# High Pressure Air & Electric Hydraulic Pumps

- Specialised Pumping Systems Engineered to Specification
- Fully Assembled and Tested for Immediate Operation
- Double-Acting Units for Lifting Systems
- High-Pressure Air and Electric Solutions

Technofast offers a range of **hydraulic pumps** to suit various tensioning and lifting jobs.

All **pumps** are supplied fully assembled and tested ready for operation.

Technofast offers a specialised design service for pumping systems where specific component materials or unique site requirements are required.

This ensures the supply of a pumping solution tailored to your exact application.

## Operation

These pumping units are designed to provide hydraulic power for tensioning and lifting applications.

Air-driven models utilise a high-quality pump mechanism to generate pressure, while the electric range provides control via a 240V single-phase motor.

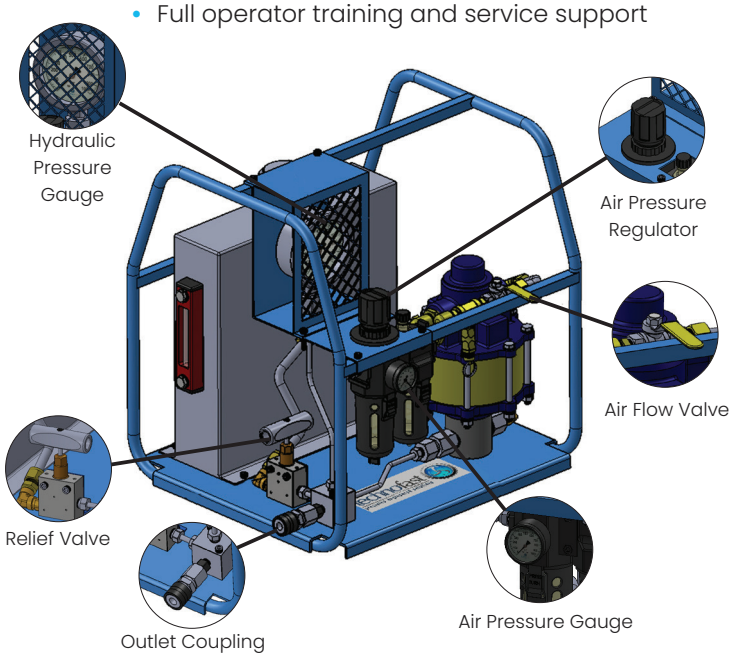
For operation in restricted spaces or to maintain a safe distance, certain models are equipped with a 5-metre remote pendant.

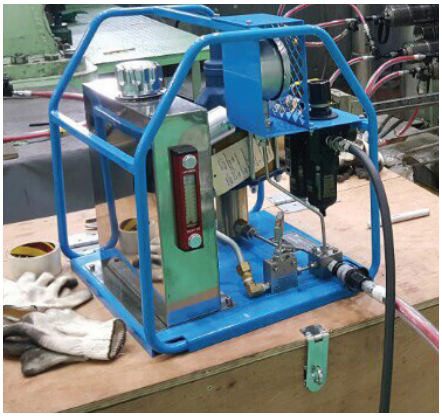
For lifting and clamping systems, double-acting models provide the necessary functionality to both extend and retract cylinders.

## Features

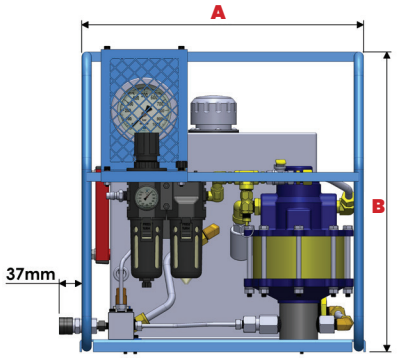
The **hydraulic pump** range has been designed with the operator in mind, offering various features and options for operation. Some features of the range are:

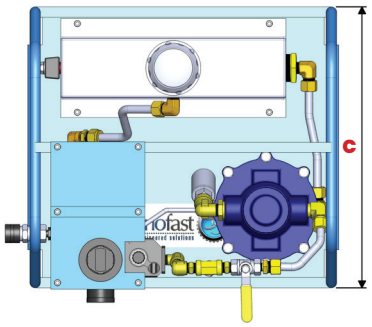
- Fully assembled and operation-tested
- Custom design for specific site needs
- Protective roll cages on featured units
- Precision gauges for pressure monitoring
- Double-acting models for lifting/FastaJac
- Inline lubrication and safety relief included
- Full operator training and service support



# Specifications for Air Pumps



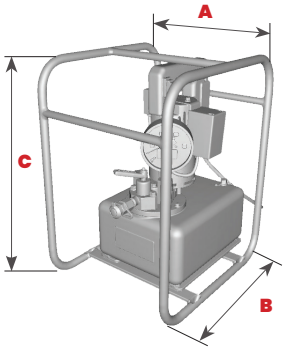

| Model # | Working Pressure (Bar) | Low Pressure Flow 0~600 Bar (L/M) | Low Pressure Flow 0~2000 Bar (L/M) | High Pressure Flow 0~2500 Bar (L/M) | High Pressure Flow 2000~4000 Bar (L/M) | Pump Ratio | Reservoir Capacity (L) | Air Consumption (scfm) | Dimensions (mm) | | | Weight (kg) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | (A) | (B) | (C) | |
| PU-AH2000H-S | 2000 | 0.3 | - | 0.15 | - | 440:1 | 4 | 28 | 410 | 350 | 260 | 17.6 |
| PU-AH2000H | 2000 | 0.3 | - | 0.15 | - | 440:1 | 8 | 28 | 464 | 493 | 425 | 31.6 |
| PU-AH2500H | 2500 | 0.6 | - | 0.3 | - | 460:1 | 8 | 56 | 464 | 493 | 425 | 31.6 |
| PU-AH4000H | 4000 | - | 0.3 | - | 0.15 | 740:1 | 8 | 56 | 464 | 493 | 425 | 31.6 |
| PU-AH2000M | 2000 | - | - | 0.8 max. | - | 265:1 | 25 | 28 | 380 | 650 | 370 | 44.5 |

Other models available by request.

Air Hydraulic Pumps Fitted with:

- 1 x Female Coupler
- Gauge
- Stainless Steel Oil Tanks
- Stainless Steel Air Components
- Powder Coated Roll Cage

# Specifications for Electric Pumps




| Model # | Pressure 1st Stage (Bar) | Pressure 2nd Stage (Bar) | Flow Rate (L/M) | Reservoir Capacity (L) | Usable Oil Volume (L) | Dimensions (mm) | | | Weight (kg) |
|---|---|---|---|---|---|---|---|---|---|
| | | | | | | (A) | (B) | (C) | |
| PU-EH2000SC | 200 | 2000 | 0.1-2.0 | 7 | 6 | 325 | 405 | 505 | 26.6 |

Other models available by request.

240V Electric Hydraulic Pump Fitted with:

- 1 x Female Coupler
- Gauge
- Stainless Steel Roll Cage
- 5mtr Remote Pendant