

Build the Future



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Build the Future



DOWN THE HOLE DRILL RIGS
D SERIES

www.hyundaieverdigm.com

DOWN THE HOLE DRILL RIGS D SERIES

HYUNDAI EVERDIGM Top-hammer drill rigs provide supreme advantage at diversified mining and quarry sites.

Great versatility

Operator safety and ergonomics contributes to our drill rigs high long-term value. Simple and rugged, EVERDIGM also offers features such as angular and depth measurement, rotation and direction finder, all tailored to the customers specific requirements.

From its very beginning, the line was never about just selling a machine that drills holes. It was always about the customer's profitability and machines that added value efficiently. We have engineered drill rigs with more operator comfort, fuel efficiency, and ease of maintenance in mind.

Main application

- Open-pit mining - Quarries - Construction



Improved quality

- Productivity and dependability
- Powerful rotation unit and engine
- Serviceability and longevity
- ROPS/FOPS approved cabin in accordance with mining safety requirements
- Spacious and well designed cabin for more comfortable operation
- Durability with heavy duty parts
- Easy maintenance and fuel efficiency
- Developing Product Life cycle Management(PLM) system based on 3D design
- Constructing product reliability by utilizing structural analysis and finite elements method programs such as ANSYS and midas NFX



Support & Committed service

- Customized education program
- Fast response and customer oriented attitude
- Giving practical solution working with major components company
- Professional technicians and engineers with foreign language and drilling terminology



World wide network

- EVERDIGM has wide network of professional service technicians spread in every corner of the world
- They are only a local phone call away, when you need help.

DOWN THE HOLE DRILL RIGS D SERIES



Hydraulic rotation unit
ERD65
- Max RPM 53 RPM, Max Torque 5,700 Nm



Feed system
Feed cylinder + Rope system
- Feed force, max 8,992 lbf (40 kN)
- Tractive pull, max 11,240 lbf (50 kN)



Centralized auto greasing system for easy lubrication



Track oscillation system
Independent oscillation
- Angle 20° (F10° / 10°)
- Easy movement on rugged ground condition



Cabin
- Easy joy-stick control
- Hydraulic and electronic combine
- Spacious and well designed cabin for more comfortable operation
- Air-conditioning and heater as standard
- ROPs and FOPs approved cabin
- Noticeable monitoring system



Engine & Air compressor
- CAT C15 Tier3 Engine Installed
- Pump-Engine-Comp. Direct mounting
-> Minimize loss of engine power
- Compressor : GHH (Germany)



Monitoring system
- Engine condition monitoring
- Compressor condition monitoring
- Drilling pressures display
- Failure log recording, Mast X-Y angle



Rear stabilizer
To support machine for better straightness of drilling hole and maintenance



Drilling depth & Angle indicator
Efficient drilling support



Water misting system
Prevent hole crumbling and bit jamming during drilling



Hydraulic winch
Handling and lifting tube for installing and removing from ARC



Electric pre-heating system
Engine start below -50°C temperature
Engine coolant hiting system by diesel fuel
Webasto installed



Rear view camera
To check an object on the rear side for safety



Safety guard
Protecting cabin glass from relatively bigger flying object



Start motor shut down switch
To cut electric line completely for parts safety during maintenance

DOWN THE HOLE DRILL RIGS

D SERIES

D700

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	
Hole size	4.5" - 7.0" (115 - 178 mm)
Hammer size	4", 5", 6" (102, 127, 152 mm)
Hole depth	180' (55 m)

Feed	
Max. feed rate	217 ft/min (1.1 m/s)
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 rand)
Type	Two stage screw type
Working pressure max	25 bar
FAD at 1800 rpm Max. working pressure	883 cfm (25 m³/min)

Rotary head	
Model	ERD65 (by EVERDIGM)
Max rpm	53 rpm
Max torque	5,700 Nm

Auto Rod Changer	
Capacity, standard	8+1
Max. drill tube diameter	4.5" (115 mm)
Min. drill tube diameter	3.5" (89 mm)
Drill tube length	20' (6 m)

Dust collector	
Suction capacity	2,472 cfm (70 m³/min)
Number of filters	18
Extraction methods	Auto air pulse jet
Max. cleaning air pressure	8 bar
Pre-cleaner	Standard

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)

Selection of optional equipment		
Drilling depth & Angle indicator	Electric pre-heating system	Cabin safety guard
Water misting system	Electric refueling pump	Start motor shut down switch
Hydraulic winch system	Rear view camera	Rotating beacon

D800

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	
Hole size	4.5" - 8" (115 - 203 mm)
Hammer size	4", 5", 6" (102, 127, 152 mm)
Hole depth	103' 180' (31.5, 55 m)

Feed	
Max. feed rate	217 ft/min (1.1 m/s)
Total length	35.4' (10,800 mm)
Travel length	24.8' (7,570 mm)
Feed extension	4.3' (1,300 mm)

Compressor	
Model	CF1000G (GHH land)
Type	Two stage screw type
Working pressure max	30 bar
FAD at 1800 rpm Max. working pressure	1,000cfm (28.3 m³/min)

