

Portable Electric Torque Wrench Pumps

▼ Shown: **PMU-10422**



- Powerful two-speed pump is lightweight and easy to carry
- Standard heat exchanger package keeps pump cool under extreme use
- Glycerin filled gauge with scales reading in psi and bar
- Transparent overlays in Nm and Ft.lbs for all Enerpac torque wrenches provide a quick torque reference
- Universal motor for a high power-to-weight ratio; generates full pressure on as little as 50% of the rated line voltage
- Adjustable pressure relief valve for accurate torque adjustments and precise repeatability.

PMU Series



Reservoir Capacity:
1,9 - 3,8 litres

Flow at Rated Pressure:
0,33 l/min

Motor Size:
0,37 kW

Maximum Operating Pressure:
700 - 800 bar



Torque Wrench Hoses

Use Enerpac twin safety hoses to connect your torque wrench to the pump.

For 700 bar	Model-Nr.
6 m long, 2 hoses	THQ-706T
12 m long, 2 hoses	THQ-712T
For 800 bar	
6 m long, 2 hoses	THC-7062
12 m long, 2 hoses	THC-7122



Gauge Overlay Kit

Available separately for use with PMU-Series pumps:
GT-4015-Q includes overlays for all S- and

W-Series torque wrenches.

GT-4015 includes overlays for all SQD and HXD torque wrenches.

▼ SELECTION CHART

For Use With Torque Wrenches		Maximum Pressure Rating (bar)		Oil Flow Rate (l/min)		Model Number	Useable Oil Capacity (litres)	Electric Motor (Volt-phase-Hz)	Dimensions L x W x H (mm)	Weight (kg)
		1 st stage	2 nd stage	1 st stage	2 nd stage					
S1500 S3000	W2000 W4000	48	700	3,3	0,33	PMU-10427-Q	1,9	115 - 1 - 50/60	431x280x381	24
		48	700	3,3	0,33	PMU-10447-Q	3,8	115 - 1 - 50/60	431x330x381	27
		48	700	3,3	0,33	PMU-10422-Q	1,9	230 - 1 - 50/60	431x280x381	24
		48	700	3,3	0,33	PMU-10442-Q	3,8	230 - 1 - 50/60	431x330x381	27
SQD-25-I SQD-50-I	HXD-30 HXD-60	48	800	3,3	0,33	PMU-10427	1,9	115 - 1 - 50/60	431x280x381	24
		48	800	3,3	0,33	PMU-10447	3,8	115 - 1 - 50/60	431x330x381	27
		48	800	3,3	0,33	PMU-10422	1,9	230 - 1 - 50/60	431x280x381	24
		48	800	3,3	0,33	PMU-10442	3,8	230 - 1 - 50/60	431x330x381	27



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ZU4T, Electric Torque Wrench Pumps

▼ ZU4204TE-Q, ZU4204BE-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 1,25 kW 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

Pro Series pump only

- LCD readout provides pressure display and a number of diagnostic and readout capabilities never before offered on a portable electric pump
- AutoCycle 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).



◀ Any brand of hydraulic torque wrench can be powered by the portable ZU4-Series torque wrench pump.

Z

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FIRMWARE 7.0, for Pro-Series

- Display torque in Nm or Ft.lbs
- Display pressure in bar, MPa or psi
- Torque wrench model is selectable
- “Auto cycle” setting easily programmable.



Classic Electrical

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



Pro-Series

Back-lit LCD and Pressure Transducer featuring Auto-Cycle Technology.

- Digital read-out and “Autocycle” setting
- 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
- Easy-viewing variable rate display
- Display pressure in bar, MPa or psi.



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ZU4T-Series, Torque Wrench Pumps



Z-Class – A Pump For Every Application

Patented **Z-Class** pump technology provides high by-pass pressures for increased productivity – important in applications using long hose runs and high pressure-drop circuits, like heavy lifting or certain double-acting tools.

Enerpac ZU4T-Series pumps are built to power small to large torque wrenches. Choosing the right ZU4T-Series torque wrench pump for your application is easy.

Classic Electric Torque Wrench Pump

- The Classic has traditional electro-mechanical components (transformers, relays and switches) in place of solid-state electronics. The Classic delivers durable, safe and efficient hydraulic power.

Pro Series Electric Torque Wrench Pump

- Digital (LCD) display features a built-in hour meter, pressure display and shows self-diagnostic, cycle-count and low voltage warning information. These premium features are not available on any other pump – anywhere!
- 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).

