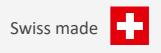


Horizontal Directional Drill TERRA-JET DJ 23





101 HP STRONG DEUTZ DIESEL ENGINE

TERRA-JET DJ 23 is the next generation horizontal directional drill, designed by TERRA to offer enhanced productivity and durability. TERRA-JET DJ 23 is a horizontal directional drill unit designed for the most challenging projects. Powered by a DEUTZ Diesel engine with 101 HP (Tier 4 final), this drill offers up to 11 tons of thrust and pullback force,3.050 Nm of torque and a maximum spindle speed of 284 rpm.



The TERRA-JET DJ 23 is a powerhouse of productivity and sustainability. Its compact size takes up minimal space in the jobsite, while its noise reduction technology provides an awesome operating experience - especially useful for urban applications with quick set up time.

SERVICE FRIENDLY DESIGN

TERRA-JET machines are designed with high quality components with ease of serviceability in mind. The cover can be opened wide for fast maintenance, making them a perfect choice to lower downtime costs while still maximizing performance.















TERRA has developed a patented oscillating drill ramp for the DJ 23. It has two rotation points with two separate cylinders. With this unique system, the drill ramp can achieve a drilling angle from **19** % **up to 40** % (11° - 22°). The rubber crawler stays firm on the ground up to a gradient of 36%.



DRIVE REMOTE CONTROL

With the DJ 23, you can make drilling a breeze. The drill comes with an innovative remote drive control that allows operation while standing both beside and behind it - liberating your movement so you can focus on getting even more done.

TERRA-JET DJ 23

Technical Specifications

	METRIC	IMPERIAL (U.S.)
Thrust force	110 kN (11 t)	23.000 lbs
Pullback force	110 kN (11 t)	23.000 lbs
Diesel engine DEUTZ (Tier 4 final)	75 kW	101 HP
Spindle torque, max.	3'100 Nm	2.300 ft.lbs
Spindle speed, max.	284 rpm	284 rpm
Drilling fluid volume, max.	185 l/min	50 gpm
Drilling fluid pressure, max.	80 bar	1.160 psi
Carriage thrust travel speed, quick gear	43 m/min	141 ft/min
Carriage thrust travel speed, at full load	10 m/min	33 ft/min
Carriage pullback travel speed, quick gear	43 m/min	141 ft/min
Carriage pullback travel speed, at full load	10 m/min	33 ft/min
ø pilot bore	60 – 110 mm	2,5" - 4"
Minimum inclination of the drill ramp	11° (19 %)**	11° (19 %)**
Maximum inclination of the drill ramp	22° (40 %)**	22° (40 %)**
Backreamer diameter, max. *	420 mm	17"
Maximum drilling length *	150 m	500 ft
Drill rods, length	3.05 m	10 ft
Drill rods, diameter	ø 60/54 mm	ø 2,4"/2,1"
Bending radius, min.	34 m	110 ft
Driving speed	3.3 km/h	2.3 miles/h
Operator sound pressure	79 dB (A)	79 dB (A)
Exterior sound power	104 dB (A)	104 dB (A)
Dimensions L x W x H (driving position)	5.92 x 1.80 x 2.63 m	19,4 x 5,9 x 8,6 ft
Dimension L x W x H (transportation position)	6.10 x 1.80 x 2.53 m	20,0 x 5,9 x 8,3 ft
Dimension L x W x H (drilling position)	6.07 x 2.20 x 2.53 m	19,9 x 7,2 x 8,3 ft
Weight including cabin, rear blade and 52 drill rods	8'529 kg	18.800 lbs
Weight including cabin and rear blade, without drill rods	7'125 kg	15.700 lbs

^{*} 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!

^{**} At 11-20° (19-36%) the crawler always remains on the ground.