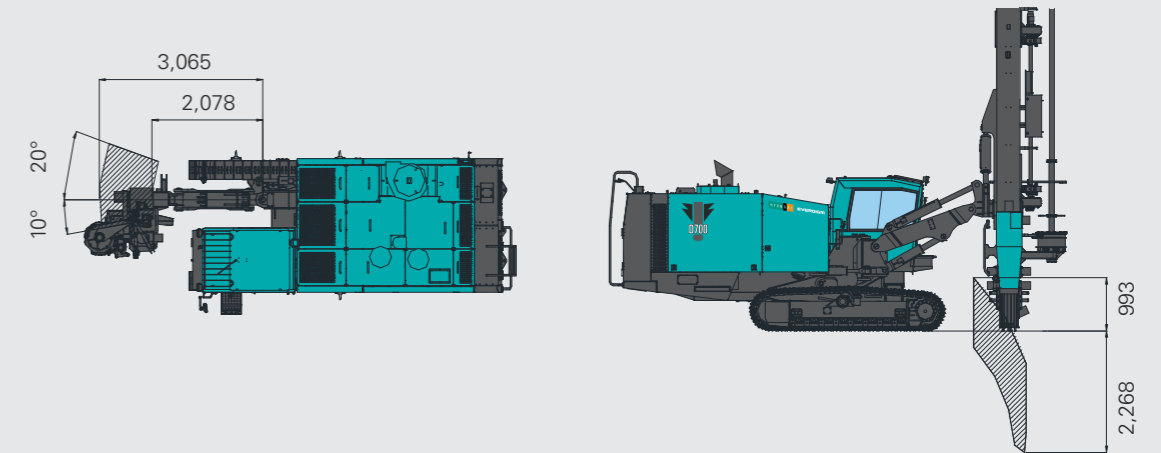
Rotary head	
Model	ERD65 (by EVERDIGM)
Max rpm	53 rpm
Max torque	5,700 Nm

Auto Rod Changer	
Capacity, standard	8+1
Max. drill tube diameter	5.5" (40 mm)
Min. drill tube diameter	5" (121 mm)
Drill tube length	20' (6 m)

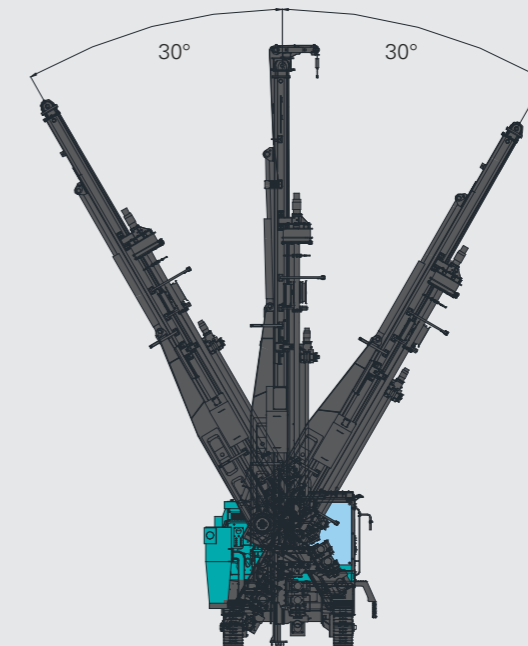
Dust collector	
Suction capacity	2,472 cfm (70 m³/min)
Number of filters	18
Extraction methods	Auto air pulse jet
Max. cleaning air pressure	8 bar
Pre-cleaner	Standard

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' (3,000 mm)
Overall width	9.9' (3,020 mm)

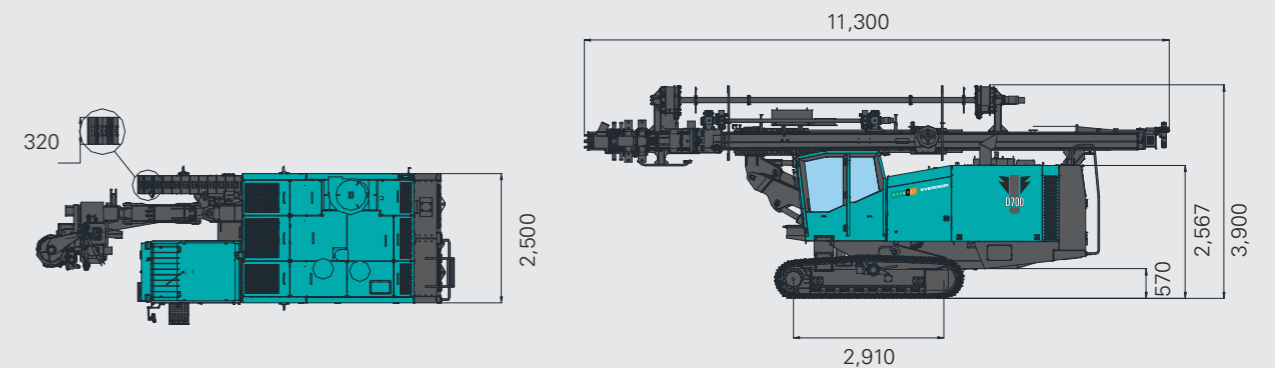
Coverage areas(mm)



Feed swing angles



Dimensions(mm)



* Specifications contained in this catalog may be changed without prior notice for improvement of quality and performance.