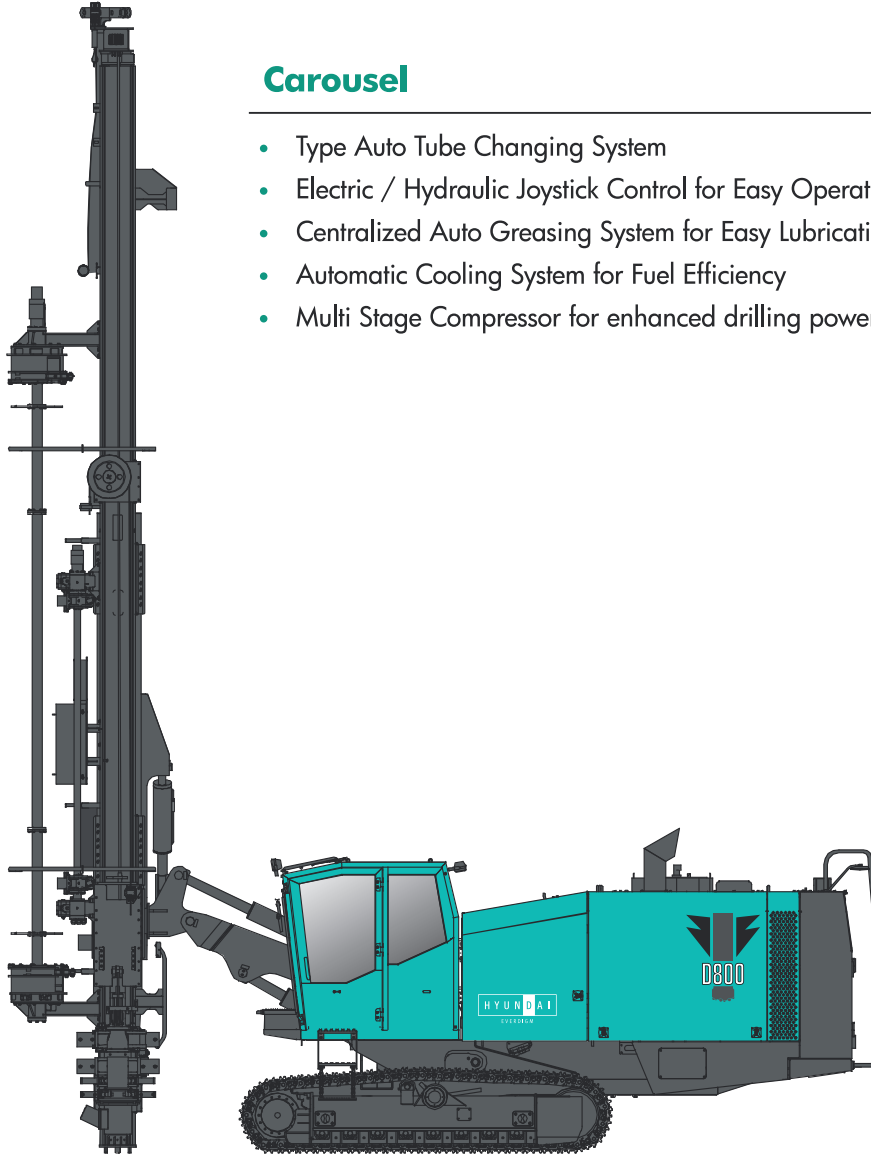


D800

Down-the-Hole drill rigs



Carousel

- Type Auto Tube Changing System
- Electric / Hydraulic Joystick Control for Easy Operation
- Centralized Auto Greasing System for Easy Lubrication
- Automatic Cooling System for Fuel Efficiency
- Multi Stage Compressor for enhanced drilling power

