



Underground Power Pack

Dimension and Weight

- Size : 46" W x 46" H x 92" L / 116cm W x 116cm H x 234cm L
- Weight: 3700lbs / 1678kg with 150hp motor (weight varies with motor size)

Options

- Rated Swivel Lifting Lugs
- Hitch and wheel set up for ease of moving
- Rod Guard with Interlock System
- Extra Valve Section for Auxiliary Functions (EG: Mud Mixer)

System Features

- Electric Motor: 100-200 hp/60 Hz/575 V Premium Efficiency (option avail. for other voltage ratings)
- Pump Drive: Twin Disc AM230 (side by side arrangement)
- Hydraulic Pumps: 2 x HAWE V60 130cc Load Sensed rated (1 set @ 5000 psi / 435 bar, 1 set @ 3000 psi / 207 bar)
 - Note: Drilling Function Operates at 4500 psi / 310 bar (factory set) and can be increased to 5000 psi / 345 bar
- HAWE 24 Volt (PLC Operated) proportional valve system using minimal hydraulic lines, reducing possible chances of leaks and spills and providing significant increase in the system efficiency
- Triple Filtration System: 3 x Pressure Filter, 1 x Return Filter with clog detection sensors plus 3 Magnetic Filtration system on the drain case lines for a total of 7 filters
- Hydraulic Tank Capacity: 24 imp. Gal. / 90 litre with oil temperature and level sensors
- Heat Exchanger: 24 V DC Air cooled (to reduce water consumption) with Temperature Switch for ensuring optimal oil temperature
- Additional gear pump provides direct cooling of both pumps and system
- Electric Panel: CSA / QAI certified
 - 575 Volt (other voltage specifications available)
 - 250 Amp Soft Start and 250 Amp Breaker
 - 3 kVA Transformer
 - 120 V power breakers
 - 50 Amp Solid State Relays
 - 2x Remote E-Stop Stations (plus one on panel door) with Magnetic Housing
 - 10 Ft / 3m Power Feed Cable
 - Fire suppression system



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DrillcoMining.ca

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Surface Power Pack

System Features

- Diesel Motor: Volvo TAD550-552VE (160 kW @ 2200 rpm)
 - Option: Volvo TAD750VE (200 kW @ 2300 rpm)
- Pump Drive: Twin Disc AM230
- Hydraulic Pumps: 2 x HAWE 130cc Load Sensed rated (1 set @ 5000 psi / 345 bar, 1 set @ 3000 psi / 207 bar)
 - Note: Drilling Function Operates at 4500 psi / 310 bar (factory set) and can be increased to 5000 psi/345 bar
- HAWE 24 Volt Proportional Valve System (PLC Operated) using minimal hydraulic lines, reducing chances of leaks and spills and providing significant increase in the System Efficiency
- Triple Filtration System: 3 x Pressure Filter, 1 x Return Filter with clog detection sensors plus 3 Magnetic Filtration system on the drain case lines for a total of 7 filters
- Hydraulic Tank Capacity: 90 liters / 24 gallons with oil temperature and level sensors
- Heat Exchanger: 24 V DC Air cooled (to reduce water consumption) with
- Temperature Switch for ensuring optimal oil temperature
- Electric Panel: CSA certified
 - 24 Volts Power Supply Panel
 - 2x Remote E-Stop Stations (plus one on panel door) with Magnetic Housing
- Interlock Ready for Rod Guard

Dimension and Weight

- Size: 46" W x 46" H x 104" L / 116 cm W x 116 cm H x 264 cm L
- Weight: 3300 lbs / 1495 kg (Varies with Motor Size)

Options

- Winch Assembly Option
- Extra Valve Section for Auxiliary Functions (EG: Mud Mixer)
- Fire Suppression System
- Hydraulic-Powered Heat Exchanger



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