









Productive jobs start with productive crews. Which is why the JT24 was engineered with the comfort, technology and industry-leading visibility to keep you successful. It features:

- A wider frame, giving the JT24 more stability than any drill in its class, so operators can maneuver in urban jobsites with confidence.*
- A simple, field-proven pipe-loading system.
- Two, seven-inch LED screens for better insight into all machine functions.
- A real-time carriage-position indicator giving operators insights into exact carriage position for more productivity.
- Radial operator control (ROC) for improved control and efficiency.

JT24 HORIZONTAL DRILL

OPERATION	U.S.	METRIC
Spindle speed, max	225 rpm	225 rpm
Spindle torque, max	3,000 ft·lb	4,076 N·m
Carriage thrust travel speed	210 fpm	64 m/min
Carriage pullback travel speed	216 fpm	66 m/min
Thrust force	24,000 lb	107 kN
Pullback force	24,000 lb	107 kN
Ground travel speed		
Forward	2.8 mph	4.5 km/h
Reverse	2.8 mph	4.5 km/h
POWER		
Engine	Cummins® F3.8	
Fuel	Diesel	
Cooling medium	Liquid	
Injection	Direct	
Aspiration	Turbocharged & cha	rge air cooled
Number of cylinders	4	
Displacement	231.89 in ³	3.8 L
Bore	4.02 in	102 mm
Stroke	4.53 in	115 mm
Gross horsepower Tier 3/Tier 4	101 hp	
Rated speed Tier 3/Tier 4	2,200 rpm	
Emissons compliance Tier 3	EPA Tier 3	EU Stage IIIA
Emissions compliance Tier 4	EPA Tier 4	EU Stage V
DIMENSIONS		
Transport length	224.5 in	5.7 m
Width	65.25 in	1.66 m
	00.20	
Transport height	83 in	2.11 m
Transport height Weight		2.11 m 6736 kg
	83 in	
Weight	83 in 14,850 lb	6736 kg

ORILLING FLUID SYSTEM ONBOARD)	U.S.	METRIC
Pressure, max	1,200 psi	83 bar
Flow, max	40 gpm	1 51 L/min
LUID CAPACITIES		
Fuel tank	32 gal	121 L
Engine lubrication oil w/filter	15.4 qt	14.6 L
Hydraulic reservoir	18.75 gal	71 L
Engine cooling system	20 qt	18.9 L
Antifreeze tank	5 gal	18.9 L
Diesel exhaust fluid tank	5 gal	18.9 L
POWER PIPE® HD		
Length	120 in	3.05 m
Joint diameter	2.625 in	66.7 mm
Pipe diameter	2.25 in	57.15 mm
Bend radius, min	117 ft	35.66 m
Weight of drill pipe, lined	72.5 lb	32.89 kg
Weight of lined drill pipe & large box (40 pipe)	3,555 lb	1612.5 kg
Weight of lined drill pipe & small box (28 pipe)	2,675 lb	1213 kg
POWER PIPE FORGED		
Length	120 in	3.05 m
Joint diameter	2.63 in	66.7 mm
Pipe diameter	2.375 in	63.5 mm
Bend radius, min	123 ft	35 m
Weight per drill pipe	74 lb	33.5 kg
Weight w/drill pipe & large box (40 pipe)	3,635 lb	1649 kg
Weight w/drill pipe & small box (28 pipe)	2,720 lb	1234 kg
BATTERY (2 USED)		
SAE reserve capacity rating	110 min	
SAE cold crank rating @ 0°F (-18°C)	800 amps	
IOISE LEVEL		
Operator sound	83 dBA	
Exterior sound power	101 dBA	

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.

*Stability claim based on lab test of competitive equipment





THE DITCH WITCH® HDD SYSTEM INCLUDES:



HDD TOOLING

For your directional drill, we offer a complete line of genuine Ditch Witch drill bits, HD backreamers, drill pipe, and beacon housings, the most reliable and durable in the horizontal directional drilling industry.



MUD MIXERS

Ditch Witch fluid-management systems include the innovative FM5X or FM13X, a fluid-mixing system that features a pump that lubricates itself during mixing and works so efficiently that it delivers 20 percent more fluid than other models.



VACUUM EXCAVATORS

Featuring an innovative, low-profile design that doesn't sacrifice power or ground clearance, our hydro excavation line of vacs delivers unrivaled versatility and performance.



TRAINING

Your Ditch Witch HDD system comes with more than just equipment. It comes with the training to keep your crews confident and efficient, with courses online, in-the-classroom and even on-the-job from certified industry pros.

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