ZU4T Series



Reservoir Capacity:

4,0 and 6,6 litres

Flow at Rated Pressure:

1,0 l/min

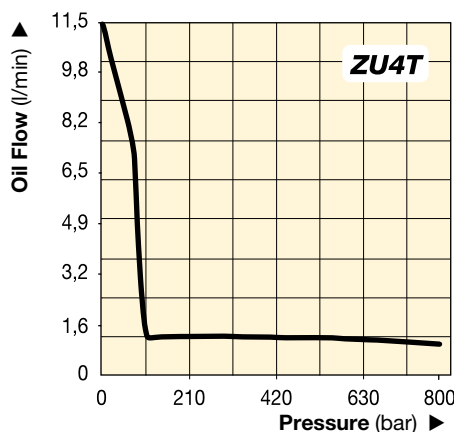
Motor Size:

1,25 kW

Maximum Operating Pressure:

700 and 800 bar

OIL FLOW VS. PRESSURE



Torque Wrench Pump Selection Matrix

For optimum speed and performance see the torque wrench pump and hose selection matrix.



Pump Ratings

-Q suffix pumps are for 700 bar torque wrenches, and include spin-on couplers.

-E suffix pumps are for use with Enerpac SQD and HXD 800 bar torque wrenches, and include polarized lock-ring safety couplers.

COMMON PUMP MODELS

	For Use With Torque Wrenches	Model Number ^{1) 4)}	Motor Electrical Specification	Usable Oil Capacity (litres)	(kg)
Pro Series	All wrenches	ZU4204TB-Q	115 VAC, 1-ph	4,0	32
		ZU4208TB-Q	115 VAC, 1-ph	6,6	34
		ZU4204TE-Q ²⁾	208-240 VAC, 1-ph	4,0	32
		ZU4208TE-Q ²⁾	208-240 VAC, 1-ph	6,6	34
		ZU4204TI-Q ³⁾	208-240 VAC, 1-ph	4,0	32
		ZU4208TI-Q ³⁾	208-240 VAC, 1-ph	6,6	34
Classic	All wrenches	ZU4204BB-QH	115 VAC, 1-ph	4,0	37
		ZU4204BB-Q	115 VAC, 1-ph	4,0	33
		ZU4208BE-QH ²⁾	208-240 VAC, 1-ph	6,6	38
		ZU4204BE-Q ²⁾	208-240 VAC, 1-ph	4,0	34
		ZU4208BI-QH ³⁾	208-240 VAC, 1-ph	6,6	40
		ZU4208BI-Q ³⁾	208-240 VAC, 1-ph	6,6	36



Gauge Overlay Kit

Available separately for use with ZU4T-Series Classic: **GT-4015-Q** includes overlays for all S- and

W-Series torque wrenches.

GT-4015 includes overlays for all SQD and HXD torque wrenches.

¹⁾ All models meet CE safety requirements and all CSA requirements.

²⁾ European plug and CE EMC directive compliant

³⁾ With NEMA 6-15 plug

⁴⁾ Select -E suffixed pumps for Enerpac SQD and HXD 800 bar torque wrenches, see page 206.



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ZU4T-Series, Pump Options



4-Wrench Manifold

- For simultaneous operation of multiple torque wrenches
- Can be factory installed or ordered separately.

Accessory Kit * Model Nr.	Can be used on ZU4-Series torque wrench pumps
ZTM-E	for 800 bar torque wrenches
ZTM-Q	for 700 bar torque wrenches

* Add suffix **M** for factory installation.

Ordering Example: ZU4208TE-QM



Skid Bar

- Provides greater pump stability on soft or uneven surfaces
- Provides easy two-handed lift.

Accessory Kit * Model Nr.	Can be used on ZU4-Series torque wrench pumps
SBZ-4	4 and 6,6 litres reservoir ¹⁾
SBZ-4L	4 and 6,6 litres reservoir ²⁾

* Add suffix **K** to pump model number for factory installation.

¹⁾ Without heat exchanger 2,2 kg.

²⁾ With heat exchanger 3,2 kg.

Ordering Example: ZU4208TE-QK



Heat Exchanger

- Removes heat from the bypass oil to provide cooler operation
- Stabilizes oil viscosity, increasing oil life and reduces wear of pump and other hydraulic components.

Accessory Kit * Model Nr.	Can be used on ZU4-Series torque wrench pumps
ZHE-U4	4 and 6,6 litres reservoir

* Add suffix **H** to pump model number for factory installation.

