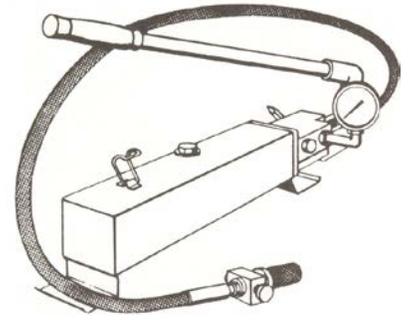


Amtec Oil Handpumps

Series 114.427...

A portable, or permanently mounted, handpump for pressurizing all Amtec oil activated clamping devices up to 690 bar (10,000 psi).



Basic Models:

114.427.256-400
 114.427.406-400
 114.427.259-690
 114.427.409-690

Maximum Operating Pressure, Capacity and Weight:

590 bar (8,555 psi)	2.5 litre (0.66 USG)	8.0 Kg (18.0 lbs)
590 bar (8,555 psi)	4.0 litre (1.0 USG)	14.0 Kg (31.0 lbs)
690 bar (10,000 psi)	2.5 litre (0.66 USG)	8.0 Kg (18.0 lbs)
690 bar (10,000 psi)	4.0 litre (1.0 USG)	14.0 Kg (31.0 lbs)

General:

The Amtec Series 114.427... Handpump has been custom engineered to handle high pressure requirements for many types of oil activated clamping devices. Over twenty years of "field engineering" has resulted in a safe, convenient and durable handpump to meet most specifications.

Safety:

1. A 2-way control valve is provided for "Clamping" in the counter-clockwise position and "Dumping" to the reservoir in the clockwise position to ensure operational simplicity.
2. Visually coded/mechanically interlocked Amtec Couplers offer positive lock as well as quick-disconnect with the clamping devices, to ensure safe and convenient interaction between the pump and the clamping device under all operating conditions.
3. Operating pressure can be pre-set to ensure specific clamping control. Once the pre-set pressure is reached, excess oil is dumped back into the reservoir, without any increase in pressure to the clamping device.
4. Pressure pre-set control is located inside the reservoir to prevent unwarranted changes.

Convenience:

1. Use standard ISO AW 32 or 46 hydraulic oil.
2. Flexible hose extensions as required.
3. Compact size and light weight provide convenience and ease of movement for use in restricted areas. 4 litre Pump Size: 810 mm (31.9") long X 146 mm (5.8") wide X 178 mm (7.0") high.
4. 773 mm (30.4") long handle is provided for easy pumping to maximum pressure.
5. Pump is portable, or it can be permanently mounted either horizontally or vertically.
6. Models available for various pressure and capacity requirements.

Durability:

1. Steel pump body, handle, linkage, fittings and reservoir.
2. Steel valve seats.
3. Rubber covered pressure gauge.
4. Many pumps have been in continuous service for over 20 years.