

Heavy Duty Low Profile Hydraulic and Electric Grease Pump Stations

The JSG Industrial Systems' 'Ned Kelly' pumps are extra heavy duty hydraulic and electric grease pump stations designed to meet the harsh requirements of underground metalliferous mining operations. Designed to operate a centralized lubrication system utilizing single line parallel grease metering components, these pumps are double acting, dispensing lubricant on both the up and down strokes and have been designed to be used in conjunction with the SL,SLV and SLV -XL Series injectors or a combination of these.

Models Available:

The robust and reliable 'Ned Kelly' grease pumps are offered in two versions:

- 03-002364 - Heavy Duty Hydraulic Grease Pump Station
- 03-002477 - Heavy Duty Electric Grease Pump Station

Primary Components:

- High Chief grease pump, model: 03-000964 (Hydraulic) or Flowmaster 24V DC, 19:1 grease pump, model: 01-085587 (Electric)
- Direct acting electric grease vent valve
- Grease pressure switch
- Manual operating switch (Hydraulic only)
- JSG G2 Control Module, model: 13-002500
- Heavy duty 5mm steel plate housing

Features:

The Ned Kelly pump stations feature:

- Compact sizing: 585mm (h) x 420mm (w) x 300mm (d), in the closed position, allowing for ease of installation, particularly on underground mining equipment
- Incorporates a 5mm heavy duty steel housing for strength to withstand rock falls
- Double acting pump action—works both on the up and the down strokes
- Utilises a button-head fill coupling to allow fast re-filling through an integral grease filter
- Controlled by the JSG G2 Control Module allowing full control over the lubrication system run and pause time. Control Module incorporates water proof enclosure and connections



Specifications:

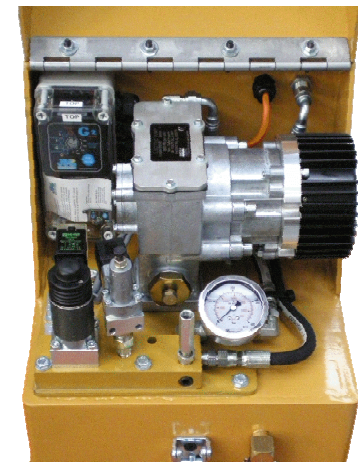
Hydraulic:

- Input pressure: 20-200 bar
- Input flow: 0.25-3.0 ltrs/min
- Input connection: 7/16" JIC
- Tank return: 9/16" JIC
- Grease outlet: 9/16" JIC
- Seals: Buna N
- Max. hydraulic temperature: 100°C
- Hydraulic filtration: 10 micron
- Grease tank capacity: 20kg
- Useable grease: 12kg—14kg
- Output pressure: 300 bar max (std model)
- Output per cycle: 8.8cm³/cycle
- Output flow: 132cm³/min
- Voltage input: 24V DC
- Current: 1.6 A max
- Pump run indication: Dash light



Electric:

- Operating temperature: -40-65°C (-40-150°F)
- Operating voltage: 24V DC (18V DC min, 32V DC max)*
- Motor: 1/3 HP (0.25kW)
- Current draw: 6.5 AMPS (at max pressure)
- Output/pump cycle: 1.15cm³ (0.07in³)
- Grease outlet: 9/16" JIC
- Optional alarm output



* note: motor controller will shut motor off outside voltage limits



To find out more about the Hydraulic or Electric Grease Pump Stations, please contact JSG Industrial Systems Customer Service on +61 2 9914 8720 or your local JSG sales representative



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