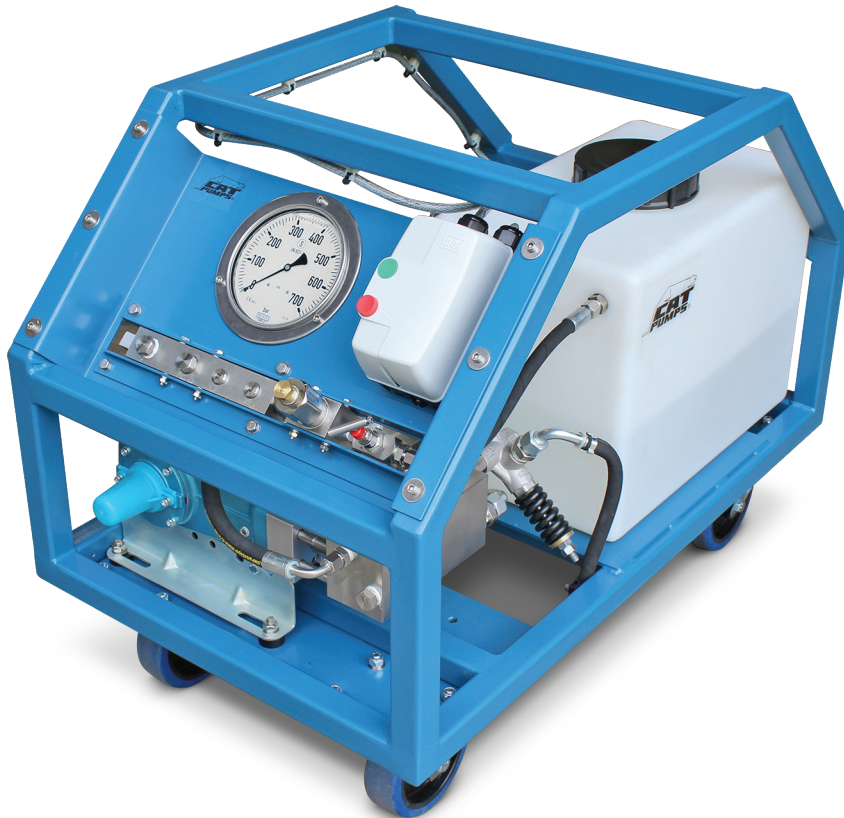


Mobile high-pressure pump package designed for hydrostatic pressure testing

The HTU from Cat Pumps is a compact mobile high-pressure system utilising the highly reliable and long lived Cat Pumps high pressure plunger pump. The HTU can be used for testing of pipelines, delivery hoses, valves, heat exchangers and other pressure related components.



Features:

- Cat Pumps High Pressure Plunger Pump
- Pressures ranges up to 700 bar
- Choice of 3 phase or single phase gear-motor
- Pressure regulating valve
- Pressure relief valve
- Easy to read, Calibrated Pressure gauge
- Pressure release valve
- Multi port distribution manifold
- 50 litre plastic water tank

Benefits:

- Highly reliable, low energy consuming, easy to service pump
- Low noise operation
- Mobile and compact design
- Corrosion resistant wetted components and hoses
- Robust frame design
- Sturdy wheels with brakes

Hydrostatic Test Unit Operation

The Cat Pumps HTU comprises of a high pressure pump and motor/gear-motor assembly. An inbuilt water supply tank feeds the high pressure pump which in turn feeds a high pressure distribution manifold, a pressure regulator and a large easy to read calibrated pressure gauge. The high pressure distribution manifold has four outlets with varying ports that can be used for supplying the item on test and any extra pressure monitoring devices. The HTU has an inbuilt pressure relief valve that will prevent the unit from achieving pressures in excess of the system design. An incorporated pressure release valve allows the pressurised water to be released back to the supply tank after a hydrostatic test has been completed.

Please see table below for suggested pump configuration. Other units available to suit specific applications on request.

Pump Model	Maximum Possible Pump Flow (l/min)	Maximum Possible Pump Pressure (bar)	Motor Power (kW)	Motor Phase	Motor Voltage
2SF09ES	4.5	100	1.1	Single	230/240
2SF09ES	9	100	2.2	Single	230/240
5CP3120	5.5	200	2.2	Single	230/240
5CP3120	17	245	*	Three	400/415
700	17	345	*	Three	400/415
1570	1.7	400	1.5	Single	230/240
1570	22.7	414	*	Three	400/415
1810	11.4	700	*	Three	400/415

*Please call Cat Pumps for further information.

Contact Cat Pumps for more information on HTU possibilities.

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⚠ WARNING

All systems require both a primary pressure regulating device (i.e. regulator or unloader) and a secondary pressure safety relief device (e.g. safety valve, pop-off valve etc.). Failure to install such relief devices could result in personal injury or damage to the pump or to system components. Cat Pumps does not assume any liability or responsibility for the operation of a customer's high pressure system.



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