

# TERRA-JET DJ 40

## Technical Specification

	METRIC	IMPERIAL (U.S.)
<b>OPERATION</b>		
Thrust/Pullback force	181 kN (18 t)	40,000 lbs
Spindle torque, max.	8.000 Nm	5,900 ft.lbs
Spindle speed, max.	255 rpm	255 rpm
Carriage travel speed, max.	44 m/min	145 ft/min
Bore diameter, min.	140 – 170 mm	5,5" – 6,7"
Ground travel speed	3.2 km/h	2.3 miles/h
<b>POWER</b>		
Engine	Perkins-1204J	Perkins-1204J
Gross horsepower (Tier 4 final)	139 kW	189 HP
Fuel type	Diesel	Diesel
Engine rpm, max.	1.800 rpm	1,800 rpm
<b>DRILLING FLUID SYSTEM (onboard)</b>		
Drilling fluid volume, max.	510 l/min	135 gpm
Drilling fluid pressure, max.	60 bar	870 psi
<b>DRILL PIPE</b>		
Drill rod, length	4.57 m	15 ft
Drill rod, diameter	ø 79/67 mm	ø 3.1"/2.6"
Bend radius, min.	44 m	145 ft
Onboard capacity	230 m	755 ft
<b>DIMENSIONS</b>		
Dimension L x W x H (transportation position)	8.2 x 2.2 x 2.8 m	26.0 x 7.2 x 6.5 ft
Drill rack entry angle	11 - 22°	19 - 40 %
Weight (incl. 50x drill rods)	17 t	37,500 lbs
Weight (w/o drill rods)	14 t	30,800 lbs
<b>NOISE LEVEL</b>		
Operator sound	75 dB (A)	75 dB (A)
Exterior sound power	104 dB (A)	104 dB (A)

\* All data depending on ground conditions. Technical Data may change without prior notice.

## TERRA – always one drill ahead!



### PREMIUM DRILLING TOOLS

High quality drilling tools and reamers are available for all ground conditions. They are designed and produced inhouse at TERRA to maintain peak performance.



### DCI LOCATING EQUIPMENT

TERRA is an official dealer of DCI. With the new Falcon system even challenging ground conditions with high interferences can be successfully done.



### MIXING SYSTEMS

The mixing systems from TERRA allow a fast and efficient mixing of the drilling volume. They are quiet, easy to handle and offer a high capacity of your drilling volume.



### CUSTOMER SERVICE

Satisfied clients worldwide and a great customer service are the result of our constant progress. The TERRA-JET Directional Drill is a must have for every contractor!