Heat Exchanger adds 4,1 kg to pump weight.

Ordering Example: ZU4208TE-QH

▼ Most hydraulic torque wrenches can be powered by the Enerpac ZU4-Series torque wrench pump.



Roll Cage

- Protects pump
- Provides greater pump stability.

Accessory Kit * Model Nr.	Can be used on ZU4-Series torque wrench pumps
ZRC-04	4 and 6,6 litres reservoir ¹⁾
ZRC-04H	4 and 6,6 litres reservoir ²⁾

* Add suffix **R** for factory installation.

¹⁾ Without heat exchanger.

²⁾ With heat exchanger.

Ordering Example: ZU4208BE-QR

Thermal Transfer *	Max. Pressure	Max. Oil Flow	Voltage
(Btu/h)	(bar)	(l/min)	(VDC)
900	20,7	26,5	12

* At 1,9 l/min at 21 °C ambient temperature.
Do not exceed maximum oil flow and pressure ratings.
Heat exchanger is not suitable for water-glycol or high water-based fluids.

ZU4T-Series, Ordering Matrix and Specifications

▼ This is how a ZU4T-Series pump model number is built up:

Z	U	4	2	08	T	E	-	Q	H	M
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	Options

1 Product Type

Z = Pump series

2 Motor Type

U = Universal electric motor

3 Flow Group

4 = 1,0 l/min @ 700 bar

4 Valve Type

2 = Torque wrench valve

5 Reservoir Size (useable oil)

04 = 4,0 litres

08 = 6,6 litres

6 Valve Operation

T = Pro Serie pump with solenoid valve and pendant, LCD Electric and pressure transducer

B = Classic pump with solenoid valve and pendant.

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 Options

E = 800 bar coupler for use with HXD and SQD-Series or other wrenches

Q = 700 bar coupler for use with S and W-Series or other wrenches

H = Heat exchanger

K = Skid bar

M = 4-wrench manifold

R = Roll cage

ZU4T Series



Reservoir Capacity:

4,0 and 6,6 litres

Flow at Rated Pressure:

1,0 l/min

Motor Size:

1,25 kW

Maximum Operating Pressure:

700 and 800 bar



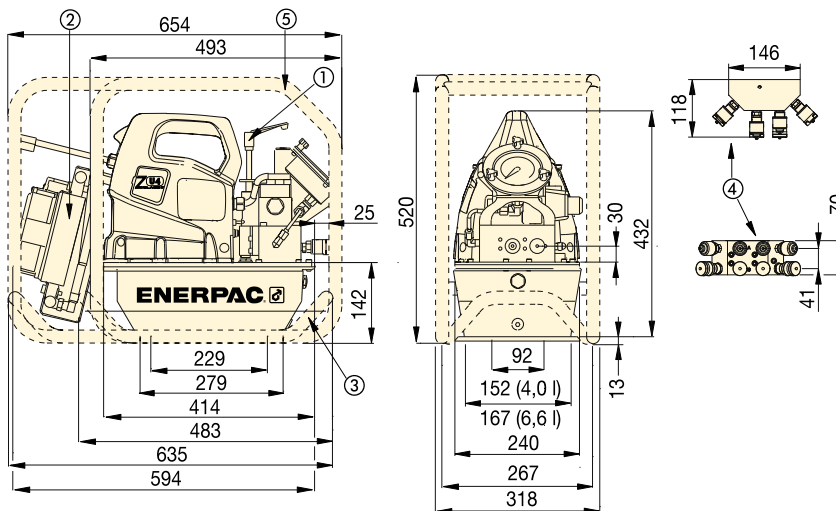
How to order your ZU4T-Series torque wrench pump

Ordering Example

Model No. ZU4208TE-QMHK

700 bar Pro Serie pump for use with Enerpac S and W-Series and other 700 bar torque wrenches, 230V motor, 6,6 litres reservoir, 4-wrench manifold, heat exchanger and skidbar.

Refer to the torque wrench pump selection matrix for optimum wrench, pump and hose combinations.



ZU4T-Series Torque Wrench Pumps

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

ZU4T-Series Performance Chart								
Motor Size (kW)	Output Flow Rate (l/min)				Motor Electrical Specification (Volt - Phase - Hz)	Sound Level (dBA)	Relief Valve Adjustment Range (bar)	
	7 bar	50 bar	350 bar	700 bar				
1,25	11,5	8,8	1,2	1,0	115 - 1 - 50/60 208-240 - 1 - 50/60	85-90	124-700 *	

* Pump type (-Q) shown, (-E) range is 124-800 bar.



