

Build the Future

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Head office & Factory

49, Buyeong-gil, Jincheon-eup, jincheon-gun, Chungcheongbuk-do, Korea

Tel +82-43-530-3300
Fax +82-43-530-3426

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
Drill@everdigm.com



TOP-HAMMER DRILL RIGS
E-SERIES

TOP-HAMMER DRILL RIGS E-SERIES

Turning your job into more value!

Hyundai Everdigm Crawler Drill provides the best drilling performance in any condition with its powerful drifter as well as optimized design. It also provides a pleasant working condition environment with ROPs/FOPs certified cabin and user friendly control system. Hyundai Everdigm continues to develop its top hammer drill rigs based on the end-users requirements, keeping the focus on dependability and productivity.

Versatility

Operator safety and ergonomics contributes to our drill rigs' high long-term value. Simple and rugged, Hyundai 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 economy, and ease of maintenance in mind.

Serviceability and longevity

One of the greatest factors for customers is to have the least amount of downtime and to achieve this we have designed heavy duty parts, especially for harsh working conditions. All hydraulic hoses are also heavy duty. The engine compartments boast big spaces, which makes for easy maintenance and all filters are located at easy reachable position for daily check-ups. The attention to detail leads to smoother drilling, directly contributing to increased productivity, as well as machine longevity.

1. Advanced design

Based on advanced and optimized design, Hyundai Everdigm Crawler Drill boasts safety and convenience as well as simple and rapid maintenance of major parts.

2. Centralized valve



Provides fuel economy improvement and power loss and ease of maintenance.

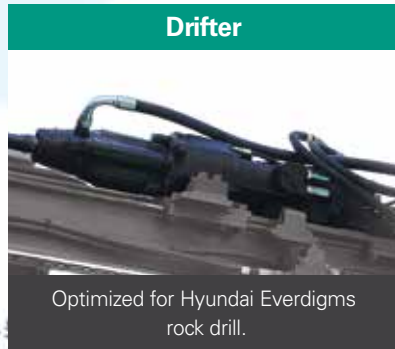
3. Customer satisfaction service



- Establishment of customized education programs and wide service network.
- Quick response and customer-oriented attitude.
- Putting professional engineer in place with practical solutions.



TOP-HAMMER DRILL RIGS E-SERIES



Drifter

Optimized for Hyundai Everdigs rock drill.



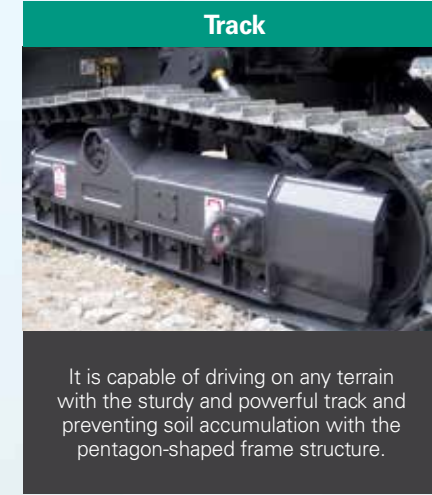
ERGONOMIC DESIGN

Improved equipment operability and monitoring by optimizing the location of main operating system such as drilling, posture control, and joy stick controls



Air-free cleaner

Reduction of consumable costs by applying a high-quality air-free cleaner through the enhanced filter replacement cycle and improved maintenance through automatic discharging of foreign substances.



Track

It is capable of driving on any terrain with the sturdy and powerful track and preventing soil accumulation with the pentagon-shaped frame structure.



Engine

Bonnet

Air compressor

Electric control box

Load sensing hydraulic system

Operator convenience

Economic mode

Valve Block



Applied eco-friendly STAGE V engine.



Provides wide interior space and excellent maintainability.



Delivers faster and higher productivity by producing powerful compressed air for flushing.



Realizes easy self-diagnosis and maintenance through fuse and relay check lamp.



Increasing work efficiency through optimal hydraulic flow supply



Ergonomic joystick control provides the operator with convenience and sophisticated workability



Depending on the rock, drill hole depth, etc., the optimal engine RPM selection makes it up to 15% fuel economy.



Important valve concentration makes it easy to access, and it is easy to diagnose a failure through the service port.

TOP-HAMMER DRILL RIGS

E-SERIES

Model		E400	E500
Basic Information	Weight	14,000kg / 30,864 lb	16,900kg / 37,258 lb
	Drilling range	Ø64~Ø102 (2.5"~4")	Ø75~Ø127 (3"~5")
How to operate		PILOT+ELECTRIC	PILOT+ELECTRIC
Drifter	Model	EHD185	EHD250
	Output	18 kW	25 kW
Engine	Environmental regulation	Stage V	Stage V
	Engine model	Cummins B 6.7	Cummins B 6.7
	Power	139 kW / 173 hp	194 kW / 260 hp
	Fuel Tank	480L (127b US gal)	480L (127b US gal)
Compressor	Compressor pressure	10.5 kg/cm3 (152psi)	10.5 kg/cm3 (152psi)
	Discharge rate	5.4 bar (193 cfm)	11 bar (388 cfm)
Hydraulic system	How the hydraulic system works	Load sensing	Load sensing
Oscillation angle		±11°	±11°
Boom operation	Method	Extension boom	Extension boom
	Up and down range	53° / 14°	53° / 14°
	Left and right range	40° / 30°	40° / 30°
Guide shell swing angle		90° / 25°	90° / 25°
Rod changing	Rod quantity	6+1	6+1
	Rod length	3,060mm / 10' , 3,660mm / 12'	3,660mm / 12'

* Options

Automatic grease feeding device (optional)	Safety guard (optional)	Drilling depth & angle sensor (optional)
		
Realizes easy maintenance and equipment management with periodic grease injection.	Prevents cabin damage that may be caused by debris during work.	Provides constant productivity by measuring the exact drilling angle and depth.

EHD Series (EVERDIGM Hydraulic Drifter Series)

The EHD Series (EVERDIGM Hydraulic Drifter Series) is a new EVERDIGM drifter that is stronger, faster, and more durable, which is realized based on years of experience in manufacturing breakers and drifters. With a compact and smart hydraulic system, it will reward you with better productivity and efficiency in any rock condition.

- Newly developed EHD (EVERDIGM HYDRAULIC DRIFTER) series made with HYUNDAI EVERDIGMs unique technology and experience.
- Improved drilling performance by applying RP (reverse percussion) and damping functions.
- High durability - Powerful drilling - Convenient maintenance - Reliability

ITEM	EHD185	EHD210	EHD230	EHD250
Model	E400	E500	E500	E500
Hole Diameter	~102mm / 4'	~115mm / 4'5"	~127mm / 5'	~127mm / 5'
Rod	T38 / T45	T45 / T51	T45 / T51	T45 / T51
Drifter power	18,5kW	21kW	23kW	25kW
Rotation speed	170rpm	140rpm	140rpm	130rpm
Hydraulic Damper	Standard	Standard	Standard	Standard
Reverse Percussion	Option	Option	Option	Option
Weight	236kg / 520lb	236kg / 520lb	236kg / 520lb	284kg / 626lb
Length	1284.5mm / 4'2"	1284.5mm / 4'2"	1284.5mm / 4'2"	1,438mm / 4'7"

EHD Series (EVERDIGM Hydraulic Drifter Series)

