

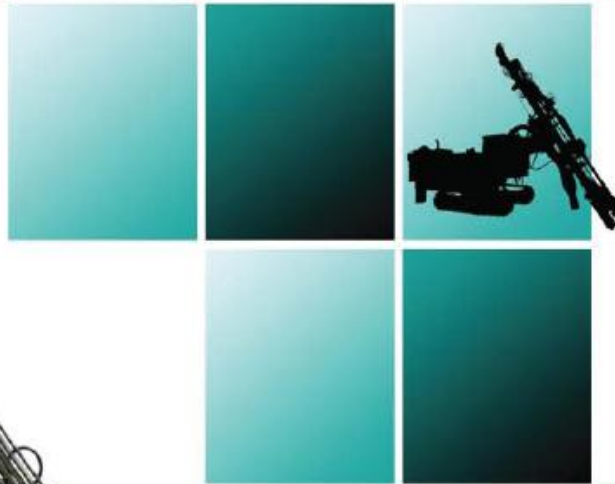
EVERDIGM

ECD Series



EVERDIGM Crawler Drill

General Catalogue



Crawler Drill Series

ECD Series
ECD35 / ECD35E



ECD35 / ECD40 Series



Engine :

ECD35 is equipped with mechanical Cummins engine that provides low fuel consumption & ECD40 is equipped with environment friendly Tier3 Caterpillar engine that has a high output.



Cabin :

Wide working view and safe and comfort operating condition are supported from new design of Cabin. Heating and air conditioning system and radio and CD player are provided as standard to make operators feel comfortable.



Track :

The track designed by excavator type gives an angle upper frame to prevent being piled up earth and sand.



Side ladders :

Equipped with the ladder to convenient move on the bonnet



Compressor :

Large capacity air compressor with high output helps to obtain an excellent boring effect and decrease bit wear as discharging dust promptly. In addition, the anti jamming system will prevent jam in advance to keep long life time.



Engine room :

Large engine room allows easy access to Electric control box & filters. Also, C6.6 electronic engine can be checked its own operation & failure right away by ECM system.



Valve Block :

Centralized valves allow easy access and equipped with pressure check port for easy maintenance.



Digital Angle Gauge(Optional):

Two models of EVERDIGM drill equipped with sensor to measure an angle inclination of 2 axes during drilling operation. Operator can check horizontal and vertical position from the monitor of the cabin.



Dust collector :

With the six built-in filters, the interval and time of pulse is controllable, and therefore the dust collecting ability has been improved.

The advanced and optimized design of EVERDIGM hydraulic crawler drill ensures safety and comfort as well as access to key components for simple and rapid maintenance. The 4 feet (1200mm) extension boom which increases drilling coverage range and productivity significantly is available for the ECD Series model. Direct connection among power units(Engine, Compressor and Pump) and centralized control valves provide increased fuel efficiency, less power loss and easy service at the same time. In addition, large capacity air compressor and high performance drifter make ECD Series one of the most productive drills in its class.

ECD Series ECD40 / ECD40E



Inside bonnet :

Large inside space allows easy access & maintenance for whole components.



Drifter :

ED-100, designed simply but intelligently, delivers high drilling performance with tremendous impact power. EHD-160 will be provided as the optional drifter. Its performance? There is no doubt. Just do experience.



4 Stage Pump :

Equipped with the 2 stage piston pump and the 2 stage gear pump, it has been improved the work performance with the sufficient flux. The engine, pump and compressor are connected directly to maximize power transmission.



Upper Bonnet :

Upper Bonnet is fabricated as high quality as same as both side of cover and holes on the upper bonnet allow emitting hot air inside of bonnet.



Pre-Cleaner :

The Pre-Cleaner lengthens the life of the filter in the dust collector by primarily intercepting the large fragments toward the dust collector.



Lubricating Device :

The large-volume lubricator oil tank is adopted, and you can easily control the volume of oil which flows to the drifter.



Boom (ECD35E & ECD40E Only) :

Equipped with the extension boom of 4 feet (1200mm) as standard, it can enlarge the working radius up to 10 degree to left side and 45 degree to right side.



Electric Control Box :

Centralized Main Control Panel allows easy maintenance. Through the transparent MCP cover, everyone can check fuse connection simply and easily.



Cooling System :

Radiator, Intercooler and Oil Cooler are assembled as all in one to make air flow smooth and the all in one system ensures convenient repair and maintenance. In addition, the large size fan helps to maximize cooling effect.