Torque Wrench Hoses

Use Enerpac twin safety hoses to connect your torque wrench to the pump.

For 700 bar	Model-Nr.
6 m long, 2 hoses	THQ-706T
12 m long, 2 hoses	THQ-712T
For 800 bar	
6 m long, 2 hoses	THC-7062
12 m long, 2 hoses	THC-7122



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ZE-Series, Electric Torque Wrench Pumps

▼ ZE4204TE-QHR



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- 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)
- LCD readout provides pressure and torque display and a number of diagnostic and readout capabilities never before offered on a portable electric pump
- Totally enclosed, fan-cooled industrial electric motors supply extended life and stand up to harsh industrial environments
- High-strength, molded electrical enclosure protects electronics, power supplies and LCD readout from harsh environments.



ZE4T and ZE5T-Series Torque Wrench Pumps

Back-lit LCD and Pressure Transducer featuring Auto-Cycle Technology.

- Digital read-out and “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
- Easy-viewing variable rate display
- Display pressure in bar, MPa or psi.



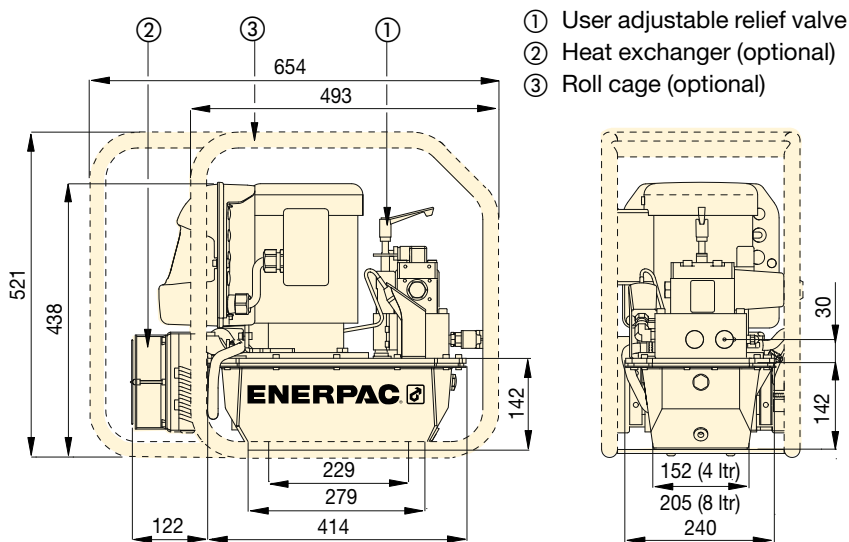
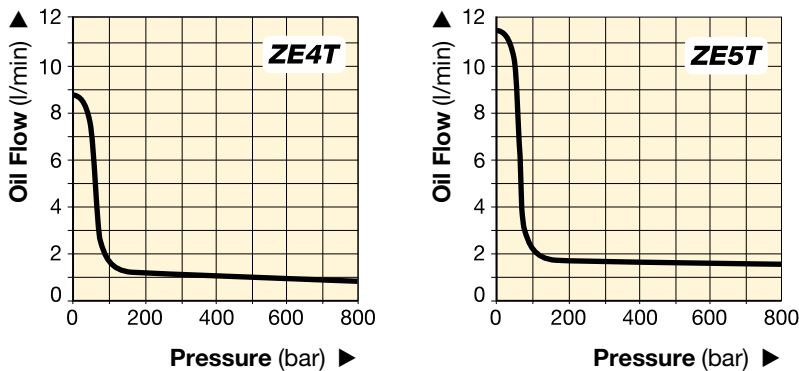
◀ The ZE4T-Series torque wrench pumps are perfectly matched for this W2000 wrench.



