

Single Line Pneumatic Pump Station

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



Reliable & economical
pump station for
single line injector
systems on
mobile plant

This pump station is designed for new installations and retro fitting to existing centralised systems requiring a replacement pump station. The grease pod is deck mounted, with removable lid for ease of cleaning. The unit is fitted with a highly reliable and efficient double acting 50:1 ratio RAASM air operated grease pump, vent valve, pressure switch, air solenoid valve, grease pressure gauge with isolation valve, overflow valve and high pressure connection hoses.

Key Features:

- High pressure double acting pneumatic grease pump for efficient operation, easy priming and smooth continuous grease flow.
- Air solenoid valve with manual bypass can be remote mounted for easy access & test.
- Pump features self lubricating components and Teflon coated shaft guides in top and bottom end for wear resistance under extreme conditions.
- Built in air and grease filters in pump reduce contamination related wear and tear on both the pump and serviced bearings.
- Simple, heavy duty grease pod construction keeps cost and risk of damage low, while removable pod lid with lifting lugs allows easy cleaning and inspection. Bottom fill entry connection prevents air entrainment in grease.
- Pod overflow valve prevents overfilling and pressurisation.
- Custom pod designs available to suit existing installations.

Technical specifications:

Pump Compression ratio : 50:1

Pump Max air pressure : 116psi / 8 bar

Recommended operating pressure : 80psi / 6 bar

Pump Air consumption : 130 Lt/min / 5 scfm

Grease output : 1.5 kg/min @5750psi max. free flow

Noise level : 81dB

Pressure switch actuation : 2800 psi (adjustable)

Dimensions:

Height overall : 850mm

Diameter overall : 390mm

Capacity : 30kg

Weight Tare : 50kg

Gross : 80kg

Connections:

Air inlet : 1/4" BSPT Male

Grease outlet : 1/2" NPT Female

Overflow : 3/4" BSPT Female

Grease bottom fill inlet : 1/2" BSP Female

