



Ultra reliable hydraulic pump station for centralised single line grease injector systems on mobile plant.



Hydraulic Pump station for mobile plant

The Tecalemit TPSH-SL is a heavy duty single line hydraulic pump station for centralised lubrication systems on mobile mining and earthmoving equipment fitted with single line grease injectors.

This pump station is designed for new installations and retro fitting to existing centralised systems requiring a replacement pump station where hydraulic is the preferred power source. The grease pod is a compact square line unit suitable for rear or deck mounting, making it particularly suited to underground equipment. The unit is fitted with a highly reliable and efficient Tecalemit TPH series 10:1 hydraulic pump, dry coil electric vent valve, pressure switch, grease pressure gauge, inlet grease filter, overflow valve, breather and high pressure connection hoses including an optional manual grease gun and hose.

Key Features:

- High pressure 10:1 hydraulic grease pump for efficient operation and smooth continuous grease flow.
- Dry coil electric vent valve prevents failures due to grease gumming.
- Includes TC100D2 controller with adjustable time on and off, pump on light, cycle counter, audible alarm, and manual test button. Can be mounted on pod or remotely
- Compact square, heavy duty grease pod construction is robust and space efficient. Swing down lid is suited to installation on low profile underground equipment. Bottom fill entry connection prevents air entrainment in grease.
- Pod overflow valve prevents overfilling and tank pressurisation.
- 20kg, 45kg and custom pod designs and dual line versions available.

Technical specifications:

Pump Compression ratio : 10:1

Pump oil pressure : 300-450 psi

Recommended operating pressure : 300-400 psi

Pump oil flow : 3 Lt/min

Grease output : 300cc/min

Pressure switch actuation : 3000 psi (adjustable)

Dimensions: standard 20kg unit

Height overall : 635mm

Width & depth : 265x285mm

Capacity : 20

Weight Tare : 45

Gross : 60

Connections:

Oil inlet : 7/ 6" JIC Male

Oil outlet : 9/ 16" JIC Male

Grease outlet : 1/2" BSPT Male

Overflow : 3/4" BSPT Female

Grease bottom fill inlet : 1/4" BSP Female or Grease Nipple