

JT9 HORIZONTAL DIRECTIONAL DRILL

TRENCHLESS



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1 Field-proven rack-and-pinion thrust drive with welded-on double rack for low maintenance and reliability.

2 Carriage travels the length of the drill frame faster than other drills in its class, for faster cycle times and more pipe in the ground.

3 JT9 holds 300 ft (90 m) of drill pipe on board—up to twice as much as the competition—so you can finish virtually any job.

10 9,000 lb of pullback force, 186 rpm maximum spindle speed.

9 Easy to maintain, with no grease zerks and all daily maintenance points in one easily accessible location.

8 High-performance, Tier 4, 66-hp (49-kW) Deutz® diesel engine allows for easy maintenance and longer operation.

7 Comfortable operator's station includes an ergonomic seat and an advanced display that provides all engine diagnostics and features standard gauges.

6 Smallest footprint in its class, for easy setup in tight spaces.

5 Drill operator is positioned near the center of the pipe rack for easy pipe handling; seat slides forward for easy loading.

4 Open-top vise wrenches are angled toward the operator for an excellent view of the tool joint, and they require no daily maintenance.



The 66-hp (49-kW), Tier 4* Ditch Witch® JT9 Horizontal Directional Drill is the most powerful in its class. Offering 9,000 lb of pullback force in its sturdy yet compact frame, the JT9 combines the simplicity and easy operation of smaller horizontal directional drills with the advanced features of bigger drilling machines—like a heavy-duty anchor system, open-top vise wrenches and an integrated remote display.

WE'RE IN THIS TOGETHER.

*Tier 4i engine available for less-regulated countries. See alternate engine specifications on back.



JT9 HORIZONTAL DIRECTIONAL DRILL SPECIFICATIONS

	U.S.	METRIC
OPERATION		
Spindle speed, max	186 rpm	
Spindle torque, max	1,100 ft·lb	1490 N·m
Thrust force	9,000 lb	40 kN
Pullback force	9,000 lb	40 kN
Thrust travel speed	188 fpm	57 m/min
Pullback travel speed	188 fpm	57 m/min
Bore diameter, min	3 in	76 mm
Ground travel speed		
Forward	2.4 mph	3.9 km/hr
Reverse	1.5 mph	2.4 km/hr

POWER (TIER 4)		
Engine	Deutz® TD2.9	
Fuel	Diesel	
Cooling medium	Liquid	
Injection	Direct	
Aspiration	Turbocharged	
Number of cylinders	4	
Displacement	177 in ³	2.9 L
Bore	3.2 in	92 mm
Stroke	4.33 in	110 mm
Manufacturer's gross power rating	66 hp	49 kW
Rated speed	2,200 rpm	
Emissions compliance	EPA Tier 4	EU Stage IIIB

POWER (TIER 4i) (LRC)		
Engine	Deutz D2011L04i	
Fuel	Diesel	
Cooling medium	Integrated oil	
Injection	Direct	
Aspiration	Natural	
Number of cylinders	4	
Displacement	189 in ³	3.1 L
Bore	3.7 in	94 mm
Stroke	4.4 in	112mm
Manufacturer's gross power rating	66 hp	49 kW
Rated speed	2,300 rpm	
Emissions compliance	EPA Tier 4i	EU Stage IIIA

DIMENSIONS		
Height	74 in	1.9 m
Length	146 in	3.7 m
Width	49 in	1.24 m
Operating weight (w/ 50 pipe)	7,380 lb	3350 kg
Entry angle	10-14°	
Angle of approach	18°	
Angle of departure	18°	

	U.S.	METRIC
DRILLING FLUID SYSTEM (ON BOARD)		
Pressure, max	750 psi	52 bar
Flow, max	16 gpm	60.57 l/min
Fluid tank capacity	40 gal	151 L

FLUID CAPACITIES		
Hydraulic reservoir	23 gal	87 L
Fuel tank	18 gal	68 L

POWER PIPE® HD		
Length of drill pipe, nominal	72 in	1.8 m
Diameter of drill pipe, tool joint end	2 in	51 mm
Diameter of drill pipe	1.58 in	40 mm
Bend radius, min	100 ft	30 m
Weight of drill pipe, lined	29 lb	13 kg

BATTERY (TIER 4)		
SAE reserve capacity rating	195 min	
SAE cold crank rating @ 0°F (-18°C)	950 amps	

BATTERY (TIER 4i)		
SAE reserve capacity rating	165 min	
SAE cold crank rating @ 0°F (-18°C)	875 amps	

Specifications are general and subject to change without notice. If exact measurements are required, equipment should be weighed and measured. Due to selected options, delivered equipment may not necessarily match that shown.

