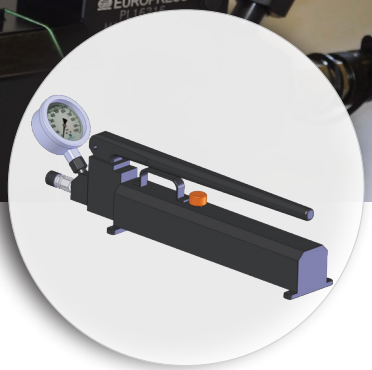
Lightweight Hand Pump

- Aviation-Grade High-Strength Light Alloy
- Over 50% Lighter Than Traditional Pumps
- Two-Stage Efficiency for Quick Oil Output
- Remarkably Low Handle Operating Effort



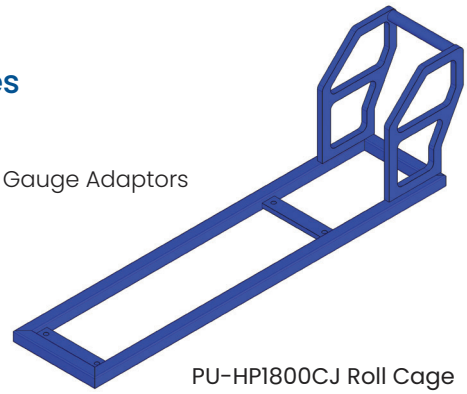
Designed for simple hydraulic tensioning, this **lightweight hand pumps** are manufactured from high-strength light alloy typically utilised in the aviation industry. This construction reduces weight by over 50% compared to traditional steel-bodied alternatives, ensuring these durable units are exceptionally easy to handle. Each pump provides high mechanical resistance and is compatible with both single and double-acting cylinders.

Operation

The two-stage cylinder design ensures quick oil output at low pressure and efficient performance at high pressure. An internal safety valve provides automatic relief, while a vacuum oil receptacle and spill-free venting valve allow for efficient operation at any angle. The extended handle remarkably reduces the manual effort required to reach high pressures, saving significant labour during tensioning.

Accessories

- Roll Cage
- Gauges and Gauge Adaptors
- Fittings
- Spare parts



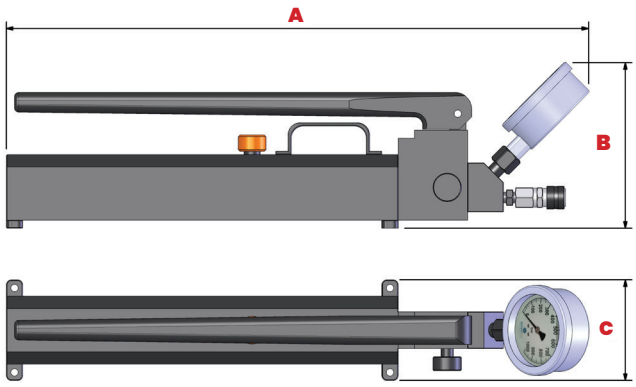
PU-HP1800CJ Roll Cage

Features

The **Lightweight Hand Pump** has been designed with the operator in mind, offering a range of high-performance features and optional extras to ensure trouble-free operation.

Some features of the **Lightweight Hand Pump** are:

- Adjustable high and low-pressure relief valves
- Vacuum oil receptacle for operation at any angle
- Corrosion-resistant 2000ml stainless steel tank
- Fitted with original CEJN hoses and adaptors
- Integrated carry handle and mounting holes
- Additional models available upon request
- Operator training is available and all pump servicing fully supported by Technofast



Specifications

Model #	Pressure 1st Stage (Bar)	Pressure 2nd Stage (Bar)	Handle Effort (N)	Reservoir Capacity (L)	Usable oil Volume (L)	Dimensions (mm)			Weight (kg)
						(A)	(B)	(C)	
PU-SHP700C	-	700	363	1.3	1.1	-	-	123	5
PU-HP700C	-	700	363	2.3	1.9	-	-	123	6.4
PU-HP1800CJ	20	1800	522	2.2	1.8	695	266	125	10

Other models available by request.