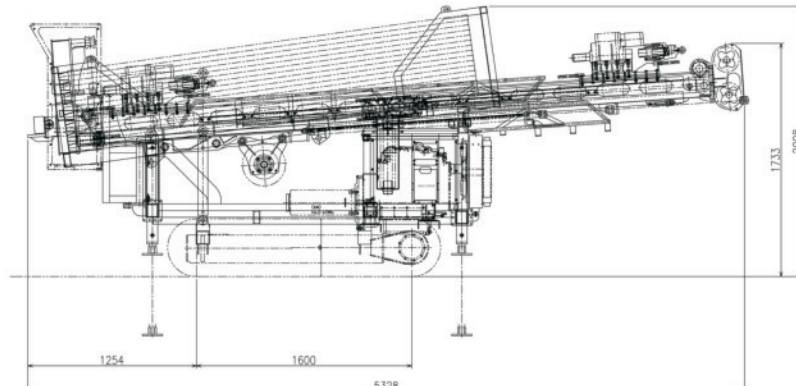
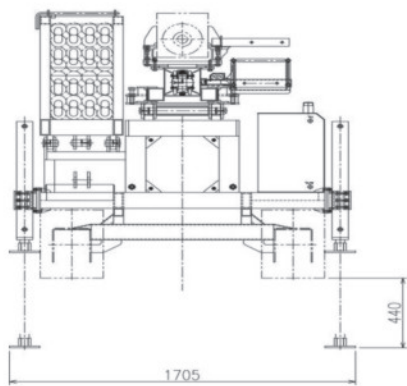
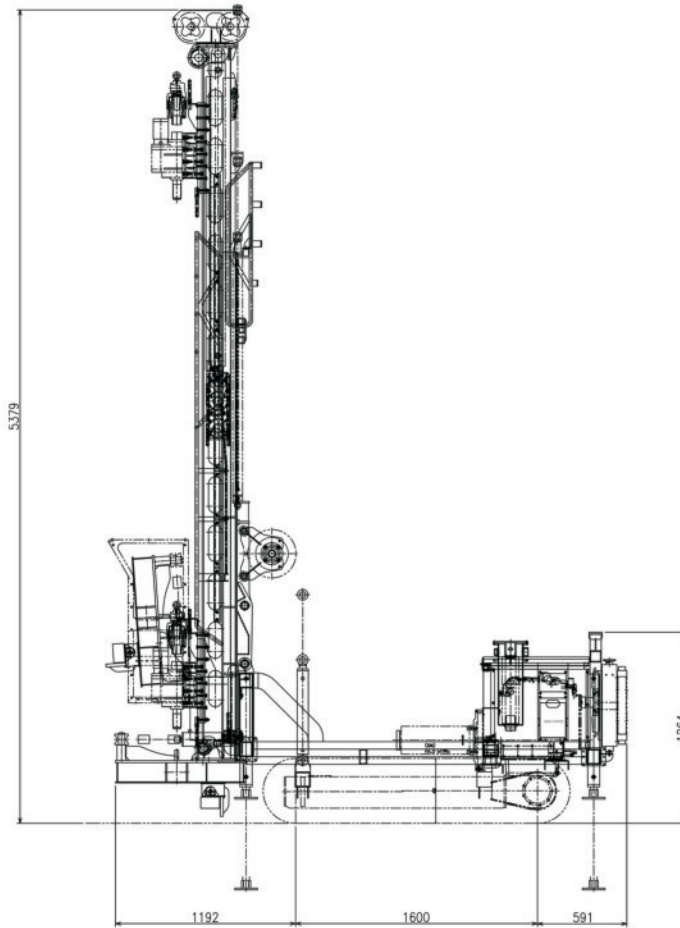


D&B – 8W/8D

Dimensions



Rotary / Diamond Core Drilling Rig D&B – 8W/8D

- Easy Drilling Performance
- Top Head Rotation System
- Compact Design & Easy Movable



HANJIN D&B
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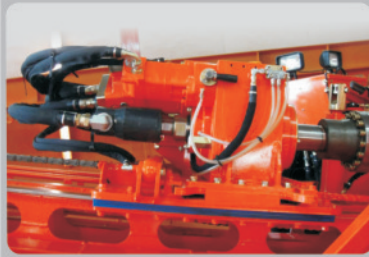
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Rotary / Diamond Core Drilling Rig D&B – 8W/8D