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ZE-Series, Electric Torque Wrench Pumps

ZE4T AND ZE5T-SERIES OIL FLOW VERSUS PRESSURE



ZE4T and ZE5T-Series, 4,0 and 6,6 litres reservoirs

▼ COMMON TORQUE WRENCH PUMP MODELS

For Use With Torque Wrenches	Max. Operating Pressure (bar)	Model Number with Heat Exchanger and Roll Cage	Motor Electrical Specification (Volt - Ph - Hz)	Usable Oil Capacity ¹⁾ (litres)	Weight (kg)
all S and W-Series	700	ZE4204TB-QHR	115 - 1 - 50/60	4,0	61
	700	ZE4204TE-QHR	230 - 1 - 50/60	4,0	61
	700	ZE4204TG-QHR	230 - 3 - 50/60	4,0	62
	700	ZE5204TW-QHR	400 - 3 - 50/60	4,0	62
all SQD and HXD-Series	800	ZE4204TB-EHR	115 - 1 - 50/60	4,0	61
	800	ZE4204TE-EHR	230 - 1 - 50/60	4,0	61
	800	ZE4204TG-EHR	230 - 3 - 50/60	4,0	62
	800	ZE5204TW-EHR	400 - 3 - 50/60	4,0	62

¹⁾ Larger reservoirs (6,6, 10, 20 and 40 litres) are available. Contact Enerpac.

▼ PERFORMANCE CHART

Pump Series	Output Flow Rate at 50 Hz ²⁾ (l/min)				Motor Size (kW)	Relief Valve Adjustment Range (bar)	Sound Level (dBA)
	7 bar	50 bar	350 bar	700 bar			
ZE4T	8,8	8,1	0,9	0,8	1,1	70 - 800	75
ZE5T	11,8	11,2	1,7	1,6	2,2	70 - 800	75

²⁾ Flow rate will be approximately 6/5 higher at 60 Hz.

ZE4T ZE5T Series



Reservoir Capacity:

4,0 and 6,6 litres

Flow at Rated Pressure:

0,82 - 1,64 l/min

Motor Size:

1,1 - 2,2 kW

Maximum Operating Pressure:

700 and 800 bar



Torque Wrench Pump Selection Matrix

For optimum speed and performance see the torque wrench pump and hose selection matrix.



Torque Wrench Hoses

Use Enerpac twin safety hoses to connect your torque wrench to the pump.

For 700 bar	Model Nr.
6 m long, 2 hoses	THQ-706T
12 m long, 2 hoses	THQ-712T
For 800 bar	
6 m long, 2 hoses	THC-7062
12 m long, 2 hoses	THC-7122



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Compact Pneumatic Torque Wrench Pump

▼ PTA-1404



- Compact and portable
- Handle located directly over pump's center of gravity for greater ease in carrying
- High bypass (125 bar) for faster torque cycles
- High power-to-weight ratio suits all Enerpac torque wrenches
- Glycerine filled pressure gauge with scales reading in bar/psi
- Transparent overlays in Nm and Ft.lbs for all Enerpac torque wrenches provide a quick torque reference
- Internal safety relief valve, factory preset.



Two-Stage Power in a Portable Design



Torque Wrench Hoses

Use Enerpac twin safety hoses to connect your torque wrench to the pump.

For 700 bar	Model Nr.
6 m long, 2 hoses	THQ-706T
12 m long, 2 hoses	THQ-712T
For 800 bar	
6 m long, 2 hoses	THC-7062
12 m long, 2 hoses	THC-7122



Gauge Overlay Kit

Available separately for use with PTA-Series pumps: **GT-4015-Q** includes overlays for all S and

W-Series torque wrenches.

GT-4015 includes overlays for all SQD and HXD torque wrenches.

◀ Easy and reliable service and maintenance in the workshop with Enerpac steel wrenches powered by a pneumatic torque wrench pump.



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Compact Pneumatic Torque Wrench Pump

PTA Series



Reservoir Capacity:

3,8 litres

Flow at Rated Pressure:

