

▼ ZUTP-1500E



- Two-stage pump design provides high flow at low pressure for fast system fills and controlled flow at high pressure for safe and accurate operation
- Z-Class high-efficiency pump design runs cooler and requires less current draw which is especially helpful in remote locations
- 6 m pendant cord enables motor control from a distance
- Angled 153 mm pressure gauge, with polycarbonate cover, built into a protective metal shroud for improved visibility and protection
- Safety relief valve limits output pressure
- Compact, lightweight and rugged aluminium frame for increased durability and ease of handling.



◀ The ZUTP-1500 pump is rugged, lightweight, compact for tight openings, and delivers hassle-free operation of bolt tensioning in remote locations with up to two times the speed of competitive pumps.

## Reliability, Power and Precision



### Applications

The Enerpac ZUTP-Series electric pump is ideally suited for use with hydraulic bolt tensioning tools and hydraulic nuts.

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### Bolting Integrity Software

Visit [www.enerpac.com](http://www.enerpac.com) to access our free on-line bolting software application and obtain information on tool selection, bolt load calculations and tool pressure settings. A combined application data sheet and joint completion report is also available.

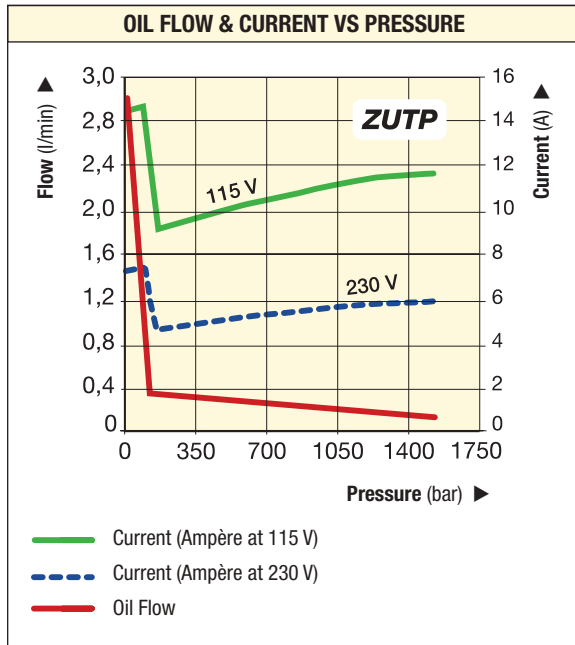


### Bolting Theory

See our 'Yellow Pages' for information on torque tightening and tensioning.

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# Electric Tensioning Pumps



## ZUTP Series



Reservoir Capacity:

**4,0 litres**

Flow at Rated Pressure:

**0,13 l/min**

Motor Size:

**1,25 kW**

Maximum Operating Pressure:

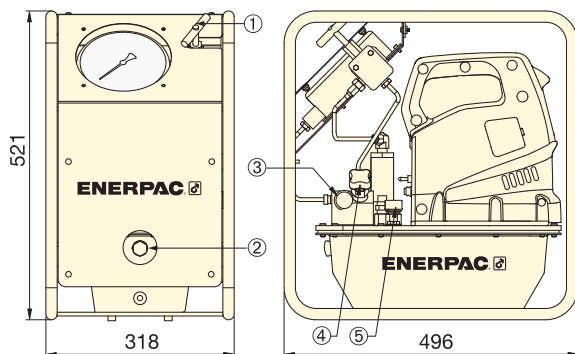
**1500 bar**



### Ultra-high pressure


This pump operates at ultra-high pressure, use only the specified fittings and hoses designed for these pressures.

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- ① Release Valve
- ② Sight Glass
- ③ Out Port 1/4" BSPM and BR-150 female coupler
- ④ User Adjustable Relief Valve
- ⑤ Breather

### 1500 bar HIGH PRESSURE PUMP

| Pump Type | Useable Oil Capacity<br>(litres) | Model Number <sup>1)</sup>       | Pressure Rating<br>(bar) | Output Flow Rate at 0 bar<br>(l/min) | Output Flow Rate at 1500 bar<br>(l/min) | Motor Electrical Specification | Motor Size<br>(kW) | Sound Level<br>(dBA) | <br>(kg) |
|-----------|----------------------------------|----------------------------------|--------------------------|--------------------------------------|---|--------------------------------|--------------------|----------------------|---|
| Two speed | 4,0                              | <b>ZUTP-1500 B</b>               | 1500                     | 2,90                                 | 0,13                                    | 115 VAC, 1-ph                  | 1,25               | 89                   | 29,5  |
|           | 4,0                              | <b>ZUTP-1500 E <sup>2)</sup></b> | 1500                     | 2,90                                 | 0,13                                    | 230 VAC, 1-ph <sup>2)</sup>    | 1,25               | 89                   | 29,5  |
|           | 4,0                              | <b>ZUTP-1500 I <sup>3)</sup></b> | 1500                     | 2,90                                 | 0,13                                    | 230 VAC, 1-ph <sup>3)</sup>    | 1,25               | 89                   | 29,5  |

<sup>1)</sup> All models meet CE safety requirements and all TÜV requirements.

<sup>2)</sup> European plug and CE EMC directive compliant.

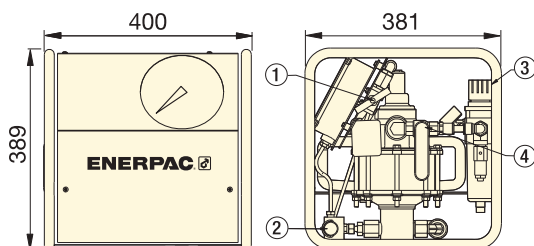
<sup>3)</sup> With NEMA 6-15 plug.

