

Torque Wrench Pumps

Battery Pump

▼ Shown: XC1502TB

Bolting



- Ideal for maintenance bolting applications requiring portability and convenience
- Interactive pendant provides visual and vibratory feedback of pump operation
- Superior run-time with 5Ah, 28V battery
- 20-foot detachable pendant control
- 4-inch glycerin-filled gauge for easy viewing
- Bladder reservoir allows pump to be used in any position
- High-strength fiberglass reinforced composite housing provides superior durability in demanding job site environments
- Integrated handle and carrying strap for portability

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Portable Battery Pump for Torque Applications



28-Volt Battery

The XC28V5 with Lithium-Ion technology for maximum battery performance.



Battery Charger

1-hour quick charger.

XC115VC	115 VAC
XC230VC	230 VAC



Roll Cage

Roll cage accessory option for both XC-TW and XC pump. Please order model No. XCRCTK.



Torque Wrenches

The following wrenches are ideal for use with the XC Cordless Torque Wrench Pump:

<u>S-Series</u>	<u>W-Series</u>
S1500X	W2000X
S3000X	W4000X

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

Torque Wrench Pumps

Battery Pump



The XC-Series Cordless Torque Wrench pump is ideal for maintenance applications in the PowerGen, Oil & Gas and MRO markets. This portable pump is perfect for remote locations, sites that do not have access to power or where trip hazards are a concern.

The interactive pendant allows the user to set and clear pressure and operate in manual or auto-cycle mode.

The pump has an easily accessible user adjustable valve for precise pressure control.

Fasteners Torqued On One Charge

Torque Wrench	Nut AF	Stud	PSI	Ft. Lbs.	Fasteners Torqued
S3000	2 3/8"	1 1/2"	4800	1500	32
W2000	2 3/8"	1 1/2"	5000	1000	52

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XC Series



Useable Oil Capacity:

120 in³

Flow at Rated Pressure:

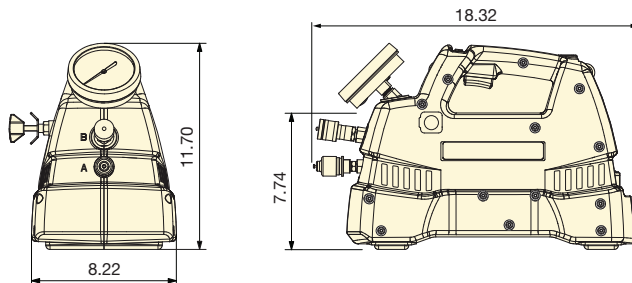
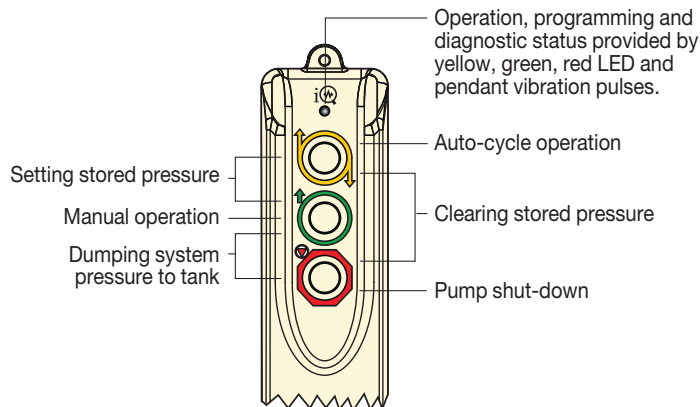
15 in³/min.