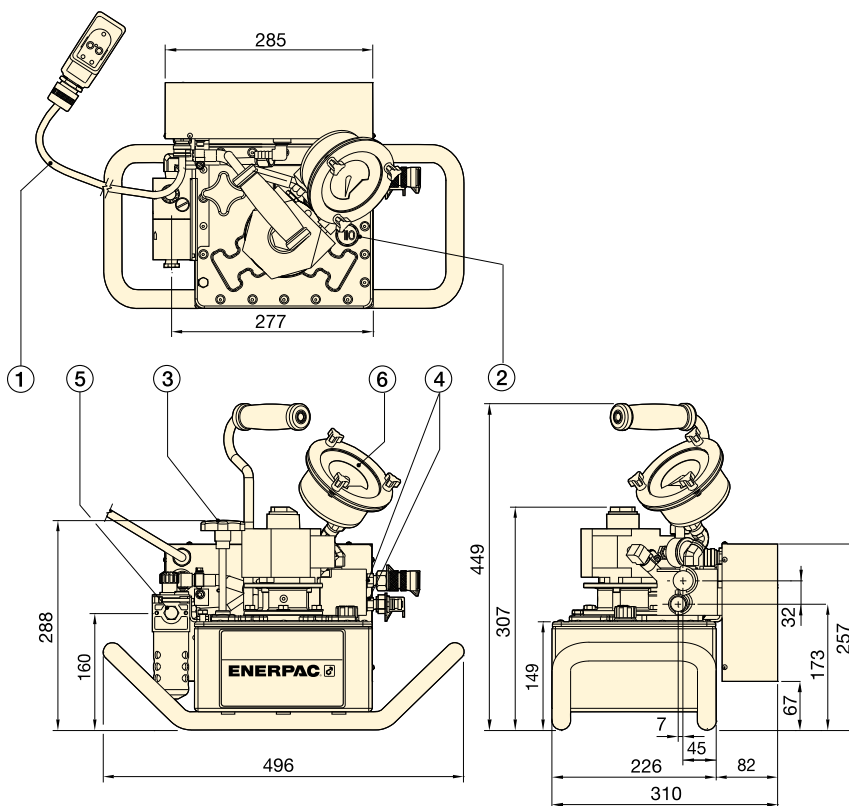
0,33 l/min

Air Consumption:

1133 l/min

Maximum Operating Pressure:

700 - 800 bar



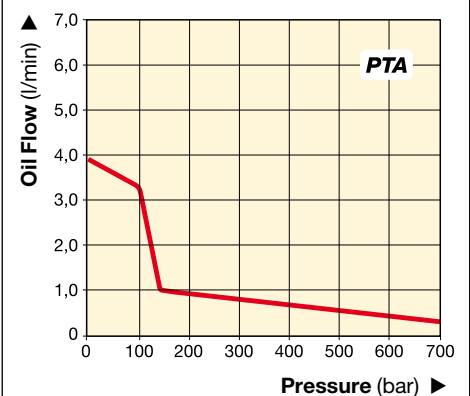
- ① 5 mtr Air control pendant
- ② Vent/Fill plug
- ③ Externally adjustable relief valve
- ④ 1/4"-18 NPTF Hydraulic ports
- ⑤ 3/8"-18 NPTF Air inlet
- ⑥ Gauge with overlay kit



Torque Wrench Pump Selection Matrix

For optimum speed and performance see the torque wrench pump and hose selection matrix.

OIL FLOW VERSUS PRESSURE



▼ PERFORMANCE CHART

For Use With Torque Wrenches		Pressure Rating (bar)		Model Number	Oil Flow Rate (l/min)		Reservoir Capacity (litres)	Useable Oil (litres)	Air Consumption at 7 bar (l/min)	Air Pressure Range (bar)	Weight (kg)
		1st stage	2nd stage		1st stage	2nd stage					
S1500 S3000	W2000 W4000	125	700	PTA-1404-Q	3,9	0,33	3,8	1,9	1133	3,4 - 7,0	24,5
SQD-25-I SQD-50-I	HXD-30 HXD-60	125	800	PTA-1404	3,9	0,33	3,8	1,9	1133	3,4 - 7,0	24,5



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ZA4T, Air Driven Torque Wrench Pumps

▼ ZA4204TX-ER



- Two-speed operation and high by-pass pressure reduces cycle time for improved productivity
- Glycerin filled pressure gauge with transparent overlays in Nm and Ft.lbs for Enerpac torque wrenches provide a quick torque reference
- Regulator-Filter-Lubricator with removable bowls and auto drain is standard
- Heat exchanger warms exhaust air to prevent freezing and cools the oil
- Ergonomic pendant allows remote operation up to 6 m.



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Torque Wrench Hoses

Use Enerpac twin safety hoses to connect your torque wrench to the pump.

For 700 bar	Model Nr.
6 m long, 2 hoses	THQ-706T
12 m long, 2 hoses	THQ-712T
For 800 bar	
6 m long, 2 hoses	THC-7062
12 m long, 2 hoses	THC-7122



Gauge Overlay Kit

Available separately for use with ZA4T-Series pumps: **GT-4015-Q** includes overlays for all S- and W-Series torque wrenches.

GT-4015 includes overlays for all SQD and HXD torque wrenches.

