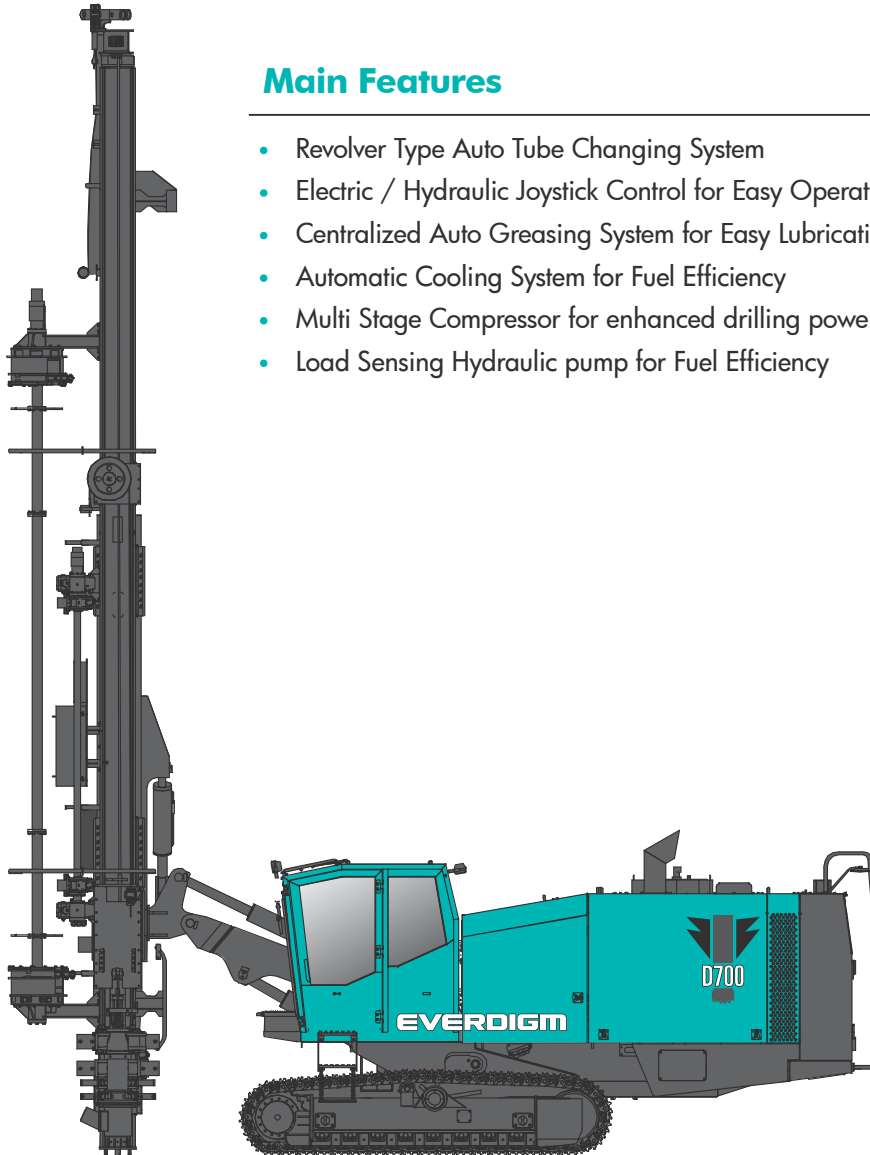


# D700

## Down-the-Hole drill rigs



### Main Features

- Revolver 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
- Load Sensing Hydraulic pump for Fuel Efficiency

#### Main Specifications

Hole Diameter Range	4.5" - 7" (115 - 178 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	328 kw (440 hp) / 1,800 rpm
Air Delivery	883 cfm (25 m <sup>3</sup> /min)
Air Pressure	Two Stages Screw Type, 25 bar
Transport Weight	54,013 lbs (24,500 kg)
Transport Width	8.2' (2,500mm)

# Specifications

Engine		
Model	Caterpillar C13, Tier 3	
Rated Output	328 kw (440 hp) at 1,800 rpm	
Fuel Tank Capacity	206 gal (780 liter)	
Hole Range		
Hammer Size	4", 5", 6" (102, 127, 152 mm)	
Hole Depth	180' (55 m)	
Hole Size	4.5" - 6.5" (115 - 165 mm)	
Feed		
Max. Feed rate	217 ft/min (1.1 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	HR2.5 (GHH land)	
Type	Two Stage Screw Type	
Working Pressure Max.	25 bar	
FAD at 1800 rpm Max. working pressure	883 cfm (25 m <sup>3</sup> /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, 150 Ah	
Alternator	24 V, 80 A	
Working Lights	Front	4 x 24 W
	Rear	3 x 24 W
	Working Lights, Feed	1 x 24 W

Dimensions	
Weight	54,013 lbs (24,500 kg)
Overall Height	12.8' (3,900 mm)
Overall Length	36' (11,000 mm)
Transportation Height	11.5' (3,500 mm)
Transportation Width	8.2' (2,500 mm)
Overall Width	9.9' (3,020 mm)
Tramming	
Tramming Speed	2.4 mph (3.8 km/hr)
Grade Ability	30°
Track Oscillation (Independent)	20° (F 10° / R 10°)
Ground Clearance	1.5' (450 mm)
Max. Traction Force	140 kN
Dust Collector	
Suction Capacity	2,472 cfm (70 m <sup>3</sup> /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	
Manual Pump for Filling Hydraulic Oil	

## SALES & MARKETING

Room#1203, WoolimLion's Valley2,  
2 Gasan digital 1-ro, Geumcheon-gu, Seoul, Korea  
Tel +82-2-801-0856 Fax +82-2-801-0899  
Email [drill@everdigm.com](mailto: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