

Specification of Hydraulic Crawler Drill

		MODEL	JD-800	JD-800E	SD-1300E	JD-1300E	JD-1400E	JD-1500E
Overall Dimensions	Gross Weight	kg	10,550	11,900	14,000	14,700		17,500
	L*W*H	mm	8300*2470*2860	8680*2470*2860	9400*2490*2960	9400*2490*2890		10318*2420*3358
Performance	Hole Range	mm	65 ~ 102	65 ~ 102	75 ~ 115	75 ~ 115	~ 127	89 ~ 140
	Drilling Depth	m	15	18	25	25		
	Gradeability	°	30	30	30	30		30
	Travelling Speed	km/hr	0~3.8	0~3.8	0~3.8	0~3.8		0~3.6
Diesel Engine	Model	Cummins	B5.9-C (Tier I)	B5.9-C (Tier I)	CTAA8.3-C(Tier II)	CTAA8.3-C(Tier II)	Tier III	QSL9 (Tier III)
	Rated Output	hp/rpm	156 / 2,200	156 / 2,200	205 / 2,200	205 / 2,200		325 / 2,100
	Fuel Tank Capa.	liter	300	300	350	350		595
Air Compressor	Model		CF75G(GHH-RAND)	CF75G(GHH-RAND)	AIRMAN	GHH-RAND	GHH-RAND	CF128G(GHH-RAND)
	Working Pressure	kg/cm ²	10.5	10.5	10.5	10.5		10.5
	Free air delivery	m ³ /min	5.7	5.7	6.8	7.8	11	13.9
	Tank Capa.	m ³	0.051	0.051	0.035	0.035		0.1
DRIFTER	Model		YH-70	YH-70	YH-80 / YH-80A	YH-80 / YH-80A	YH-135	YH-200
	Weight	kg	190	190	210	210	260	305
	Length w/o Shank	mm	1007	1007	1025	1025	1225	1160
	Percussion Flow	l/min(gpm)	110(29)	110(29)	120(31.7)	120(31.7)	140(37)	165(43.6)
	Percussion Pressure	kg/cm ²	140(13.7MPa)	140(13.7MPa)	140(13.7MPa)	140(13.7MPa)	140(13.7MPa)	140(13.7MPa)
	Frequency	bpm	3000	3000	2600	2600	2500	2500
	Power Output	Kw(HP)	15(20)	15(20)	16.5(22)	16.5(22)	21(28)	25(33)
	Rotation Flow	l/min(gpm)	45(11.9)	45(11.9)	45(11.9)	45(11.9)	80(21)	80(21)
	Rotation Pressure	kg/cm ²	140(13.7MPa)	140(13.7MPa)	140(13.7MPa)	140(13.7MPa)	140(13.7MPa)	140(13.7MPa)
	Rod Size	mm	38 / 45	38 / 45	45 / 51	45 / 51	45 / 51	51 / 60
Guide Shell	Overall Length	mm	6800(7240)	7240(6800)	7240	7240		8118
	Swing Angle	L/R°	65/50	65//50	90/30	90/30		90/15
	Tilt Angle	°	180	180	180	180		158
BOOM	Overall Length	mm	2100	2840	2840	2840		3000
	Swing Angle	L/R°	15/45	10/35	10/35	10/35		17/36
	Lift Angle	U/D°	50/25	50/15	50/15	50/15		50/18
	Slide Length	mm	1100	1100	1100	1100		1100
Dust Collector	Air Pressure	mmAq	550	550	550	550		550
	Suction Capa.	m ³ /min	24	24	24	24		40
	No. of filters	ea	4	4	4	4		6
Undercarriage	Length of Tumbler	mm	2205	2480	2480	2480		2776
	Shoe Width	mm	340	340	330	330		330
	Ground Clearance	mm	540	540	530	530		535
BIT & ROD	Rod Length	mm	3050 (3660)	3660 (3050)	3,660	3,660		4,270(3,660)
	Bit Dia	mm	65~102	65~102	75~115	75~115		89 ~ 140
	Thread		T38 (T45)	T45(T38)	T45(T51)	T45(T51)		YT60(T51)
AutoRod Changer	Number od Rod	ea	4+1	4+1	6+1(T51: 5+1)	6+1(T51: 5+1)		5+1(6+1)