Main Specifications

Hole Diameter Range	4.5" - 8" (115 - 203 mm)
DTH Hammer Range	4", 5", 6" (102, 127, 152 mm)
Drill Tube Diameters	3.5", 4", 4.5" (89, 102, 115 mm)
Drill Tube Length	13', 16', 20' (4, 5, 6 m)
Max. Hole Depth	180' (55 m)
Engine Output	403 kw (540 hp) / 1,800 rpm
Air Delivery	1,000 cfm (28 m ³ /min)
Air Pressure	Two Stages Screw Type, 30 bar
Transport Weight	55,336 lbs (25,100 kg)
Transport Width	9.84' (3,000mm)

Specifications



Engine	
Model	Caterpillar C15, Tier 3
Rated Output	403 kw (540 hp) at 1,800 rpm
Fuel Tank Capacity	277 gal (1,050 liter)

Hole Range	
Hammer Size	4", 5", 6"
Hole Depth	180' (55 m)
Hole Size	4.5" - 8" (115 - 203 mm)

Feed	
Max. Feed rate	217 ft/min (0.9 m/s)
Max. Hoisting	11,240 lbf (50 kN)
Max. Pulldown	8,992 lbf (40 kN)
Total Length	35.4' (10,800 mm)
Travel Length	24.8' (7,570 mm)
Feed Extension	4.3' (1,300 mm)

Compressor	
Model	CF1000H (GHH land)
Type	Two Stage Screw Type
Working Pressure Max.	30 bar
FAD at 1800 rpm Max. working pressure	1,000 cfm (28.3 m ³ /min)

Rotary Head	
Model	ERD65 (by EVERDIGM)
Max RPM	53 rpm
Max Torque	5,700 Nm

Boom	
Type	One Stage Boom
Length	6.3' (1,920 mm)
Swing Angle	L110° / R20°

Carousel	
Capacity, Standard	8+1
Max. Drill Tube Diameter	4.5" (140 mm)
Min. Drill Tube Diameter	3.5" (89 mm)
Drill Tube Length	20' (6 m)

Electrical System		
Voltage	24V	
Batteries	2 x 12 V, 200 Ah	
Alternator	24 V, 95 A	
Working Lights	Front	4 x 24 W
	Rear	3 x 24 W
	Working Lights, Feed	1 x 24 W

Dimensions	
Weight	55,336 lbs (25,100 kg)
Overall Height	12.8' (3,900 mm)
Overall Length	37'5" (11,300 mm)
Transportation Height	11.5' (3,500 mm)
Transportation Width	9.84' (3,500 mm)
Overall Width	9.9' (3,020 mm)

Tramming	
Tramming Speed	2.17 mph (3.5 km/hr)
Grade Ability	30°
Track Oscillation (Independent)	18° (F 9° / R 9°)
Ground Clearance	1.5' (450 mm)
Max. Traction Force	140 kN

Dust Collector	
Suction Capacity	2,472 cfm (70 m ³ /min)
Number of Filters	18
Extraction Methods	Auto air pulse jet
Max. Cleaning Air Pressure	8 bar
Pre-cleaner	Standard

Hydraulic System	
Variable Discharge	Axial Piston Pump (Load Sensing) x 1
Fixed Discharge	Gear Pump x 5
Hydraulic Oil Tank Capacity	98 gal (370 liter)
Hydraulic Oil Cooler	Proportional System
Filtration Rate	10 μm absolute

Cabin	
Air Conditioner, Heater	
ROPS and FOPS Approved	
Electric / Hydraulic Joy Stick Control	

Selection of Optional Equipment	
Water Misting System	
Hydraulic Winch System	
Electrical Pre-heating System	
Electric Refueling Pump	
Rear View Camera	
Cabin Safety Guard	
Rotating Beacon	
Start Motor Shut Down Switch	
Rear Jack Cylinder	
Manual Pump for Filling Hydraulic Oil	

SALES & MARKETING

Room#1203, WodimLion's Valley2,
2 Gosan digital 1-ro, Geumcheon-gu, Seoul, Korea
Tel +82-2-801-0856 Fax +82-2-801-0899
Email drill@everdigm.com

HEAD OFFICE & FACTORY

49, Buyeong-gil, Jincheon-eup, Jincheon-gun,
Chungcheongbuk-do, Korea
Tel +82-43-530-3300 Fax +82-43-530-3429