

More Power to You !

EVERDIGM CORE DRILL RIG

ECR12/18



RELIABLE AND PRODUCTIVE ECR12/18 EVERDIGM CORE DRILL

In exploration job, the machine becomes your partner taking all your request 24/7.
The rig should be reliable and safe to handle rigorous conditions of the job site.
As a true core drill rig, ECR12/18 can cope with the toughest conditions.

OPERATOR CONSOLE



- Ergonomic layout
- Intuitive and user-friendly

MAST

The mast and feed frame impressively robust, using rods up to 6m in length

ROTATION UNIT



- 4 speed gear box
- Gear driven
- Robust structure

MAIN HOIST AND WIRELINE



Made to take total rod weight at maximum drilling depth.

ACOUSTIC ENCLOSURE

Lowers operating noise levels.

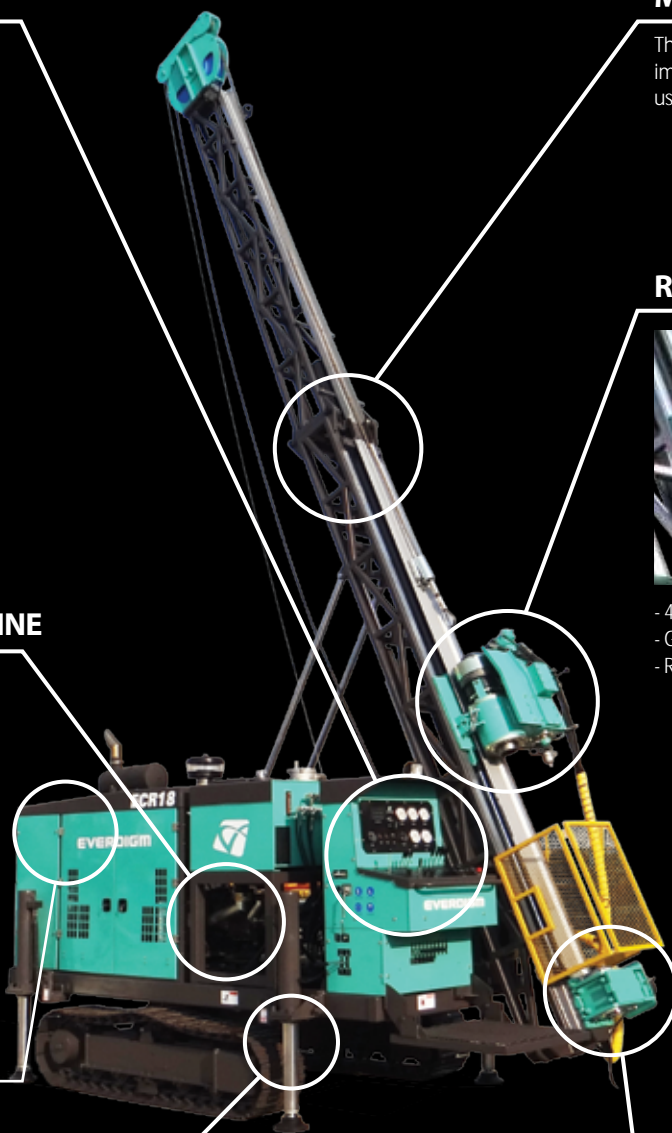
HYDRAULIC JACKS

- Positioning rig into right position
- Extendable jacks for easy transportation (Optional)

ROD HOLDER



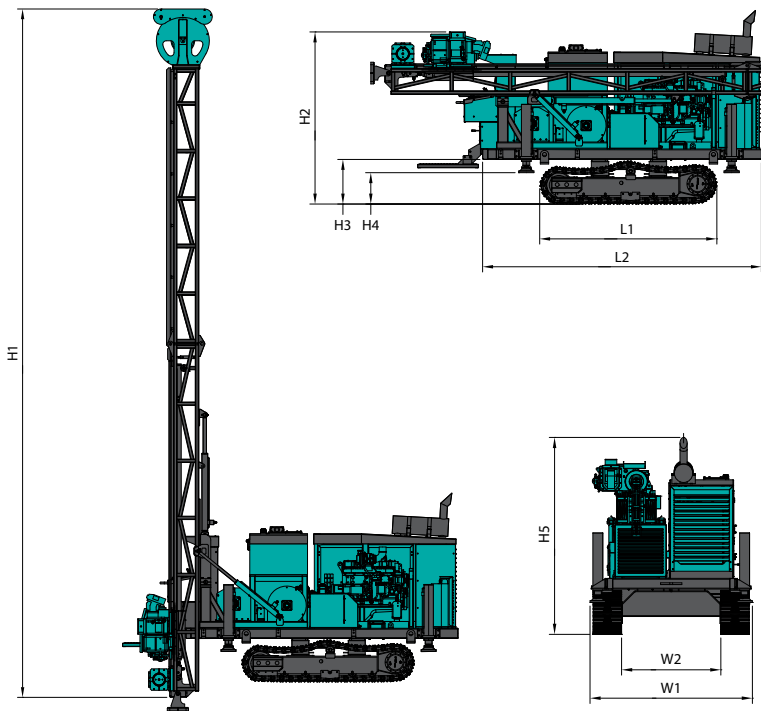
- Extremely reliable
- Hydraulically actuated



