



DRILL RIG

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FULL HYDRAULIC MULTIFUNCTIONAL DRILLING RIG PARAMETERS

Parameter	Type	
	H J G -M165	H J G -M311
Aperture	140~180mm	203~311mm
Drilling depth	24m	24m
Adaptive rock	f \geq 8	
Rotation torque	4000Nm	6000Nm
Rotary speed	0~60rpm	0~40rpm
Thrust capacity	40kN	75kN
Feed stroke	4380mm	4380mm
Lifting speed	0.5m/s	0.3m/s
Hammer model	HD65	HD85/HD110
Drill rod diameter	110mm	146mm
Drill rod length	4mX6	4mX6
Travel speed	2.5Km/h 3Km/h	2.5Km/h 3Km/h
Grade ability	25 °	25 °
Rising height from ground	450mm	450mm
Wind pressure	1.38~3.2Mpa	1.38~3.2Mpa
Air consumption	25m ³ /min	28m ³ /min
Engine power	75kW	93kW
Dimension	Length X Width X Height	
On transportation	9000X2900X3400mm	9000X2900X3400mm
On working condition	7700X2900X7800mm	7700X2900X7800mm
Gross weight	17T	18T

CRAWLER HYDRAULIC WELLS-GEOTHERMAL DRILLING RIG PARAMETERS

Parameter	Type		
	H JG -W830C	H JG -W830A	H JG -W850A
Aperture	105~311mm	105~311mm	130~350mm
Drilling depth	300m	300m	500m
Cylinder legs	Common legs	High legs	High legs
Adaptive rock	f \geq 8		
Rotation torque	4400Nm	3450Nm 6900Nm	4250Nm 8500Nm
Rotary speed	0~100r/min	0~110r/min 0~55r/min	0~180r/min 0~90r/min
Thrust capacity	60kN	60kN	60kN
Feed stroke	3700mm	3700mm	5300mm
Lifting capacity	120kN	120kN	200kN
Hammer model	HD45/HD55/HD65	HD45/HD55/HD65	HD65/HD85/HN10
Drill rod diameter	76mm、89mm	76mm、89mm	89mm、102mm
Drill rod length	3m	3m	4.5m
Travel speed	2.5Km/h	2.5Km/h	3.2Km/h
Grade ability	21°	21°	21°
Rising height from ground	300mm	300mm	300mm
Wind pressure	1.05~2.46Mpa	1.05~2.46Mpa	1.05~3.5Mpa
Air consumption	\geq 18m ³ /min	\geq 18m ³ /min	\geq 25m ³ /min
Engine power	93kW	93kW	132kW
Dimension	LengthX Width x Height		
On transportation	5800X2210X2850mm	5800X2210X2850mm	8085X2250X3200mm
On working	4920X2210X6700mm	4700X2210X6700mm	5498X2250X8941mm
Gross weight	8.8T	9.5T	12.5T

HYDRAULIC OPEN-AIR BLAST HOLE DRILLING RIG PARAMETERS

Parameter	Type	
	H JG -B 138	H JG -B 168
Aperture	90~152mm	105~180mm
Drilling depth	30m	30m
Adaptive rock	f \geq 8	
Rotation torque	3000Nm	4000Nm
Rotary speed	0~72r/min	
Thrust capacity	32kN	32kN
Feed stroke	4000mm	4000mm
Lifting capacity	32kN	32kN
Lifting speed	0.5m/s	0.5m/s
Hammer model	HD45/HD55	HD65/HD85
Drill rod diameter	76mm、89mm	89mm、114mm
Travel speed	2.5Km/h 3.8Km/h	2.5Km/h 3.8Km/h
Grade ability	30°	30°
Wind pressure	1.05~2.46Mpa	1.38~2.46Mpa
Air consumption	\geq 18m ³ /min	\geq 21m ³ /min
Engine power	75kW	75kW
Dimension	Lengthx Width X Height	
On transportation	6170X2150X2480mm	6170X2150X2480mm
On working	4360X2150X5380mm	4360X2150X5380 mm
Gross weight	6.5T	6.8T

INTEGRATED HYDRAULIC DTH DRILLING RIG PARAMETERS

Parameter	Type	
	HJG-D120	HJG-D165
Aperture	90~150mm	152~180mm
Drilling depth	28m	28m
Adaptive rock	f≥8	
Rotation torque	3000Nm	4000Nm
Rotary speed	10~100rpm	10~100rpm
Thrust capacity	35kN	40kN
Feed stroke	4380mm	4380mm
Lifting speed	0.8m/s	0.8m/s
Hammer model	HD45/HD55	HD55/HD65
Drill rod diameter	89mm、102mm	102mm、114mm
Drill rod length	4m	4m
Travel speed	2.5Km/h 3Km/h	2.5Km/h 3Km/h
Grade ability	25°	25°
Rising height from ground	430mm	430mm
Wind pressure	1.7Mpa	2.4Mpa
Air consumption	17m ³ /min	25m ³ /min
Engine power	287kW	332kW
Dimension	Length X Width X Height	
On transportation	11000X2500X3280mm	11550X2716X3400mm
On working	7800X2500X8410mm	7920X2716X8410mm
Gross weight	15.5T	23T