◀ Most hydraulic torque wrenches can be powered by the Enerpac ZA4T-Series torque wrench pump.



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Air Driven Torque Wrench Pumps



ZA4T-Series Pump Applications

The ZA4T-Series pump is best suited to power medium to large size torque wrenches.

Patent-pending **Z-Class** technology provides high by-pass pressures for increased productivity.

Its high power to weight ratio and compact design make it ideal for applications which require easy transport of the pump.

All ZA4T-Series pump models meet CE, CSA and TÜV safety requirements.

For further application assistance contact your local Enerpac office.

ATEX 95 Certified

The ZA4T-Series pumps are tested and certified according to the **Equipment Directive 94 / 9 / EC "ATEX Directive"**.

The explosion protection is for equipment group II, equipment category 2 (hazardous area zone 1), in gas and/or dust atmospheres.

The ZA4T-Series pumps are marked with: Ex II 2 GD ck T4.



ZA4T Series



Reservoir Capacity:

4,0 and 6,6 litres

Flow at Rated Pressure:

1,0 l/min

Air Consumption:

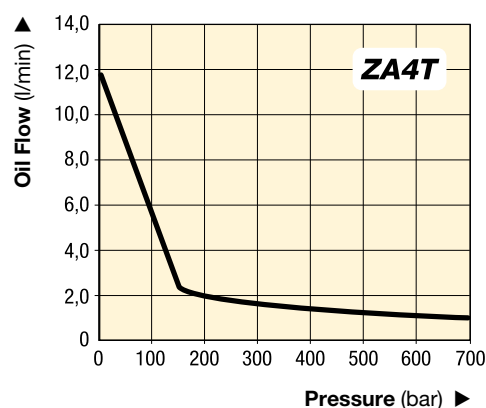
600 - 2840 l/min

Maximum Operating Pressure:

700 and 800 bar

OIL FLOW VERSUS PRESSURE

6,9 bar dynamic air pressure at 2840 l/min



Torque Wrench Pump Selection Matrix

For optimum speed and performance see the torque wrench pump and hose selection matrix.



Accessory Options

Available by placing the following additional suffix at the end of the model number:

- K** = Skid bar
- M** = 4-wrench manifold
- R** = Roll cage.

▼ COMMON PUMP MODELS

For Use With Torque Wrenches		Maximum Operating Pressure (bar)	Model Number	Usable Oil Capacity (litres)	(kg)
S1500 S3000 S6000 S11000 S25000	W2000 W4000 W8000 W15000	700	ZA4204TX-Q	4,0	42
		700	ZA4208TX-Q	6,6	47
		700	ZA4204TX-QR	4,0	46
		700	ZA4208TX-QR	6,6	51
SQD-75-I SQD-100-I SQD-160-I SQD-270-I	HXD-120 HXD-240	800	ZA4204TX-E	4,0	42
		800	ZA4208TX-E	6,6	47
		800	ZA4204TX-ER	4,0	46
		800	ZA4208TX-ER	6,6	51



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ZA4T-Series, Pump Options



Skid Bar

- Provides greater pump stability on soft or uneven surfaces
- Provides easy two-handed lift.



4-Wrench Manifold

- For simultaneous operation of multiple torque wrenches
- Can be factory installed or ordered separately.



Roll Cage

- Protects pump
- Provides greater pump stability

Accessory Kit * Model Nr.	Can be used on ZA4T-Series torque wrench pumps
SBZ-4	4,0 and 6,6 litres reservoir

* Add suffix **K** for factory installation.
Weight skid bar 2,2 kg.
Ordering Example: ZA4208TX-QK

Accessory Kit * Model Nr.	Can be used on ZA4T-Series torque wrench pumps
ZTM-E	for 800 bar torque wrenches
ZTM-Q	for 700 bar torque wrenches

* Add suffix **M** for factory installation.
Weight manifold 4,5 kg.
Ordering Example: ZA4208TX-QM

Accessory Kit * Model Nr.	Can be used on ZA4T-Series torque wrench pumps
ZRC-04	4,0 and 6,6 litres reservoir

* Add suffix **R** for factory installation.
Roll cage weight 3,4 kg.
Ordering Example: ZA4208TX-QR



700 bar Spin-on Couplers

- Mounted on:
 - Torque wrench pumps with suffix “Q”
 - S and W-Series wrenches
 - THQ-Series hoses
 - 4-Wrench manifold ZTM-Q.