SPECIFICATIONS

MODEL		ECR12		ECR18		
		Metric	US	Metric	US	
Capacity		11.7 ton	25,974 lbs	17.5 ton	38,580 lbs	
Weight		8,000 kg	17,636 lbs	9,000 kg	19,841 lbs	
Mast Height		10.1 m	33.13 ft	10.1 m	33.13 ft	
Drilling Depth(m)	P (114.3mm)	480 m	1,574 ft	800 m	2,624 ft	
	H (88.9mm)	790 m	2,591 ft	1,180 m	3,871 ft	
	N (69.9mm)	1,190 m	3,904 ft	1,780 m	5,839 ft	
	B (55.6mm)	1,500 m	4,921 ft	2,250 m	7,381 ft	
Engine	Model	CUMMINS 6CTAA8.3C				
	Power (hp)	205 hp@2,200rpm	152 kW@2,200rpm	260 hp@2,200rpm	193 kW@2,200rpm	
Rotary Head	Gear Ratio	1st	7.16 : 1			
		2nd	3.17 : 1			
		3rd	1.76 : 1			
		4th	1.00 : 1			
		Final	2.5 : 1			
	RPM / Torque	1st	134 - 189 / 4,155 - 2,947 Nm	134 - 189 / 3,065 - 2,174 lb-ft	128 - 178 / 5,541 - 4,087 Nm	128 - 178 / 4,089 - 2,943 lb-ft
		2nd	303 - 426 / 1,847 - 1,310 Nm	303 - 426 / 1,362 - 966 lb-ft	288 - 400 / 2,462 - 1,774 Nm	288 - 400 / 1,816 - 1,309 lb-ft
		3rd	538 - 758 / 1,039 - 737 Nm	538 - 758 / 766 - 544 lb-ft	511 - 711 / 1,385 - 998 Nm	511 - 711 / 1,022 - 736 lb-ft
4th		968 - 1,364 / 577 - 409 Nm	968 - 1,364 / 426 - 302 lb-ft	920 - 1,200 / 770 - 554 Nm	920 - 1,200 / 568 - 409 lb-ft	
Pump	Primary	180Lpm, 28MPa	47 gpm , 4,061 psi	250Lpm, 28MPa	66 gpm, 4,061 psi	
	Secondary	70Lpm, 20MPa	18 gpm, 2,900 psi	70Lpm, 20MPa	18 gpm, 2,900 psi	
	Aux. #1	44Lpm, 10Mpa	11 gpm, 1,450 psi	44Lpm, 10Mpa	11 gpm, 1,450 psi	
	Aux. #2	35Lpm, 6Mpa	9 gpm, 870 psi	35Lpm, 6Mpa	9 gpm, 870 psi	
Feed System	Pull Back	11,685 kg	25,761 lbs	17,455 kg	38,481 lbs	
	Feed	4,616 kg	10,176 lbs	7,033 kg	15,505 lbs	
	Stroke	3.5 m	11.48 ft	3.5 m	11.48 ft	
	Rod Pull	6 m	19.68 ft	6 m	19.68 ft	
	Drilling Angle	45 - 90 degree				
	Mast Dump	1 m	3.28 ft	1 m	3.28 ft	
Main Hoist	Capacity	8,100 kg	17857 lbs	12,000 kg	26,455 lbs	
	Speed	41 m/min	134 ft /min	40 m/min	131 ft/min	
	Wire Dia.	16 mm	0.62 inch	20 mm	0.78 inch	
	Length	30 m	98 ft	30 m	98 ft	
Wireline Hoist	Capacity	1,071 kg	2,361 lbs	1,071 kg	2,361 lbs	
	Speed	115 m/min	377 ft/min	115 m/min	377 ft/min	
	Wire Dia.	5 mm	0.19 inch	5 mm	0.19 inch	
	Length	1,500 m	4,921 ft	2,300 m	7,545 ft	

DIMENSIONS



MODEL	ECR12	ECR18
H1	10,120mm	10,120mm
H2	2,499mm	2,499mm
H3	670mm	670mm
H4	480mm	480mm
H5	2,807mm	2,807mm
L1	1,990mm	2,542mm
L2	4,000mm	4,000mm
W1	2,290mm	2,290mm
W2	1,400mm	1,400mm

* ECR12/18 can be equipped with extendable outriggers.

* Mounting the rig to the various undercarriage requires technical analysis from manufacturer.
Please contact your EVERDIGM drill rig representatives.

MINING AND CONSTRUCTION DRILLING PRODUCTS



**TOP HAMMER
CRAWLER DRILL**



**OVERBURDEN
SYSTEM**



DOWN THE HOLE



**TOP HAMMER
CONSUMABLE**

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