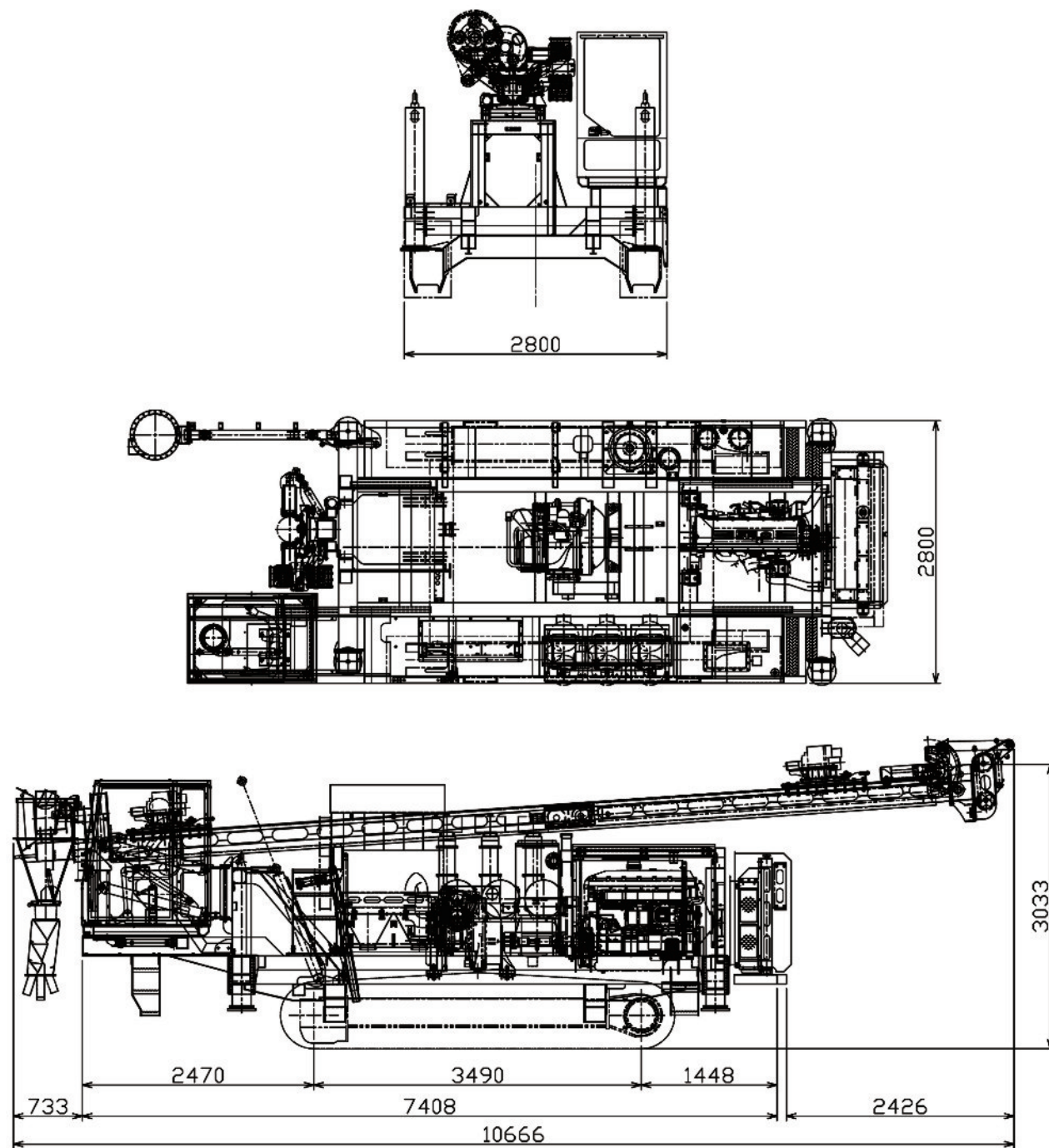


D&B-16GT 900

Dimensions



HANJIN D&B
Drilling Equipments Co., Ltd.

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Grade Control Drilling Rig D&B-16GT 900

- Multi-purpose Drilling (Grade Control & Blast hole Drilling)
- Built-in Compressor
- Rod Carousel
- Remote control System
- Big hole Blast hole Drilling Upto 300mm Dia.



