

VTM D130S HORIZONTAL DIRECTIONAL DRILL



# ***D130S HORIZONTAL DIRECTIONAL DRILL***

**Vermeer**





## POWERFUL DRILLING SOLUTION FOR TIGHT, NARROW JOB SITES

Equipped with 578,200 kN (130,000 lb) of thrust and pullback, the D130S is a sturdy machine made in Tianjin, China, with high-quality parts and components that Vermeer is known for. This new generation of D130S also has several enhanced features that allow for high functionality, productivity and ease of use.

To facilitate greater connectivity and to support the development of both rural and urban areas, the D130S helps fill these various new infrastructure needs. These include telecommunications (fiber optics), water, electricity, gas and oil pipeline installations across varying ground conditions and locations. Take on challenging, large-diameter drilling projects without worrying about space restrictions. In addition, the machine also keeps surface disruption to a minimum, making it ideal for projects in densely populated, residential areas.







## CLIMATE-CONTROLLED CAB AND HASSLE-FREE MACHINE UPKEEP

Maximize operational comfort with the climate-controlled cab. It provides the operator protection from various weather conditions, thus maximizing overall productivity. The updated engine hood industrial design of the D130S facilitates hassle-free machine maintenance, so the operator can quickly access various machine components to conduct maintenance checks.



### Plus+1 control system

For precision and reliability, the control system in the D130S has been upgraded to Plus+1. This drill also includes the AutoSteer system, which automates certain drill head motions, helping you to set and adjust rotation duration and direction while maintaining a preset thrust pressure to get through hard ground conditions. This enables drilling consistency. To top it off, the updated console design helps provide a seamless, user-friendly bore path adjustment experience for the operator.



### Increased rod-loading capacity

The operator-controlled rod loader helps reduce labor involved with manually loading and unloading drill rod. The stackable rod box increases the rod loading capacity of the D130S, improving overall drilling efficiency by enabling a full set of rods to be loaded into the machine with a touch of a button.



### Compact footprint and ease of transport

Machine maneuverability is key to navigating tight, narrow jobsites. With a length of 33.5 ft (10.2 m), and width of 8.2 ft (2.5 m), the self-contained, compact design of the D130S allows for convenient transportation, navigability and minimized setup time.



### High-powered rotational torque and thrust

Consisting of 130,000 lb (578,200 kN) of thrust and pullback and 15,000 ft-lb (20,337 Nm) of rotational torque, the D130S is able to penetrate through different and difficult terrains efficiently and effectively.



### Optional crane

Lesser support equipment is required onsite with the choice of a telescoping crane, thus freeing up more working space. This option can help maximize jobsite productivity by aiding rod box load/unload and maneuvering large tooling on rig side.



### Optional rotary stakedown system

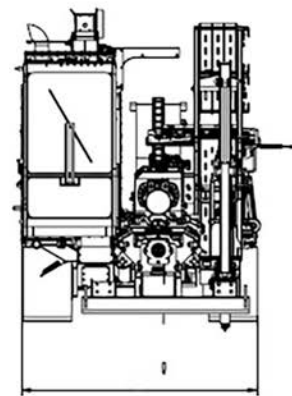
Cut down on setup time and the number of materials needed with our optional rotary auger-style stakedown.



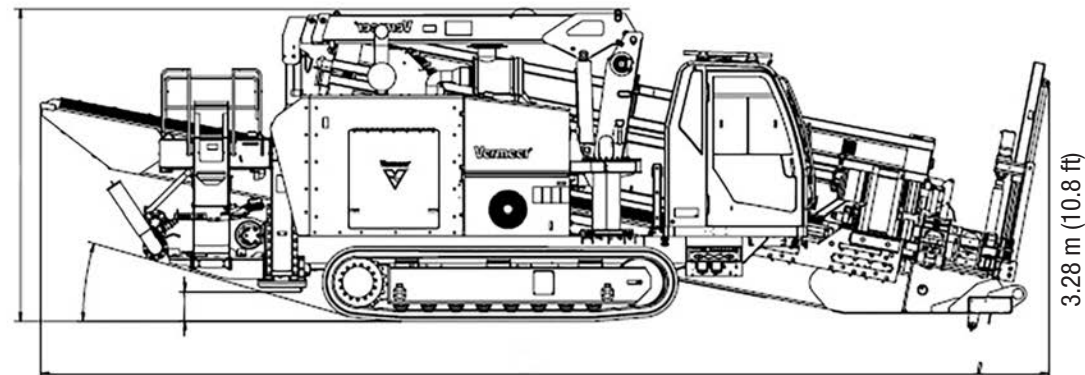
# VERMEER PARTS AND SUPPORT

You can get sound service from Vermeer dealer service technicians when and where you need it most. From our application insight to our confidence at the counter, Vermeer will work to answer your requests with expert care and promptness. We know your machines better than anyone, and we know dependability matters when your machines need service. That's why we take pride in resolving issues the first time, helping you maximize your productivity.

When it comes to parts, your Vermeer dealer will work to get what you need in the least amount of time — because we understand that when you need a part, you need it now. Vermeer dealerships focus on serving your needs quickly, consistently and efficiently. That's the Vermeer way.



2.5 m (8.2 ft)



10.45 m (34.3 ft)

3.28 m (10.8 ft)

SPECIFICATION	D130S HORIZONTAL DIRECTIONAL DRILL
<b>GENERAL DIMENSIONS AND WEIGHTS</b>	
Length (minimum transport)	10.45 m (34.3 ft)
Width (minimum transport)	2.5 m (8.2 ft)
Height (minimum transport)	3.28 m (10.8 ft)
Height (minimum transport with stakedown)	3.33 m (10.9 ft)
Weight (minimum transport)	19,196 kg (46,600 lb)
Weight (minimum transport with 36 rods)	23,949.6 kg (52,800 lb)
<b>PERFORMANCE</b>	
Maximum pullback	59 kg (130,100 lb)
Maximum thrust	59 kg (130,100 lb)
Maximum carriage speed at maximum engine rpm	25 m/min (82 ft/min)
Minimum carriage speed at maximum engine rpm	10 m/min (33 ft/min)
Maximum spindle torque (high at maximum engine rpm)	10,168 Nm (7,500 ft-lb)
Maximum spindle torque (medium at maximum engine rpm)	13,550 Nm (10,000 ft-lb)
Maximum spindle torque (low at maximum engine rpm)	20,337 Nm (15,000 ft-lb)
Maximum spindle speed at maximum engine rpm	95 rpm
Medium spindle speed at maximum engine rpm	65 rpm
Low spindle speed at maximum engine rpm	45 rpm
Maximum ground drive speed	4 km/h (2.48 mph)

SPECIFICATION	D130S HORIZONTAL DIRECTIONAL DRILL
<b>ENGINE (TIER 3)</b>	
Brand	DONG FENG CUMMINS
Model	QSB6.7-C260
Power	194 kW (260 hp)
Rated rpm	2,200 rpm
<b>DRILL PIPE</b>	
Type	VROD
Rod diameter	8.8 cm (3.5 in)
Rod length	6 m (20 ft)
Weight	155 kg (342 lb)
Maximum entry angle	20°
<b>MUD PUMP (USA, FMC)</b>	
Maximum pressure	83 bar (1,204 psi)
Maximum flow	757 L/min (200 gpm)
<b>TANK CAPACITY</b>	
Hydraulic tank	410 L (108 gal)
Fuel tank	310 L (82 gal)



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