Specification

MODEL		ECD40	ECD40E
BIT&ROD	BIT DIAMETER	64mm~102mm	
	ROD SIZE	T38, T45	
	ROD LENGTH	3,050mm / 3,660mm	
DIMENSIONS	WEIGHT	13,000kg	13,700kg
	OVERALL LENGTH	9,165mm	9,305mm
	OVERALL WIDTH	2,305mm	
	OVERALL HEIGHT	2,860mm	
DRIFTER	MODEL	ED-100 / EHD-160(OPTION)	
	NUMBER OF BLOWS	2,000~2,500 bpm / 2,500~3,000 bpm(OPTION)	
	NUMBER OF REVOLUTION	0~200 rpm	
TRAMMING	GROUND CLEARANCE	555mm	
	OSCILLATION ANGLE	22° (F11° / R11°)	
	TRAVELLING	0 - 3,5 km/hr	
	GRADEABILITY	30°	
DIESEL ENGINE	MODEL	CATERPILLAR C6,6	
	RATED OUTPUT	173hp / 2,200rpm	
	FULL TANK CAPACITY	320 ℓ	
COMPRESSOR	FREE AIR DELIVERY	6 m³/min	
	AIR PRESSURE	10,5 kg/cm²	
BOOM	TYPE	FIXED BOOM	EXTENSION BOOM
	LENGTH	2,300mm	4,300mm (3,100mm+1,200mm)
	SWING ANGLE	L 10° / R 45°	
	LIFT ANGLE	UP 45° / DOWN 25°	
GUIDE SHELL	OVERALL LENGTH	7,430mm	
	SLIDE LENGTH	1,500mm	
	SWING ANGLE	L 45° / R 30°	
	TILT ANGLE	UP 35° / DOWN 145°	
	FEED LENGTH	6,168mm	
DUST COLLECTOR	SUCTION CAPACITY	24 m³/min	
	NUMBER OF FILTERS	6	
	PRE-CLEANER	STANDARD	
HYDRAULIC SYSTEM	VARIABLE DISCHARGE	AXIAL PISTON PUMP X 2	
	FIXED DISCHARGE	GEAR PUMP X 2	
ROD CHANGER	NUMBER OF RODS	5+1	
CABIN	STANDARD ACCESSORIES	AIR CONDITIONER, HEATER	



Turning your job into more value!



EVERDIGM Hydraulic Crawler Drill

More power to you

Specification

MODEL		ECD35	ECD35E
BIT&ROD	BIT DIAMETER	50mm~89mm	
	ROD SIZE	T38	
	ROD LENGTH	3,050mm	
DIMENSIONS	WEIGHT	12,500kg	12,700kg
	OVERALL LENGTH	9,165mm	
	OVERALL WIDTH	2,305mm	
	OVERALL HEIGHT	2,860mm	
DRIFTER	MODEL	ED-100	
	NUMBER OF BLOWS	2,000~2,500 bpm	
	NUMBER OF REVOLUTION	0~200 rpm	
TRAMMING	GROUND CLEARANCE	555mm	
	OSCILLATION ANGLE	22° (F1f / R1r)	
	TRAVELLING	0 - 3.5 km/hr	
	GRADEABILITY	30°	
DIESEL ENGINE	MODEL	CUMMINS 6BT5.9C	
	RATED OUTPUT	160hp / 2,200rpm	
	FULL TANK CAPACITY	250 ℓ	
COMPRESSOR	FREE AIR DELIVERY	5.4 m³/min	
	AIR PRESSURE	10.5 kg/cm²	
BOOM	TYPE	FIXED BOOM	EXTENSION BOOM
	LENGTH	2,300mm	4,300mm(3,100mm+1,200mm)
	SWING ANGLE	L 10° / R 45°	
	LIFT ANGLE	UP 45° / DOWN 35°	UP 45° / DOWN 25°
GUIDE SHELL	OVERALL LENGTH	6,823mm	
	SLIDE LENGTH	1,500mm	
	SWING ANGLE	L 45° / R 30° (L 90° / R30°: OPTION)	
	TILT ANGLE	UP 35° / DOWN 145°	
	FEED LENGTH	5,548mm	
DUST COLLECTOR	SUCTION CAPACITY	24 m³/min	
	NUMBER OF FILTERS	6	
	PRE-CLEANER	STANDARD	
HYDRAULIC SYSTEM	VARIABLE DISCHARGE	AXIAL PISTON PUMP X 2	
	FIXED DISCHARGE	GEAR PUMP X 2	
ROD CHANGER	NUMBER OF RODS	5+1	
CABIN	STANDARD ACCESSORIES	AIR CONDITIONER, HEATER	

Crawler Drill

www.everdigm.com



※ Specifications contained in the catalogue may be changed without prior notice for improvement of quality and performance.

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