800 bar Lock-ring Couplers

- Mounted on:
 - Torque wrench pumps with suffix “E”
 - HXD and SQD-Series wrenches
 - THC-Series hoses
 - 4-Wrench manifold ZTM-E.



Torque Wrench Hoses

Use Enerpac twin safety hoses to connect your torque wrench to the pump.

For 700 bar	Model Nr.
6 m long, 2 hoses	THQ-706T
12 m long, 2 hoses	THQ-712T
For 800 bar	
6 m long, 2 hoses	THC-7062
12 m long, 2 hoses	THC-7122



Torque Wrench Couplers

For Enerpac torque wrench couplers see our “System Components” section in this catalogue.



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ZA4T-Series, Ordering Matrix and Specifications

▼ This is how a ZA4T-Series pump model number is built up:

Z	A	4	2	08	T	X	-	Q*	M	R
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

A = Air motor

3 Flow Group

4 = 1,0 l/min @ 700 bar

4 Valve Type

2 = Torque Wrench Valve

5 Reservoir Size

(useable capacity)

04 = 4,0 litres

08 = 6,6 litres

6 Valve Operation

T = Air operated valve with pendant

7 Voltage

X = Not applicable

8 Options

E = **800 bar couplers** for use with HXD and SQD-Series or other wrenches

Q = **700 bar couplers** for use with S and W-Series or other wrenches

K = Skid bar

M = 4-wrench manifold

R = Roll cage

ZA4T Series



Reservoir Capacity:

4,0 and 6,6 litres

Flow at Rated Pressure:

1,0 l/min

Air Consumption:

600 - 2840 l/min

Maximum Operating Pressure:

700 and 800 bar

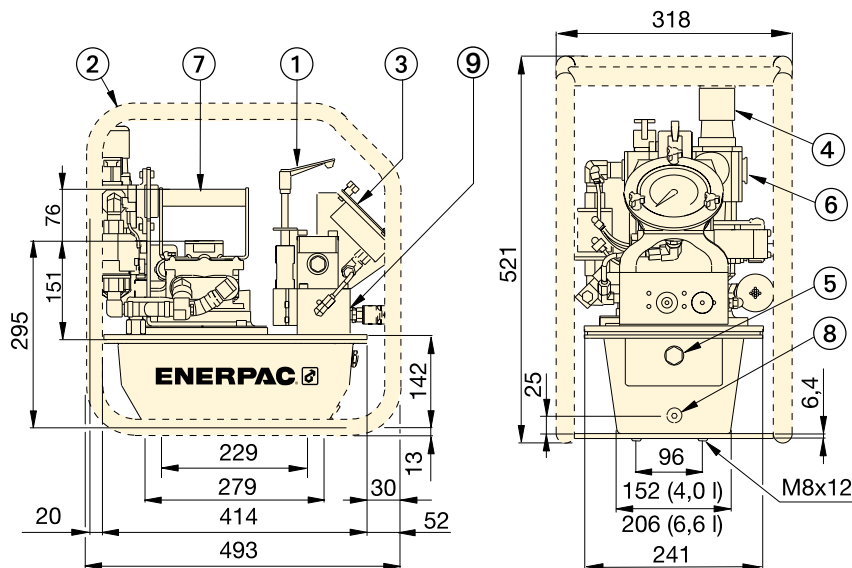


How to order your ZA4T-Series torque wrench pump

Model No. ZA4208TX-QMR

700 bar pump for use with Enerpac S- and W-Series and other 700 bar torque wrenches, 6,6 litres reservoir, 4-wrench manifold, and roll cage.

Refer to the torque wrench pump selection matrix for optimum wrench, pump and hose combinations.



- ① User adjustable relief valve
- ② Roll Cage (optional)
- ③ Gauge with overlays
- ④ Filter/lubricator/regulator
- ⑤ Oil level sight gauge
- ⑥ Air input 1/2" NPTF
- ⑦ Standard handle
- ⑧ Oil drain
- ⑨ 1/4"-18 NPTF Oil outlet

ZA4T-Series Performance							
Output Flow Rate (l/min)				Dynamic Air Pressure Range	Air Consumption	Sound Level	Relief Valve Adjustment Range
7 bar	50 bar	350 bar	700 bar	(bar)	(l/min)	(dBA)	(bar)
11,5	8,8	1,2	1,0	4,0 - 6,9	600 - 2840	85-90	124-700 *

* Pump type (-Q) shown, (-E) range is 124-800 bar.



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