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NORTH AMERICAN SALES & TECHNICAL DATA SHEET

D800

Down-the-Hole Drill Rig

A DTH drill for quarry and mining programs requiring holes up to 203 mm, pairing a 30 bar air system with ERD65 rotation and an enclosed cab. Specifications below follow the D800 OEM manual.

TYPICAL APPLICATIONS **Quarry production | Mining | Construction and surface development**

BDNA QUOTE BASIS | D800 OEM REFERENCE CONFIGURATION

OEM model photograph; equipment may vary

HOLE DIAMETER	HOLE DEPTH	MAX. AIR PRESSURE	FREE AIR DELIVERY
115-203 mm (4.5-8 in)	**Up to 55 m (180 ft)***	**30 bar (435 psi)**	**28.3 m³/min (999 cfm)**

FEATURES THAT SUPPORT THE JOB

30 bar DTH air system
999 cfm published air delivery supports the 4, 5 and 6 in DTH hammer package.

8+1 tube magazine
Published depth up to 55 m with the matched tube package; larger tubes reduce depth.

Enclosed operator station
ROPS/FOPS cab with air conditioning and heating, as listed in the OEM reference.

BACKED BY BDNA **Parts | Service | Training | Commissioning**

CONFIGURE AND QUOTE WITH BDNA
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TECHNICAL SPECIFICATION | OEM REFERENCE CONFIGURATION

DRILLING PERFORMANCE	
Hole diameter	**115-203 mm (4.5-8 in)**
Hole depth*	**55 m / 31.5 m (180 / 103 ft)**
Hammer / tube length	**4 / 5 / 6 in | 6 / 5 / 4 m tubes**
Tube magazine	**8+1 (confirm quoted package)**
ENGINE & COMPRESSOR	
Engine / emissions	**CAT C15, Tier 3 (reference)**
Rated output	**540 hp @ 1,800 rpm (published)**
Free air delivery	**28.3 m³/min (999 cfm)**
Air pressure	**30 bar max. (435 psi)**
ROTARY HEAD	
Model / motor	**ERD65 / 250 cc reference**
Max. torque / speed	**5,714 Nm / 53 rpm**

DIMENSIONS & TRANSPORT	
Published weight	**26,500 kg (58,422 lb)**
Overall / transport ht.	**3,950 / 3,500 mm (13.0 / 11.5 ft)**
Overall length	**11,000 mm (36.1 ft)**
Transport width	**2,500 mm (8.2 ft)**
Tramming speed	**3.5 km/h (2.2 mph)**
Ground clearance	**450 mm (17.7 in)**
Track oscillation	**18° total (F 9° / R 9°)**
Climbing angle	**30°**
OPERATOR & SAFETY	
Operator protection	**ROPS/FOPS (manual reference)**
Operator station	**Enclosed cab with HVAC**
Operator control	**Confirm quoted control package**

BOOM & FEED			
Boom	**Fixed boom | 1,920 mm (6.3 ft)**	Swing / feed extension	**L 10° / R 20° | 1,300 mm (4.3 ft)**

REFERENCE STANDARD EQUIPMENT	AVAILABLE OPTIONS	CONFIGURATION QUALIFICATIONS
HVAC | Pre-cleaner | Auto lubrication | Backup alarm | Tube handling system	**Water mist | Rear camera | Winch | Beacon | Confirm quotation**	**OEM reference, not build approval | Engine, tooling, options and transport require order confirmation**

ORDER CONTROL *Reference: D800 OEM manual Rev004. *55 m with 3.5-4.5 in tubes; 31.5 m with 5-5.5 in tubes. Motor selection changes torque/speed. Reference engine is not confirmation of North American emissions eligibility. Final equipment, transport and services follow the BDNA quotation, OEM build sheet and order confirmation. Specifications may change.*