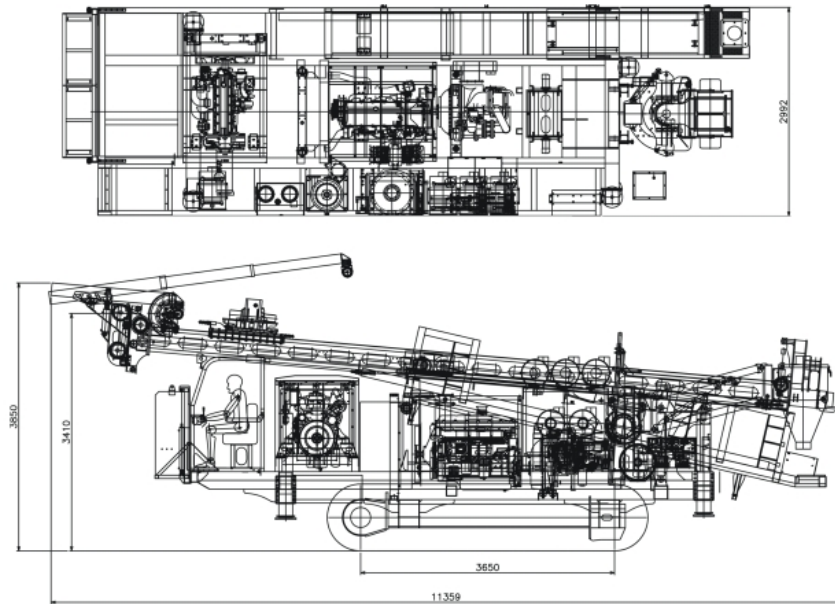
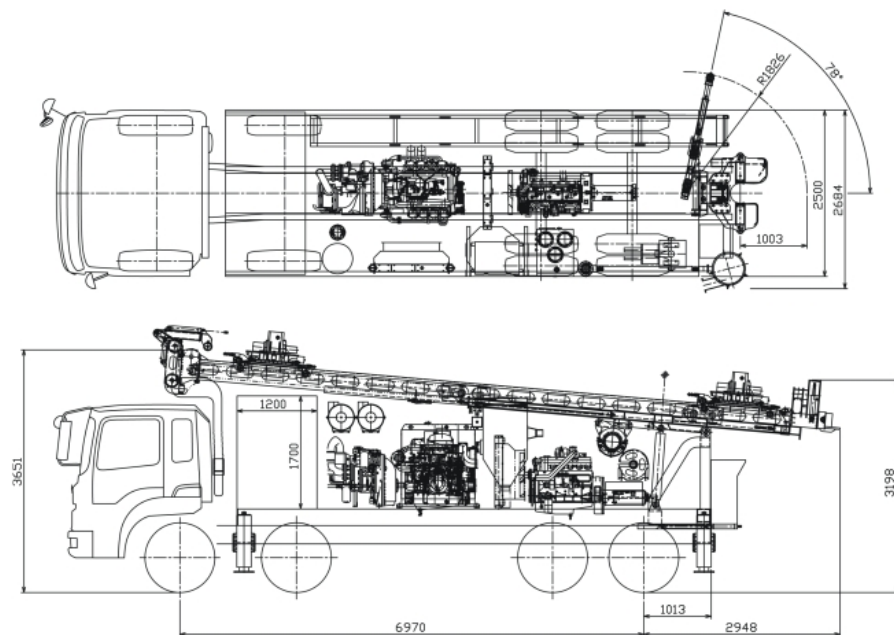


Dimensions

Crawler type



Truck type



HANJIN D&B
Drilling Equipments Co., Ltd.

Distributed by

- 49, Hanamsandan 10-Ro, Gwangsan-Gu, Gwangju, Republic of Korea
- TEL_ +82-62-953-4525 • FAX_ +82-62-953-4520
- E-mail_ mail@hanjindnb.com
- Website_ www.hanjindnb.com



Multi-Purpose Drilling Rig D&B-35RC Special

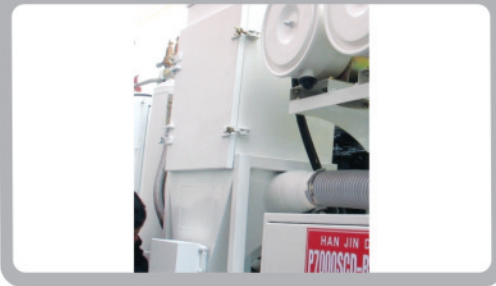
- RC special drilling rig
- RC 400 drilling
- Deck mounted Compressor (Option: Booster compressor)
- Built-In Rod handler, Rod rack, Remote control, dust collector, Cyclone



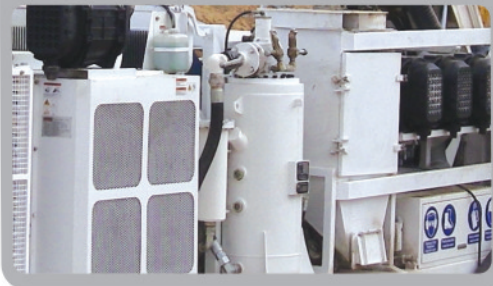
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D&B-35RC Special Key Components

Dust Collector



Compressor



Cyclone



Rod Rack /Rod Loader



Winch(Extension Boom)



