

# EPG ELECTRICALLY Operated Grease Pump Mobile Mining Equipment

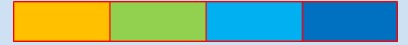


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Mobile Mining Equipment  
for Automatic Grease Systems



## EPG Series of Electric Lubrication Pump

The EPG series of electric lubrication pump is controlled by a DC motor.

Its displacement is linearly related to the motor speed, making it suitable for complex and variable working conditions.

Driven by a brushless DC motor and used with a control unit, the lubrication pump is designed for single-line centralized lubrication systems.

When lubricant is delivered to lubrication parts, the motor and solenoid valve are energized, and the pump begins to work.

When the grease injector completes the grease filling operation and the pressure of the system reaches the set value, the pressure switch transmits the signal to the control unit, then the control unit cuts off the power supply of the motor and the solenoid valve, and the whole system relieves pressure and enters the next lubrication cycle.



MAXIMUM SYSTEM PRESSURE	35MPA
RESERVOIR CAPACITY	18KG、27KG、41KG、54KG、180KG
OPERATING VOLTAGE	24VDC
MOTOR POWER	200W
MOTOR SPEED	1500 RPM
REDUCTION RATIO	8:1、20:1、40:1
CYCLE DISPLACEMENT	1.8CC
GREASE OUTLET THREAD	1/4NPTF INNER THREAD (PUMP TUBE)3/4NPTF INNER THREAD (LUBRICATION PUMP)
OPERATING TEMPERATURE	-40 DEG C~ +65 DEG C
PROTECTION CLASS	IP65
APPLICABLE GREASE TYPE	UP TO NLGI 2#