

JT10 DIRECTIONAL DRILL



KEY FEATURES/BENEFITS

POWER

High performance, Tier 4, 66-hp (49-kW) Deutz® diesel engine with optional Tier 4i, delivers maximum power, making it the most powerful drill in its class.

COMFORTABLE OPERATOR'S STATION

Newly designed operator's station features an ergonomic, traversing seat, positioning the operator near the center of the pipe rack for easy-to-reach pipe handling.

EASY MANEUVERABILITY

Shortest drill in its class for easy set up in tight spaces with rear ignition for faster jobsite set up.

INNOVATIVE DESIGN

The JT10's carriage travels the length of the drill frame faster than other drills in its class for faster cycle time and more pipe in the ground.

MAXIMUM STRENGTH

The strong and durable JT10 gives you 10,000 lb (44 kN) of sheer pullback force.

PRODUCTIVITY

The JT10 holds 324 ft (98.8 m) of drill pipe on board so you can finish all of your utility installations.

INTRODUCING THE
JT10
DIRECTIONAL DRILL



JT10 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	10,000 lb	44.5 kN
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	112 mm
Manufacturer's gross power rating	48.8 hp	36.4 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)		
20 gpm pump		
Pressure, max	1,200 psi	83 bar
Flow, max	20 gpm	76 l/min
Fluid tank capacity	8 gal	30.28 L
16 gpm pump		
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	82 ft	25 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.

