

# GP35 POWERPACK

TECHNICAL SPECIFICATION

## GP35 POWERPACK

Part No GP/3800

### Application

A general purpose powerpack with a variable displacement pump driven by a 3 cylinder water cooled diesel engine. The powerpack can be used to supply hydraulic power to operate Komara 50, Komara 20, Komara Star, off-loading pumps and Vikoma reel systems. The powerpack is supplied with two flow control valves and has an additional uncontrolled output.

### Dimensions

Length	140cm
Width	80cm
Height	105cm
Weight	560Kg (without fuel/oil) 650Kg (with fuel/oil)

### Construction

Frame	Mild steel
Hydraulic tank	Mild steel 60 litre working capacity
Diesel Fuel Tank	Aluminium alloy 29 litre capacity
Covers	Glass reinforced plastic
Upper frame	Stainless steel tube
Paint finish	Shot blasted steel with 2 coats polyurethane primer and 2 coats polyurethane top coat RAL 2008
Lifting	Central single lift point and fork pockets.

### Performance

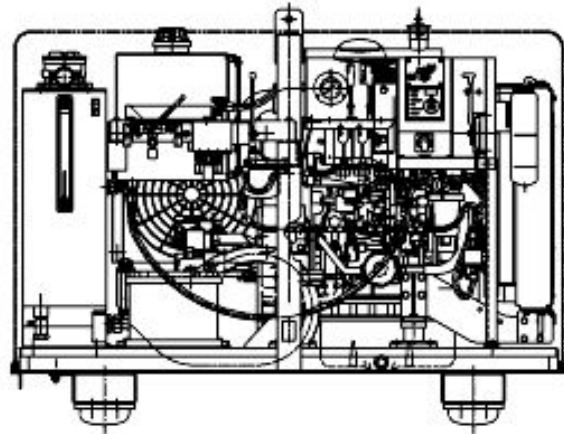
160 bar maximum system pressure.

Flow control valves (friction lever type)

1/2" QRCs	-10 to +30 l/min
3/8" QRCs	-5 to +10 l/min

Uncontrolled ports

3/4" pressure, 1" return QRCs, to 65l/min



### Shipping Details

Length	155cm
Width	101cm
Height	136cm
Weight	690Kg

### Standard Accessories

1 x Lifting sling and shackle  
Operation and maintenance manual

### Optional Accessories

Overall PVC weather cover (8179CV)  
Spares kit (SK/0395)

### Engine

3 Cylinder, water cooled, diesel, Stage 3A emission compliant, electric start

Rated Output	26.8kW at 3,000 rpm
Running Speed	2000 – 3000 rpm
Safety Devices	Low oil pressure shut-down High coolant temperature shut-down Low hydraulic oil level shut-down Engine over-speed shut-down Exhaust spark arrestor
Running time at 50% load	7 hours

### Hydraulics

Hydraulic Pump	Axial piston type directly coupled to engine via a flexible coupling.
Controls	Automatic (automatically adjusts pump to improve efficiency) or manual (pressure controlled).
Cooling	Heat exchanger with thermostatically controlled DC motorised fan
Filtering	Re-usable suction strainer Return line filter with disposable element 10 micron abs
Max. Hydraulic Output	65 litres/min @ 160 bar
Pressure	Adjustable 50 – 160 bar
Hydraulic connections	Quick release couplings (QRCs) Pressure female Return male

### Instrumentation / Controls

#### Hydraulic

Automatic and Manual control (user select)  
Pressure relief valve  
System Pressure gauge  
Hydraulic supply isolation valve  
Oil level/temp sight gauge  
Maximum working pressure control  
2 flow control valves (friction lever type)

#### Engine

Speed control  
Key switch – off, run, heater, start  
Battery isolator switch  
Fuel level sight tube