



**DITCH WITCH®**

# JT922 DIRECTIONAL DRILL

If the JT922 looks familiar, it should—because you asked for it. This little dynamo combines the simplicity and easy operation of smaller drills with advanced features other drills its size only dream of—like a heavy-duty anchor system, open-top vise wrenches, and an integrated remote display. And it all comes in a affordable little package that's easy to own and easy to haul.



## KEY FEATURES

Shortest drill in its class for easy setup in tight spaces.

Operator is positioned near the center of the pipe rack for easy pipe handling; seat slides fore and aft so pipe is easy to reach.

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

Carriage travels a best-in-class 188 fpm (57 m/min), for faster cycle times and more pipe in the ground.

## DETAILS

Holds 300 ft (90 m) of pipe on board—double that of the competition—so you can finish virtually any job.

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

Small jobsites demand maneuverability, and the JT922 is easy to mobile, easy to turn, and rides on turf-friendly tracks for less surface disturbance.

The JT922 is easy to maintain, with no grease zerks and all regular service points located under an easy-to-remove side panel.

High-performance 54-hp (40 kW) Deutz diesel engine is air-cooled and quiet for easy maintenance and longer operation.

Includes features usually seen only on larger drills, like a heavy-duty anchor system and integrated remote tracking display.

# SPECIFICATIONS

# JT922

## DIMENSIONS

OVERALL MACHINE LENGTH  
OVERALL MACHINE WIDTH  
OVERALL MACHINE HEIGHT  
OPERATING WEIGHT (WATER TANK FULL,  
50 DRILL PIPES)  
ENTRY ANGLE  
ANGLE OF APPROACH  
ANGLE OF DEPARTURE

U.S.	METRIC
146 IN	3.7 M
48 IN	1.22 M
74 IN	1.88 M
7100 LB	3221 KG
10-14°	10-14°
18°	18°
TBD	TBD

## POWER PIPE

LENGTH OF DRILL PIPE, NOMINAL  
DIAMETER OF DRILL PIPE TOOL JOINT END  
DIAMETER OF DRILL PIPE  
MINIMUM BEND RADIUS  
WEIGHT OF DRILL PIPE (LINED)

72 IN	1.83 M
2 IN	51 MM
1.58 IN	40 MM
105 FT	32 M
29 LB	13 KG

## OPERATIONAL

MAXIMUM SPINDLE SPEED  
MAXIMUM SPINDLE TORQUE  
CARRIAGE THRUST TRAVEL SPEED  
CARRIAGE PULLBACK TRAVEL SPEED  
THRUST FORCE  
PULLBACK FORCE  
BORE DIAMETER  
BACKREAM DIAMETER  
GROUND TRAVEL SPEED (FORWARD)  
GROUND TRAVEL SPEED (REVERSE)

186 RPM	186 RPM
1100 FT•LB	1491 N•M
188 FPM	57 M/MIN
188 FPM	57 M/MIN
9000 LB	40 KN
9000 LB	40 KN
3 IN	76 MM
SOIL DEPENDENT	SOIL DEPENDENT
TBD	TBD
TBD	TBD

## POWER

ENGINE  
FUEL  
COOLING MEDIUM  
INJECTION  
ASPIRATION  
NUMBER OF CYLINDERS  
DISPLACEMENT  
BORE  
STROKE  
MANUFACTURER'S GROSS POWER RATING  
RATED SPEED

DEUTZ F4L2011	
DIESEL	
INTEGRATED OIL	
DIRECT	
NATURAL	
4	
189 CU IN	3.1 L
3.7 IN	94 MM
4.4 IN	112 MM
53.5 HP	37.3 KW
2300 RPM	2300 RPM

## DRILLING FLUID SYSTEM

MAXIMUM DRILLING FLUID PRESSURE  
MAXIMUM DRILLING FLUID FLOW  
FLUID TANK CAPACITY

750 PSI	52 BAR
9 GPM	34 L/MIN
40 GAL	151 L

## FLUID CAPACITIES

FUEL TANK  
HYDRAULIC RESERVOIR

19 GAL	72 L
18 GAL	68 L

## BATTERY

SAE RESERVE CAPACITY RATING  
SAE COLD CRANK RATING @ 0°F (-18°C)

165 MIN	165 MIN
875 AMPS	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.