

POWER-PACKER®

TRUCK



C A B T I L T

Power-Packer®'s hydraulic pumps, cylinders, and latches have given truck manufacturers the ability to tilt cabs on COE and conventional trucks safely and efficiently for decades.

AN
Actuant
COMPANY

www.actuant.com

Power-Packer® is dedicated to meeting the needs and challenges of today's global customers through engineered solutions, Lean Manufacturing Processes, and quality systems. We have been manufacturing position and motion control activation systems for over 30 years. Power-Packer® is making the operation of equipment and vehicles easier, safer, and more economical for end users around the world.

HYDRAULIC PUMPS

Power-Packer® hydraulic pumps are efficient, safe, and versatile pumps that will satisfy various actuation requirements. The pumps can be used on trucks, trailers, off-road equipment, material handling equipment, and numerous other applications.

Hand Pump



FEATURES:

- Tamper proof flow control in return line
- Swivel beam operation
- Ports screened to trap contamination
- Built in pressure relief protects entire system
- Choice of 2 reservoirs (35 & 65 cu. in.)
- Versatile mounting locations

SPECIFICATIONS:

- Relief Valve Setting: 3,200-4,800 psi (set at factory) (220,6-331,0 bar)
- Max. Operating Pressure: 3,600-5,000 psi (depending on pump) (248,3 bar - 344,8 bar)
- Pump Plunger Dia.: .562, .687, .750 in. (14,27, 17,45, 19,05 mm)
- Volume Per Stroke: .246, .371, .442 cu. in. (4,03, 6,08, 7,24 cu. cm)
- Pump Return Orifice Dia.: .018 in. (0,46 mm)

Air Powered Pump With Manual Override



FEATURES:

- Operates on 60-120 psi (4,1-8,3 bar) air supply
- Requires no manual effort. Three times faster than hand pumps
- No electric motors. No wiring. No spark hazard
- Versatile — Swivel air inlet allows use of shop air line or hard plumbing

SPECIFICATIONS:

- Max Operating Pressure: 3,000 or 5,000 psi (206,9 or 344,8 bar)
- Air Consumption: 12 SCFM
- Oil Flow @ 100 psi (6,9 bar): 27 or 44 cu. in. @ 4,500 or 3,000 psi (442,8 or 721,6 cu. cm @ 310,3 or 206,9 bar)
- Hand Pump Plunger Dia.: .56 or .69 in. (14,2 or 17,5 mm) dia.
- Hand Pump Displacement: .24 or .37 cu. in./stroke (3,9 or 6,1 cu. cm/stroke)

DC Electric Powered Pump With Manual Override



FEATURES:

- 12 V DC Input
- Requires no manual effort. Three times faster than hand pumps
- Integrated design. Motor, controls and manual override are all in one compact package
- Includes Push Button Switch Assembly
- Motor includes internal thermal overload

SPECIFICATIONS:

- Max Operating Pressure: 3,500 psi (241,4 bar)
- Oil Flow: 30 cu. in./Min @ 3,000 psi (492 cu. cm @ 206,9 bar)
- Max Amp Draw: 38 Amps @ 3,000 psi (206,9 bar)
- Hand Pump Plunger Dia.: .56 or .69 in. (14,2 or 17,5 mm)
- Hand Pump Displacement: .37 cu. in./stroke (6,1 cu. cm/stroke)
- Reservoir Capacity: 35 or 65 cu. in. (541 or 983 cu. cm)

*The hydraulic pumps are not a load holding device. In order to obtain the most constant operation of the hand pump in any application, use MIL-H-5606 hydraulic oil or equivalent. This is a constant viscosity fluid that will allow the hydraulic system to function properly in temperature ranges of -30° F to 130° F (-34° C to 54° C).

HYDRAULIC CYLINDERS

Power-Packer® manufactures hydraulic cylinders that are used in cab tilt systems and other demanding applications. The unique design makes it a cost-effective, lightweight, and reliable cylinder.



FEATURES:

- Single-acting or double-acting
- Optional internal tamper-proof velocity fuses for added protection in the event of sudden hydraulic pressure loss
- Various rod end and base mounting configurations
- 3/4 lock design or built in flow control — optional

SPECIFICATIONS:

- Strokes: Variable (per customer request)
- Maximum Operating Pressure: Up to 5,000 psi (350 bar)
- Bore Dia. Available: Dia. 1.25, 1.50, 2.00, 2.50 in. (31,8, 31,1, 50,8, 63,5 cm)
- Plunger: Steel with hard chrome plate surface, others available

HYDRAULIC LATCH

The Power-Packer® hydraulic latch will satisfy new and existing latch applications. The compact size and strength of the latch makes it ideal for single or multiple latch requirements. Its unique, patented design includes a visual latch indicator pin — pin retraction indicates the latch has engaged mechanically and extension of the pin indicates the latch has disengaged hydraulically.



FEATURES:

- Furnished with upper catch bracket
- Compact size
- Engages mechanically
- Releases hydraulically
- Electric indicator switch — optional

SPECIFICATIONS:

- Maximum Vertical Pull Load: 10,000 lbs. (4536 kg)
- Maximum Hydraulic Pressure: 5,000 psi (345 bar)
- Operating Pressure to Open Latch: 300 psi (20,7 bar)

HOOD ASSIST

The Power-Packer® Hood Assist is a mechanical system designed to substantially decrease the effort required to manually open and close hoods or lids. It relies on an internal spring mechanism designed to hold the hood or lid in an open position on uneven terrain or in windy conditions.



FEATURES:

- Self-Contained — requires no air or hydraulics for operation
- Limits overall hood tilt angle
- Various end conditions available
- Can be used individually or in pairs

SPECIFICATIONS:

- Stroke/Travel: 8.5-10.5 in. (215.9-266.7 mm)
- Spring force - retracted: 60 lbs. (265 N)
- Spring force - extended: 100 lbs. (455 N)
- Weight: 7 lbs (3.25 kg)
- Finish: Black E coat
- All specifications customizable per application

Power-Packer® is
a worldwide leading
supplier of motion
control systems
in the following
global markets:

Automotive

Off highway

TRUCK

Patient Handling

Marine

Agriculture

Recreational Vehicles

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