Remote Control



Worldwide Site

Australia



Australia



Congo



Congo



		D&B-35RC Special(V.S)	D&B-35RC Special(V.D)
DIMENSIONS & WEIGHT			
OA length-transport	M	11.5	11.5
OA width	M	3	3
OA height-transport	M	3.5	3.5
OA height-mast up	M	11.5	11.5
Weight without drilling accessories	Ton	24.5	24
ENGINE(Drill rig)			
Model(Diesel engine)		HYUNDAI D6CC	DOOSAN 086T(Tier2),DOOSAN DL08(Tier 3)
Cylinder		6	6
Rated power at 1800rpm	kw/ps	390/520	227/303
Fuel tank capacity	l	600	600
Cooling system		water cooling	water cooling
ENGINE(Compressor)/ Option			
Model(Diesel engine)			HYUNDAI D6CC
Cylinder			6
Rated power at 1800rpm	kw/ps		370/490
Cooling system			Water cooling
Rotary HEAD			
Model		Gearbox 900	Gearbox 900
Reduction		Super gear - 4.1 to 1	Super gear - 4.1 to 1
1st RPM/Torque	rpm/kNm.kg-m	0 - 60 / 1300	0 - 60 / 1300
2nd RPM/Torque	rpm/kNm.kg-m	0 - 120 / 650	0 - 120 / 650
Rotary Head Sliding			
Travel	mm	500	500
FEED SYSTEM			
Top head driven by hydraulic cylinders through heavy duty chain.			
Traverse cylinder	mm x mm x mm	160 x 100 x 3500	160 x 100 x 3500
Total length including extension(L*W*H)	mm	7000 x 3900 x 9100	7000 x 3900 x 9100
Max.Torque	kNm	30	30
Feed force	kN	250	250
Head travel(1st)	m	7.0	7.0
Dump mast/up	m	0.5	0.5
Dump mast/Down	m	1	1
Pull-up capacity	ton/kN	30/300	30/300
Pull-down capacity	ton/kN	18/180	18/180
Feed speed -down (variable)	m/min	0-10	0-10
Fast feed speed -up (variable)	m/min	30	30
Fast feed speed -down (variable)	m/min	35	35
WORKING TABLE			
Max. casing diameter	inch	10(standard)	10
Hydraulic clamping			
Doubleclamp.Max Diameter(Standard version)	mm	280	280
Clamping size(Max)	mm	280	280
Clamping size(Min)	mm	73	73
Max.holding force	kN		
CRAWLER BASE			
Travelling speed	km/h	4	4
Ground pressure	N/cm ² , kg/cm ²	5, 0.5	5, 0.5
Shoes width	mm	600	600
Ground clearance	mm	600	600
Track shoes		3-web steel track shoes	3-web steel track shoes
Traction force	kN	70,000	70,000
Length of crawler units	mm	7950	7950
Climbing capacity Max.	% / degree	30'	30'
Four hydraulic outriggers are fitted to the outer corners of the rig for easy and accurate levelling of the rig.			
HYDRAULIC OUTRIGGER JACKS			
HYDRAULIC SYSTEM			
System		Load sensing/4pump open loop	Load sensing/4pump open loop
Hydraulic oil tank capacity	l	260	260
Filtration	micron	10	10
Pump model		HSV140x2+H3V63RS+Pilot	HSV140x2+H3V63RS+Pilot
Cooling system		Air cooling	Air cooling
Operating pressure	bar	280	280
Operating condition at job site	-30' ~ +45'	-30' ~ +45'	-30' ~ +45'
JIB			
Extension	m	Max 4.2	Max 4.2
Loading capacity	Kg	150 - 520	150 - 520
Turn	degree	60	60
Drill pipe & casing			
Drill pipe length	m	6	6
HYDRAULIC SYSTEM			
LIGHT & ELECTRICAL SYSTEM			
Mast	watt	2-60	2-60
Control panel		2-gauge floodlights	2-gauge floodlights
Work	watt	2-60	2-60
Winch			
Spool capacity,Line pull		20M of 22mm cable, 22ton	20M of 22mm cable
CONTROL PANEL			
All controls gauges are grouped at the operator's station within sight of the borehole.			
COMPRESSOR			
	cfm/psi	1070/350	1070/350
(Option List)			
MUD PUMP		D&B-300MP/D&B-800MP	D&B-300MP/D&B-800MP
FOAM PUMP	l/min	60(35bar)	60(35bar)
AUTO HAMMER OIL PUMP			
ROD HANDLER		Model A1000(Wire remote control)	Model A1000(Wire remote control)
ROD RACK		114MM *6M*30Pcs	114MM *6M*30Pcs
TOOL BOX			
SPACE FOR BOOSTER COMPRESSOR			
CYCLONE SET			
DUST COLLECTOR			
RC EQUIPMENT & SYSTEM			
SERVICE HYDRAULIC LINE			
FOOT CLAMP & DIAMOND DRILLING KITS			
Air Swivel, Sample Swivel, Discharge Hose, Discharge Hose Arm, Deflector plate Ceramic Hydraulic operate Blow Down Valve, Discharge hose coupling, Steel net air hose Delivery, For Mud mixer,etc			
* Notice			
Above drilling depth will be changed by job-site & working condition. All specification can be changed without any notice			