# Ultra-High Pressure Air Pump

▼ ATP-1500




- General purpose, high pressure air driven two speed pump unit for products requiring up to 1500 bar hydraulic pressure
- Compact, lightweight, rugged steel frame for protection and easy handling
- Prelubricated pump element, does not require an airline lubricator
- Easily adjustable output pressure control
- Integrated and protected easy to read glycerin filled gauge
- Safety relief valve limits output pressure.



- ① Shut-off Valve
  - ② Outlet Port 1/4" BSPM with BR-150 female coupler
  - ③ Filter/Regulator
  - ④ Air On/Off Valve
- Air Inlet 1/2" NPTF

## 1500 bar HIGH PRESSURE AIR PUMP

| Pump Type | Useable Oil Capacity<br>(litres) | Pressure Rating<br>(bar) | Model Number    | Output Flow Rate at 0 bar<br>(l/min) | Output Flow Rate at 1500 bar<br>(l/min) | Air Pressure Range<br>(bar) | Air Consumption<br>(l/min) | Sound Level<br>(dBA) | <br>(kg) |
|-----------|----------------------------------|--------------------------|-----------------|--------------------------------------|---|-----------------------------|----------------------------|----------------------|---|
| Two speed | 3,8                              | 1500                     | <b>ATP-1500</b> | 0,43                                 | 0,07                                    | 5,5 - 6,2                   | 594                        | 70                   | 32  |

## ATP Series

Reservoir Capacity:

**3,8 litres**

Flow at Rated Pressure:

**0,07 l/min**

Maximum Operating Pressure:

**1500 bar**



### Ultra-high pressure

This pump operates at ultra-high pressure, use only the specified fittings and hoses designed for these pressures.

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### Applications

The Enerpac ATP-Series air pump is ideally suited for use with hydraulic bolt tensioning tools and hydraulic nuts.

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### ATEX Certified

The ATP-Pump is tested and certified according ATEX.

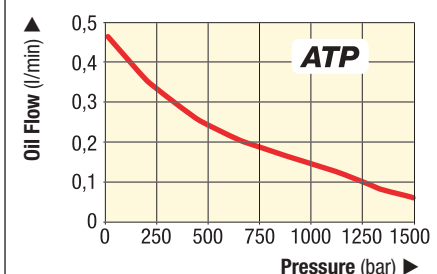


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## OIL FLOW VERSUS PRESSURE

Flow (l/min) at 6,2 bar air input



# High Pressure Hand Pump and Accessories

## ▼ HPT-1500



- Lightweight and portable high-pressure hand pump
- Two-speed operation displaces a larger volume of oil per stroke, reducing cycle times for many testing applications
- Includes a pressure gauge and coupler for direct connection to Enerpac GT-Series Bolt Tensioners
- Integrated relief valve set at 1500 bar.

## HPT, HT, B Series

Reservoir Capacity:

**2,5 litres**

Flow at Rated Pressure:

**0,61 cm<sup>3</sup>/stroke**

Maximum Operating Pressure:

**1500 bar**



### Ultra-high pressure

This pump operates at ultra-high pressure, use only the specified fittings and hoses designed for these pressures.

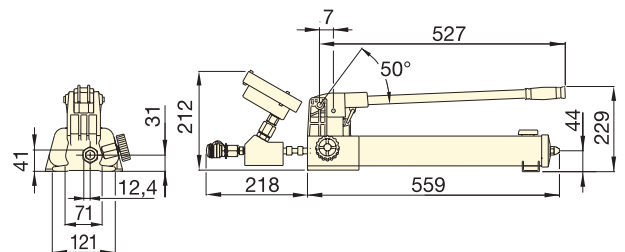
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### Applications

The hand pump is ideally suited for use with hydraulic bolt tensioning tools and hydraulic nuts.





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## 1500 bar ULTRA-HIGH PRESSURE PUMP

| Pump Type | Useable Oil Capacity<br>(litres) | Model Number    | Pressure Rating<br>(bar) |           | Oil Displacement per Stroke<br>(cm <sup>3</sup> ) |           | High Pressure Oil Port with female coupler | <br>(kg) |
|-----------|----------------------------------|-----------------|--------------------------|-----------|---|-----------|--|---|
|           |                                  |                 | 1st stage                | 2nd stage | 1st stage   | 2nd stage |  |   |
| Two Speed | 2,54                             | <b>HPT-1500</b> | 14                       | 1500      | 16,22   | 0,61      | 1/4" BSP + BR-150                          | 9,0   |

## 1500 bar HOSES

| Model Number      |   | Hose End 1             | Hose End 2             | Length<br>(m) |
|-------------------|---|------------------------|------------------------|---------------|
| <b>HT-1503</b>    |  | 1/4" BSPM<br>120° Cone | 1/4" BSPM<br>120° Cone | 1,0           |
| <b>HT-1510</b>    |  | 1/4" BSPM<br>120° Cone | 1/4" BSPM<br>120° Cone | 3,0           |
| <b>HT-1503HR*</b> |  | <b>BH-150</b>          | <b>BR-150</b>          | 1,0           |
| <b>HT-1510HR*</b> |  | <b>BH-150</b>          | <b>BR-150</b>          | 3,0           |

\* Includes dust caps.

## 1500 bar COUPLERS

| Description                                |   | Complete Set    | Female Half   | Male Half     |
|--|---|-----------------|---------------|---------------|
| Quick Disconnect Coupler *                 |  | <b>B-150</b>    | <b>BR-150</b> | <b>BH-150</b> |
| Quick Disconnect Coupler and Adaptor Kit * |  | <b>BW-150AW</b> | –             | –             |
| Quick Disconnect Blanking Coupler Set *    |  | <b>B-150B</b>   | –             | –             |

\* Includes dust caps.