

Core Drill Specification



Manufacturer		Boart Longyear	Everdigm	Boart Longyear	Atlas	Atlas	Everdigm	Boart Longyear
Model		LF 70	ECR12	LF 90C	C6	C8	ECR18	LF 230
Capacity (ton)		6.4	11.7	11.4	14.1	15.9	17.5	22.8
Drilling Depth(m)	P (114.3mm)	357	480	476	475	800	800	1,190
	H (88.9mm)	542	790	722	800	1,200	1,180	1,806
	N (69.9mm)	798	1,190	1,064	1,200	1,830	1,780	2,661
	B (55.6mm)	1,039	1,500	1,385	1,540	2,360	2,250	3,462
Engine Output (kw)		110 (148)	153 (205)	153 (205)	153 (205)	179 (240)	194 (260)	205 (275)
Rotary Head output (kw)		47 (63)	58 (78)	68 (91)	63 (84)	78 (105)	72 (97)	80 (107)
Pump	1st	163L/m	180L/m	165L/m	242L/m	250L/m	250L/m	318L/m
	2nd	42L/m	70L/m	64L/m	122L/m	137L/m	70L/m	72L/m
	3rd	38L/m	44L/m	42L/m	47L/m	54L/m	44L/m	42L/m
	4th		35L/m				35L/m	
Feed system	Pull back (kg)	6,414	11,685	11,407	14,082	15,918	17,455	22,785
	Thrust (kg)	4,231	4,616	6,016	6,082	6,082	7,033	12,028
	Stroke (m)	2	3.5	3.35	3.5	3.5	3.5	3.35
Main Hoist	Capacity (kg)	5,450	8,100	7,258	8,163	13,571	12,000	18,144
	Speed (m/min)	1	41	53	44	40	40	72
	Wire Dia. (mm)	15	16	15	16	21	20	22
Wireline Hoist	Capacity (kg)	990	1,071	993	1,214	1,286	1,071	907
	Speed (m/min)	100	115	145	114	115	115	160
	Wire Dia. (mm)	5	5	5	5	5	5	
	Length (m)	1,890	1,500	1,890	1,830	2,200	2,300	3,300