Motor Size:

.5 hp

Maximum Operating Pressure:

10,000 psi



Twin Torque Wrench Hoses

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

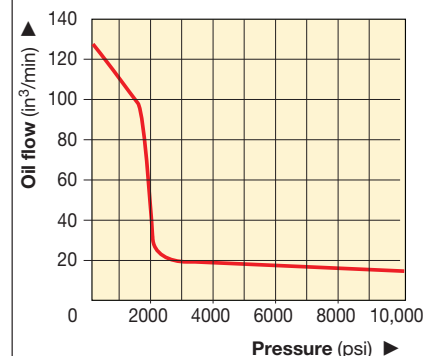
19.5 feet long, 2 hoses

THQ706T

39 feet long, 2 hoses

THQ712T

OIL FLOW vs. PRESSURE



Pump Type	Useable Oil Capacity (in ³)	Model Number	Output Flow Rate (in ³ /min)			Included with Pump	Weight (includes oil, no battery*) (lbs)
			No Load	2000 psi	10,000 psi		
Cordless Pump Kit	120	XC1502TB	125	30	15	2 batteries and 115V charger	26.6
Cordless Pump Kit	120	XC1502TE	125	30	15	2 batteries and 230V charger	26.6
Cordless Pump	120	XC1502T	125	30	15	No batteries or charger	26.6

* Battery weight: 2.4 lbs

Torque Wrench Pumps

Electric, ZU4 Series

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▼ Shown: ZU4204TB-Q and ZU4204BB-Q



- Features Z-Class high-efficiency pump design; higher oil flow and bypass pressure, cooler running and requires 18% less current draw than comparable pumps
- Powerful 1.7 hp universal electric motor provides high power-to-weight ratio and excellent low-voltage operating characteristics
- High-strength, molded composite shroud protects motor and electrical components, while providing an ergonomic, non-conductive handle for easy transport
- Low-voltage pendant provides additional safety for the operator
- Valve technology reduces oil operating temperatures and withstands contaminants to increase pump reliability

Pro-Series

- LCD readout provides pressure and torque display and a number of diagnostic and readout capabilities never before offered on a portable electric pump
- Auto cycle feature provides continuous cycle operation of the torque wrench as long as the advance button is pressed. (Pump can be used with or without auto cycle feature)

COMMON PUMP MODELS

	For Use With Torque Wrenches	Model Number ^{1) 4)}	Motor Electrical Specification	Usable Oil Capacity (gal)	Weight with Oil (lbs)
Pro-Series	All wrenches	ZU4204TB-Q	115 V-1 ph	1.0	70
		ZU4208TB-Q	115 V-1 ph	1.75	76
		ZU4204TE-Q ³⁾	208-240 V-1 ph	1.0	70
		ZU4208TE-Q ³⁾	208-240 V-1 ph	1.75	76
		ZU4204TI-Q ³⁾	208-240 V-1 ph	1.0	70
		ZU4208TI-Q ³⁾	208-240 V-1 ph	1.75	76
Classic	All wrenches	ZU4204BB-QH	115 V-1 ph	1.0	82
		ZU4208BB-Q	115 V-1 ph	1.0	73
		ZU4208BE-QH ³⁾	208-240 V-1 ph	1.75	83
		ZU4204BE-Q ³⁾	208-240 V-1 ph	1.0	74
		ZU4208BI-QH ³⁾	208-240 V-1 ph	1.75	88
		ZU4208BI-Q ³⁾	208-240 V-1 ph	1.75	79

- ¹⁾ All models meet CE safety requirements and all TÜV requirements
²⁾ European plug and CE EMC directive compliant
³⁾ With NEMA 6-15 plug
⁴⁾ Replace the Q- suffix with an -E suffix for Enerpac SQD and HXD 11,600 psi torque wrench pumps

ZU4T Series



Reservoir Capacity:
1 and 1.75 gal.

Flow at 10,000 psi:
60 in³/min.

Motor Size:
1.7 hp

Maximum Operating Pressure:
10,000 psi



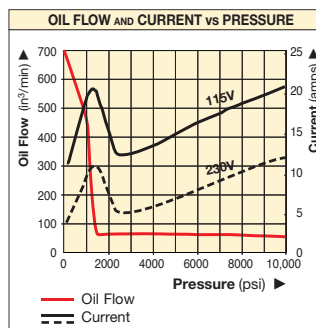
Classic Electrical

Basic electrical package includes mechanical contactor, ON/OFF toggle switch, pendant with electro-mechanical pushbuttons, 24V transformer timer and operator accessible circuit breaker.



