



SPECIFICATION	METRIC	IMPERIAL
Depth capacity* - coring (N)	1180 m	3871 ft
Depth capacity - RC (4")	252 m	827 ft
Rotation unit	Top drive, direct coupled to drill rod/pipe, heavy-duty	
Maximum torque	7727 Nm	5700 lbf ft
Maximum rpm	1500 rpm	
Feed force	50 kN (5,1 t)	11 250 lbf
Pull force	88,3 kN (9 t)	19 850 lbf
Main winch (pull capacity)	82 kN (8,4 t)	18 477 lbf
Feed length (stroke)	7 m	23 ft
Power unit - diesel (EU stage III CARB/EPA Tier 3 emissions rating)	141 kW	190 hp

DE811 MULTI-PURPOSE DRILL

The most recent addition to Sandvik's range of multi-purpose exploration drill rigs, the DE811, features the latest in innovative design, increasing both productivity and safety. It offers improved hole depth, better fuel usage via electronically controlled engine and improved operator/maintenance ergonomics.

LATEST GENERATION SAFETY FEATURES

Electronic control system on boom, allows operator to operate using a range of positions, up to 3 m (10 ft) away from current position. The innovative height adjustable control console on boom allows operations combined on joysticks to make drilling/rod handling operations easier and safer and provides better ergonomics. Other safety features incorporated in the design are:

- Control system with interlocks
- Open and easily accessible design
- Full lengths walkways (left or right)

- Main winch travel limiter (electronic)
- Rod spin guard
- Semi-automated MAKORBREAK break-out tool
- Rod fall protection
- Rod whip guard

NEW HIGH TORQUE ROTATION UNIT

A new high torque top head drive rotation unit is featured on the DE811 with a maximum torque of 7727 Nm (5700 lbf ft) and runs up to 1500 rpm.

THE LATEST EFFICIENCY

Electronically controlled engine reduces fuel consumption and emissions. Sophisticated microfeed system provides fine feed control over a wide range (25 mm/min to 4 m/min). The system is inherently self-adjusting helping to keep the bit pressure constant, optimizing penetration and bit life.