



High pressure pumps  
designed specifically  
for bolting applications

▼ Shown: ZU4204TB-EHK



**Z** Tough.  
Dependable.  
Innovative.  
**CLASSIC**

- 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 electronics, while providing an ergonomic, non-conductive handle for easy transport
- Low-voltage pendant provides additional safety for the operator
- **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).
- **Valve technology** reduces oil operating temperatures and withstands contaminants to increase pump reliability



#### New FIRMWARE 7.0

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



#### Back-lit LCD

- 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

#### ▼ COMMON PUMP MODELS

For technical information and other options see next page.

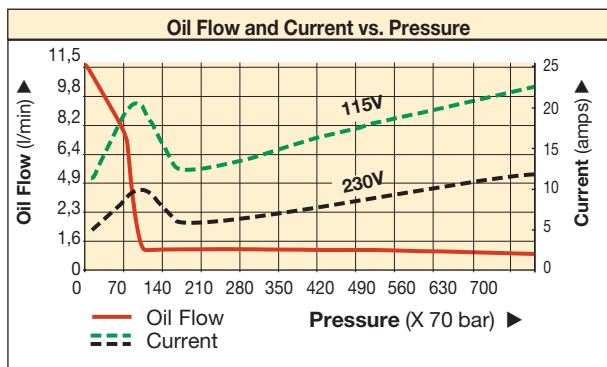
#### Solenoid Valve

- Ideal for bolting applications that require remote pump and valve operation
- Motor on/off and valve control in pendant. Pressing up arrow advances wrench, releasing up arrow retracts wrench. (Auto cycle off)
- Low-voltage control pendant with 6 meter cord provides remote motor and valve operation



◀ The ZU4 torque wrench pumps are perfectly matched for this HXD-30 wrench.

# ZU4 Electric Torque Wrench Pumps



## ZU4 Series



Reservoir Capacity:  
**4-7 litres**

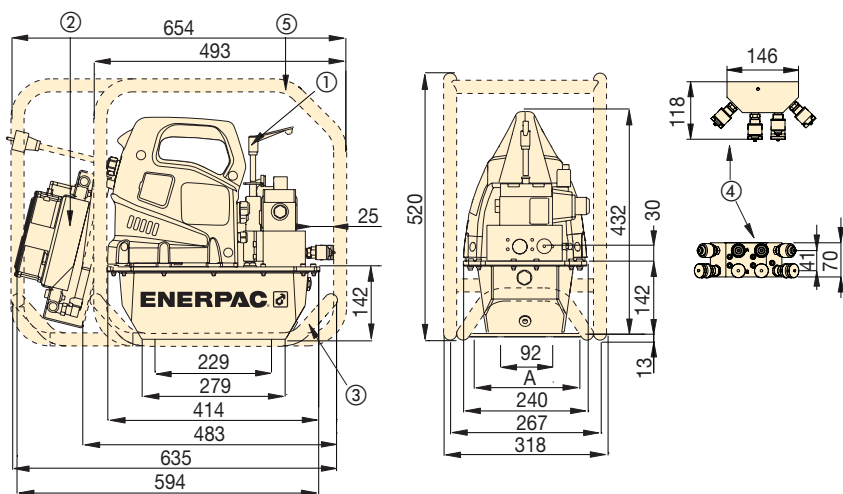
Flow at Rated Pressure:  
**1,0 litre/min.**

Motor Size:  
**1,25 kW**

Maximum Operating Pressure:  
**700 and 800 bar**

ZU4 Performance							
Motor Size (kW)	Output Flow Rate (l/min)				Motor Electrical Specification	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	115-1-50/60 230-1-50/60	85-90	70-700*

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



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)

Reservoir Size (useable liters)	A (mm)
1	152
1.75	203



### 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 locking safety couplers.



### Accessory Options

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

- H** = Heat Exchanger
- K** = Skid Bar
- M** = 4-wrench manifold (shown)

Pump Type	Used with Wrench Type	Valve Function	Valve Type	Pump Control	Usable Oil Capacity (liters)	Model Number <sup>1)</sup> LCD Electric	Motor Voltage	Weight with oil <sup>4)</sup> (kg)
	Double acting	Adv/Retract	TW	Remote	4	ZU4204TB-Q	115 vac, 1-ph	31,7
	Double acting	Adv/Retract	TW	Remote	7	ZU4208TB-Q	115 vac, 1-ph	36,3
	Double acting	Adv/Retract	TW	Remote	4	ZU4204TE-Q <sup>2)</sup>	208-240 vac, 1-ph	31,7
	Double acting	Adv/Retract	TW	Remote	7	ZU4208TE-Q <sup>2)</sup>	208-240 vac, 1-ph	36,3
	Double acting	Adv/Retract	TW	Remote	4	ZU4204TI-Q <sup>3)</sup>	208-240 vac, 1-ph	32,2
	Double acting	Adv/Retract	TW	Remote	7	ZU4208TI-Q <sup>3)</sup>	208-240 vac, 1-ph	36,7

<sup>1)</sup> All models meet CE safety requirements and all CSA requirements. <sup>2)</sup> European Plug and CE EMC Directive Compliant.

<sup>3)</sup> w/NEMA 5-15 plug. <sup>4)</sup> Subtract 3,5 kg per gallon for competitive weight comparison.

# ZU4 Electric Torque Wrench Pumps



**ENERPAC**

## The Industrial Tools Line

### Cylinders

- General Purpose
- Pancake
- Aluminum Lightweight
- Low Height
- Heavy Duty
- Hollow Plunger
- Industrial
- Pull
- Long Stroke
- Jacks
- Spread

### Pumps

- Manual
- Electric Driven
- Compressed Air Driven
- Petrol Driven

### System Components

- Hoses, Couplers, Oil
- Gauges, Adaptors
- Manifolds, Fittings

### Valves

- 3-and 4-Way Directional
- Pressure and Flow Control

### Presses

- Bench and Workshop
- Roll Frame Presses
- Arbor and C-Clamps

### Pullers

- Master Pullers Sets
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- Posi Lock® Pullers

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- Punches
- Machine Lifts
- Load Skates
- Cutters
- Pipe Benders

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- Nut Splitters
- Flange/Wedge Spreaders
- Flange Alignment Tools
- Torque Wrenches
- Hydraulic Wrench Pumps
- Twin Safety Hoses

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- Stage Lift Systems
- Synchronous Lifting Systems
- Synchronous Hoisting Systems

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