Back-lit LCD Display for Pro Series

- Digital pressure or torque read-out
- Programmable "Auto-Cycle" setting
- "Auto-Cycle" setting easily programmable
- Torque wrench model is selectable
- Display torque in Nm or Ft.lbs
- Pump usage information, hour and cycle counts
- Low-voltage warning and recording
- Self-test and diagnostic capabilities
- Information can be displayed in English, French, German, Italian, Spanish and Portuguese
- Pressure transducer is more accurate and durable than analog gauges



Torque Wrench Pumps

Ordering Matrix & Specifications, ZU4T

ENERPAC 

Bolting

▼ This is how a ZU4 Series pump model number is built up:

1	2	3	4	5	6	7	8	8	8
Product Type	Motor Type	Flow Group	Valve Type	Reservoir Size	Valve Operation	Voltage	Must be E or Q	Options	Options

1 Product Type

Z = Pump series

2 Motor Type

U = Universal electric motor

3 Flow Group

4 = 60 in³/min @ 10,000 psi

4 Valve Type

2 = Torque wrench valve

5 Reservoir Size (useable capacity)

04 = 1.0 gallon

08 = 1.75 gallons

6 Valve Operation

T = Solenoid valve with pendant, LCD Electric and pressure transducer.

B = Solenoid valve with pendant, classic electrical

7 Voltage

B = 115V, 1 ph, 50/60 Hz

E = 208-240V, 1 ph, 50/60 Hz (with European plug CE RF compliant)

I = 208-240V, 1 ph, 50/60 Hz (with NEMA 6-15 plug)

8 Factory installed features and options

E = 11,600 coupler for use with HXD-, SQD-Series or other wrenches

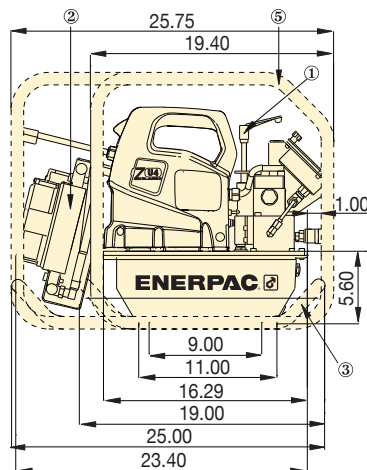
Q = 10,000 coupler for use with S- and W-Series or other wrenches

H = Heat exchanger

K = Skidbar

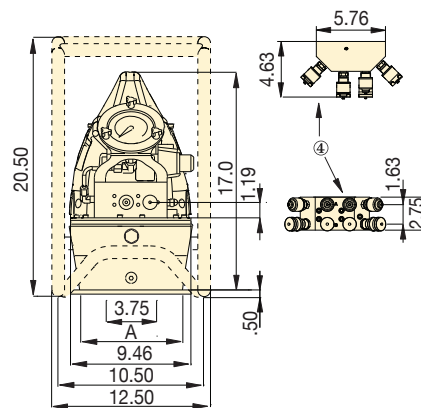
M = 4-wrench manifold

R = Roll cage



ZU4-Series Torque Wrench Pumps

Reservoir Size (useable gallons)	A (in)
1	6.0
1.75	8.1



Dimensions shown in inches

- ① User adjustable relief valve
- ② Heat exchanger (optional)
- ③ Skidbar (optional)
- ④ 4-wrench manifold (optional)
- ⑤ Roll cage (optional)

Torque Wrench Pumps

Electric, TQ-700 Series

ENERPAC 

Bolting

▼ Shown: TQ-700E



- Optimized flow technology three stage pump maximizes productivity of the pump and tool while minimizing heat build-up and downtime
- Heat exchanger is standard
- A quiet (<85 dBA), lightweight pump with a compact footprint — easy to move around
- Durable roll cage with an ergonomically sized handle and shielded gauge
- Maintenance made simple with a brushless motor designed for continuous usage
- Straightforward operation with a simple pressure set and convenient to use 20 ft. pendant cord
- IP55 Rating for superior dust and water protection
- Transparent gauge overlays in Ft.lbs and Nm for all Enerpac S and W-Series torque wrenches provide a quick torque reference

Lightweight Torque Wrench Pump



Optimized for S-Series and W-series Hydraulic Torque Wrenches

Enerpac offers a complete range of square drive and hexagon cassette torque wrenches.