D&B-8W/8D Key Components

Rotary Head



- Strong rotation
- Special HANJIN Design & made

Rubber Track



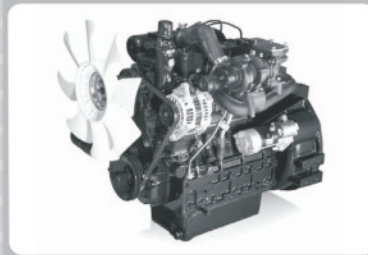
- Rubber Track

Water Injection Pump



- Full Hyd. system
- Volume control

Engine



- Daedong D2300T
- 54HP/1800RPM

Rod Rack



- 73mm x 3M x 32ea

Control Box



- Full Hyd. system
- Easy to control
- Easy to maintenance

Technical Data Specification

		D&B - 8W	D&B - 8D
Dimensions & Weight			
OA length-transport	M	5.4	5.4
OA width	M	1.72	1.72
OA height-transport	M	2	2
OA height-mast up	M	6.4	6.4
Weight	Ton	3.5	3.5
Engine			
Model(Diesel engine)		Daedong D2300T	Daedong D2300T
Cylinder		4	4
Rated power at 1800rpm	HP	54	54
Fuel tank capacity	ℓ	50	50
Cooling system		Water cooling	Water cooling
Rotary Head			
Model		HJG700	HJG800
Reduction	ratio	3.5:1	3.5:1
1st RPM/Torque	rev/min,kg.m	0~60/200	0~100/0~293
2nd RPM/Torque	rev/min,kg.m	0~120/100	450~700/74~112
3rd RPM/Torque			700~1000/40~55
Feed System			
Top head driven by hydraulic cylinders through heavy duty chain.			
Type/model		Hyd. Cylinder	Hyd. Cylinder
Travels Cylinder	mm	90x55x1750	90x55x1750
Head travel	m	3.5	3.5
Retract capacity	ton	8	8
Push down capacity	ton	4	4
Feed speed down(variable)	m/min	0~10	0~10
Fastfeed speed-up(variable)	m/min	25	25
Fastfeed speed-down(variable)	m/min	30	30
Dump mast / up	m	1	0.75
Dump mast / down	m	0.5	0.75
Working Table			
Max. casing diameter	inch	6	6
Hydraulic System			
System		2Pump Open loop system	2Pump Open loop system
Hydraulic oil tank capacity	ℓ	40	40
Filteration	micron	10	10
Pump model		H3V63+15(HP constant)	H3V63+15(HP constant)
Cooling system		Air cooling	Air cooling
Operating condition at job site	-30° ~ +45°	-30° ~ +45°	-30° ~ +45°
Operating pressure	kgf/cm ²	280	280
Flow rate 1st circuit	l/min	113	113
Flow rate 2nd circuit	l/min	27	27
Crawler Base			
Crawler type		Solar 035(Rubber)	Solar 035(Rubber)
Crawler speed	km/h	2.5	2.5
Ground pressure	kgf/cm ²	0.32	0.32
Ground clearance	mm	310	310
3-web track shoes	mm	310	310
Hydraulic Clamping			
Single clamp Max.Diameter(standard version)	inch	6	6
Winch			
Spool capacity		18m of 10mm cable	18m of 10mm cable
Line pull	ton	3	3
Four hydraulic jacks are fitted to the outer corners of the rig for easy and accurate levelling of the rig.			
Hydraulic 4 jacks			
Ground Clearance	mm	440	440
Drill pipe breakout			
Torque break-out	ton	4	4
Light & Electrical system			
Mast	watt	2-60	2-60
Control panel		2-gauge floodlight	2-gauge floodlight
Work	watt	2-60	2-60
All controls gauges are grouped at the operator's station within sight of the borehole.			
Control panel			
Drill pipe			
Max. length	m	3	3
Water injection pump			
(High pressure washing pump)	ℓ /min,bar	200/35	200/35
Rod Rack			
	mm x m x ea	73x3x32	73x3x32
OPTION			
Welder			
Hyd. Motor Drive		250 Amp.DC	250 Amp.DC
Inverter			
Max. electronic	kw	4.5	4.5
Remote control for traming			
		wireless	wireless
Drilling Performance			
Tricon drilling		4"~6", Max. 150M	-
DTH drilling		4"~6", Max. 150M	-
H size drilling(88.9mm)	m	-	100
N size drilling(69.9mm)	m	-	250
B size drilling(55.6mm)	m	-	350
Notice			
1. Above drilling depth will be changed by job-site & working condition.			
2. All specification can be changed without any notice.			