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Grade Control Drilling Rig D&B-16GT 900

- Multi-purpose Drilling (Grade Control & Blast hole Drilling)
- Built-in Compressor : D&B 750cfm/21bar, 900cfm/25bar
- Rod Carousel
- Wire Remote control System
- Big hole Blast hole Drilling Upto 300mm Dia.
- Dry dust Collector, Cyclone, RC Equipments
- Strong & Special control Cabin

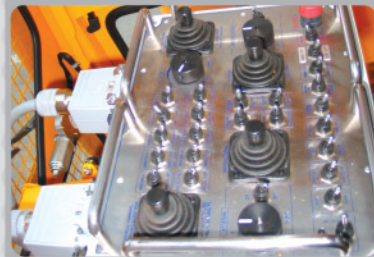
D&B-16GT 900 Key Components

Carousel



- 3 1/2", 4", 4 1/2" X 6m long, 4 drill rods
- Special D&B Design & Made

Remote Control



- Easy operation system
- Wire remote control
- Option: Wireless

Cabin



- Window protect
- 90 degree turn
- Air-conditioner, Radio (Option)

Compressor



- Less fuel consumption
- 750cfm/21bar
- 900cfm/25bar

Rotation Head



- Strong rotation power
- Special D&B Design & Made
- Low maintenance cost
- Special air swivel design

Dust Collector



- High quality & performance
- Special D&B Design & Made

Technical Data Specification

		D&B-16GT 750	D&B-16GT 900
DIMENSIONS & WEIGHT			
OA length-transport	M	10.5	10.5
OA width	M	3.05	3.05
OA height-transport	M	3.05	3.05
OA height-mast up	M	11	11
Weight without drilling accessories	Ton	19	19
ENGINE			
Model(Disel engine)		Hyundai D6CC	Hyundai D6CC
Cylinder		6	6
Rated power at 1800rpm	kw/ps	540	540
Fuel tank capacity	l	200	200
Fuel consumption	g/kwh	146	146
Cooling system		water cooling	water cooling
ROTARY HEAD			
Model		Gearbox 800	Gearbox 800
Reduction		Super gear - 4.26 to 1	Super gear - 4.26 to 1
1st RPM/Torque	rpm/kNm.kg-m	60 / 500	60 / 500
2nd RPM/Torque	rpm/kNm.kg-m	120 / 1000	120 / 1000
FEED SYSTEM			
Top head driven by hydraulic cylinders through heavy duty chain.			
Traverse cylinder	mm x mm x mm	120 x 90 x 3500	120 x 90 x 3500
Total length including extension(L*W*H)	mm	7000 x 3050 x 11000	7000 x 3050 x 11000
Max.Torque	kNm		
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	16ton/160kN	16ton/160kN
Pull-down capacity	ton/kN	8ton/80kN	8ton/80kN
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 HEAD			
Max. casing diameter	"	8	8
HYDRAULIC CLAMPING			
Doubleclamp.Max Diameter(Standard version)	mm	216.3	216.3
Clamping size(Max)	mm	222	222
Clamping size(Min)	mm	73	73
Max.holding force	kN		
CRAWLER BASE			
Crawler type		Solar 130	Solar 130
Travelling speed	km/h	4	4
Ground pressure	N/cm ² , kg/cm ²	4, 0.4	4, 0.4
Shoes width	mm	500	500
Ground clearance	mm	500	500
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	25°	25°
CRAWLER BASE			
		89mm ~ 114mm * 6EA	89mm ~ 114mm * 6EA
SELF LOADING			
Ground clearance	mm	400	400
Width	mm		
HYDRAULIC OUTRIGGER JACKS			
		Four hydraulic outriggers are fitted to the outer corners of the rig for easy and accurate levelling of the rig.	
DUST COLLECTOR			
		0	0
HYDRAULIC SYSTEM HEAD			
System		Load sensing/3pump open loop	Load sensing/3pump open loop
Hydraulic oil tank capacity	l	200	200
Filtration	micron	10	10
Pump model		K3V63 xHSF35(D)(HP constant)	K3V63 xHSF35(D)(HP constant)
Cooling system		Air cooling	Air cooling
Operating pressure	bar	280	280
Operating condition at job site	-30° ~ +45°	-30° ~ +45°	-30° ~ +45°
Flow rate 1st circuit	l/min		
Flow rate 2nd circuit	l/min		
Flow rate 3rd circuit	l/min		
Flow rate 4th circuit	l/min		
LIGHT & ELECTRICAL SYSTEM			
Mast	watt	2-60	2-60
Control panel		2-gauge floodlights	2-gauge floodlights
Work	watt	2-60	2-60
CONTROL PANEL			
		All controls gauges are grouped at the operator's station within sight of the borehole.	
COMPRESSOR			
	bar/cfm	21/750	25/900
OPTION			
1. Remote control for tramming		Wireless	Wireless
2. PRE-HEATING SYSTEM			
Notice			
1. Above drilling depth will be changed by job-site & working condition.			
2. All specification can be changed without any notice.			