Pendant Control

The TQ-700 comes equipped with a 20-foot pendant cord which allows the user to pressurize the pump from a distance increasing productivity and speed of setup.



Four Port Manifold

The TQ-700 Classic offers an optional four wrench manifold as an accessory (TQM) factory installed. (Add suffix

"M" at the end of the model number. For example: TQ700EM)



Twin Torque Wrench Hoses

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

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

Torque Wrench Pumps

Electric, TQ-700 Series

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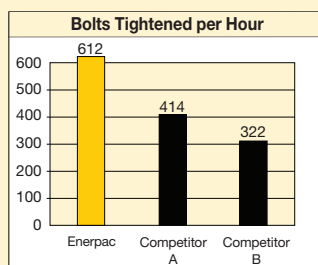
TQ-700 Series Pump Applications

The TQ-700 Series pump is ideal for powering hydraulic wrenches for the Power Generation and Wind Markets.

The TQ-700 has been engineered with **Optimized Flow Technology** to deliver up to 50% faster bolt tightening than competing pumps.

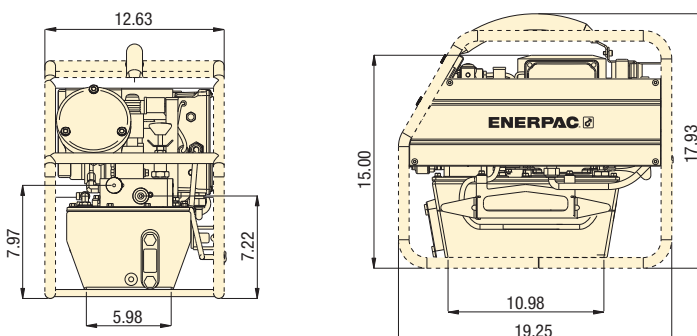
Bolting speed is more complex than how much flow per minute the pump produces. The key is optimizing the flow rate across the entire bolting cycle. With more oil flowing at the right time and at the right volume, you achieve the optimized flow for a hydraulic bolting system. The result of

this optimized flow is more bolts tightened faster and a more productive work team.



Internal laboratory testing based on standard torquing procedure on a pipe flange with 14, 1 1/8" bolts.

Dimensions shown in inches.



Performance	For Use with Torque Wrenches		Pressure Rating (psi)	Model Number ¹⁾	Motor Electrical Specification	Usable Oil Capacity (gal)	Weight (no oil) (lbs)
Optimal	S1500X	W2000X	10,000	TQ-700B	115V-1 ph, 50 / 60 Hz	1	68
	S3000X	W4000X			230V-1 ph, 50 Hz		66
	S6000X	W8000X		TQ-700E ²⁾	230V-1 ph, 60 Hz		66
Acceptable	S11000X	W15000X		TQ-700I ³⁾	230V-1 ph, 60 Hz	1	66
	S25000X	W22000X			230V-1 ph, 60 Hz		66
		W35000X					66

- 1) All models meet CE safety requirements and all TÜV requirements
2) European plug and CE EMC directive compliant
3) With NEMA 6-15 plug

TQ Series



Reservoir Capacity:

1 gallon

Maximum Operating Pressure:

10,000 psi



FS-Series Spreaders

FS-Series Flange Spreaders provide quick and easy joint separation using hydraulic or mechanical force.



Nut Splitters / Nut Cutters

Remove rusted or corroded nuts easily with Enerpac Nut Cutters. Hexagon nut capacities up to 5.38 inches AF.



IP55 Rating for Superior Dust and Water Protection

The IP Code (or Ingress Protection Rating) classifies and rates the degrees of protection provided against the intrusion of solid objects and water in mechanical casings and electrical enclosures.

An IP55 rating means the TQ-700 offers complete protection against contact with mechanical and electrical components, and that dust will not enter in a sufficient quantity to interfere with the operation of the equipment.

The IP55 rating also means water jets sprayed against the TQ-700 from any direction will not have any harmful effects.