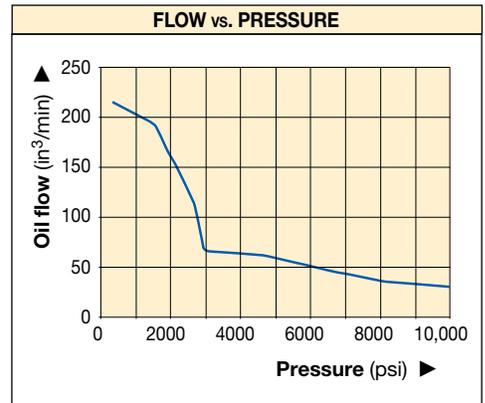
32 in³/minute

Motor Size:

0.85 hp

Maximum Operating Pressure:

10,000 psi



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.