



P-200™

Unitized Mud Pump



Photo may show optional equipment

Add A High Volume Mud Supply To Any Directional Drill

You face drilling in rock, and a mud motor is going to come into the picture. The on-board mud pump on your drill simply can't produce enough pressure and flow to drive the mud motor. Consider our new P-200—a self-powered, stand-alone mud pump with enough flow and pressure to operate a mud motor. Plus, you get enough flow to keep the bore flushed free of cuttings.

The P-200 is simplicity itself. A diesel engine drives the triplex pump on the P-200. A manual transmission lets you match engine and pump speed for peak performance. Bypass the on-board mud pump

and position the P-200 between your drill and a supply of clean mud. A liner wash system on the triplex pump gives much greater service life to the liquid end of the pump.

A remote control console can be mounted at the driller's station. The engine throttle and clutch controls are there so you can cycle the mud pump to match your drilling practices. A digital meter shows mud flow in gallons or liters per minute. Engine instruments are mounted on the P-200, and include the Murphy system to shut down in case of low oil pressure or high coolant temperature.

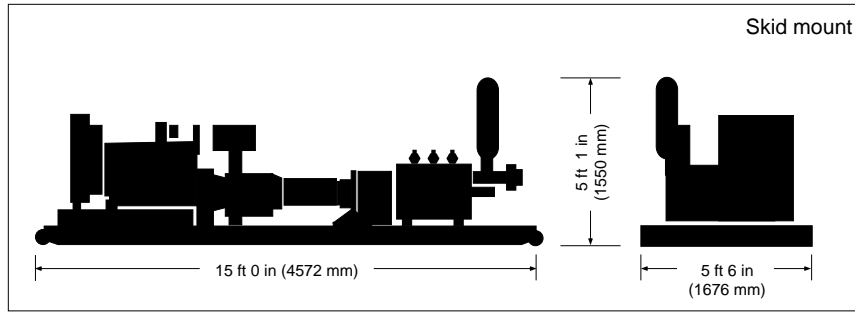
The P-200 is mounted on a rug-

ged skid. Its relatively small size means it can ride to the jobsite in any spare space on a truck or trailer.

The P-200 is a perfect companion to a mud cleaning system like the MCM-2000, which mixes drilling fluid and cleans at rates up to 250 gallons per minute. It can easily support a drill requiring around 150 gallons per minute.

The P-200 could be a valuable asset to any driller's equipment spread. You don't drill hard rock in every bore, every day, so the P-200 can circulate from job to job where ever it is needed.

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Approx. shipping weight:
7,500 lb (3405 kg)



Engine

Engine	Deere® 6068T 6 cylinder turbocharged diesel engine with air compressor
Rating	180 HP (134.3kW) continuous duty
Fuel capacity	50 U.S. gallons (189 L)
Accessories	Murphy System shut down for high engine temperature or low engine oil pressure
Power train	Air release clutch, Spicer 5-speed manual transmission to match pump and engine speeds



Pump

Rated Capacity	208 gpm at 1200 psi (787 L/min at 83.4 bar)
Pump Design	Triplex, piston and liner
Accessories	Pulsation dampers 100 ft (30.5 m) discharge hose with 3" cam lock fittings Liner wash system with 25 gallon (95 L) supply tank



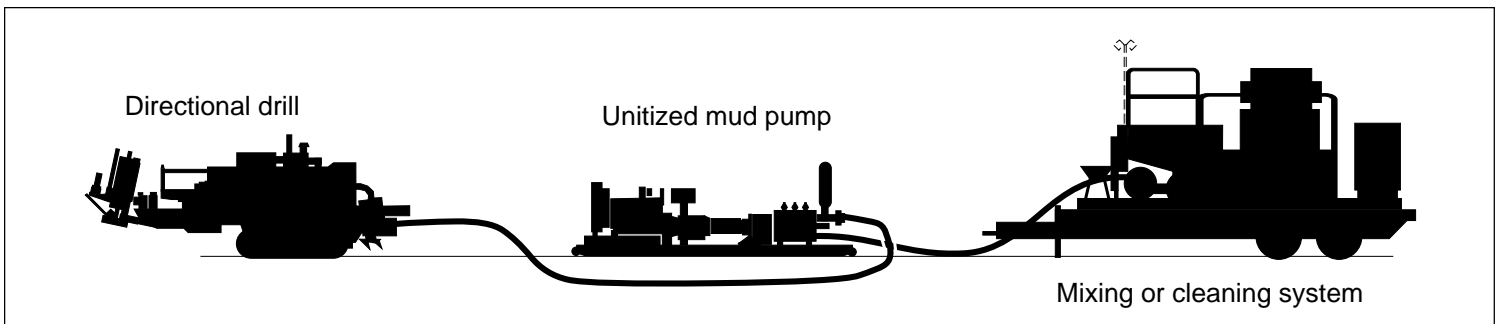
Controls

Remote Controls	Engine throttle, clutch actuator, emergency stop
Remote Instruments	Digital mud flow meter (gallons or liters per minute)
Control cables	100 ft (30.5 m)



Options

Transmission	Funk 4-speed automatic transmission (delete air clutch and air compressor)
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Typical arrangement to increase volume to a drill with a small on-board pump



Due to our continuing product improvement, specifications are subject to change without notice.

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