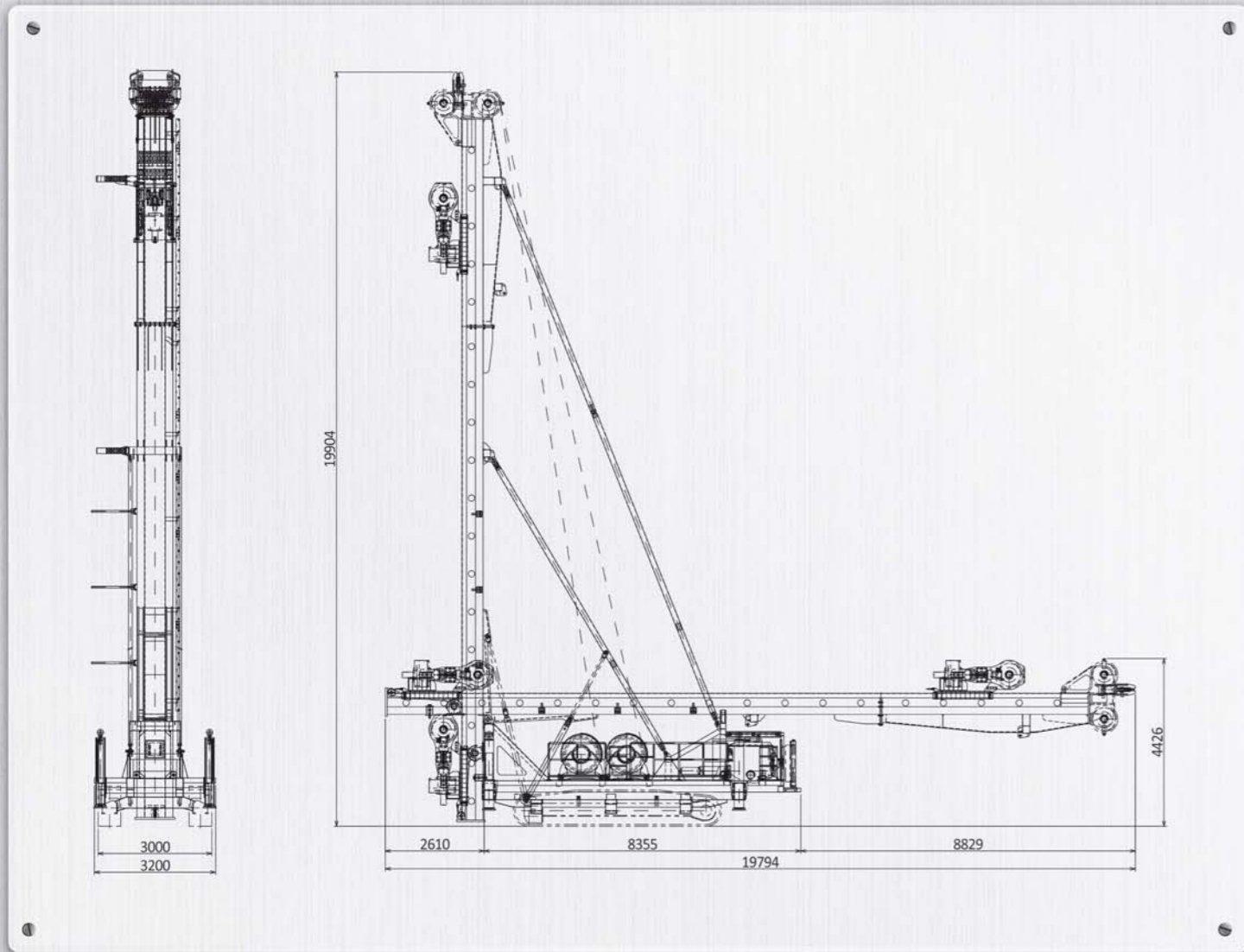
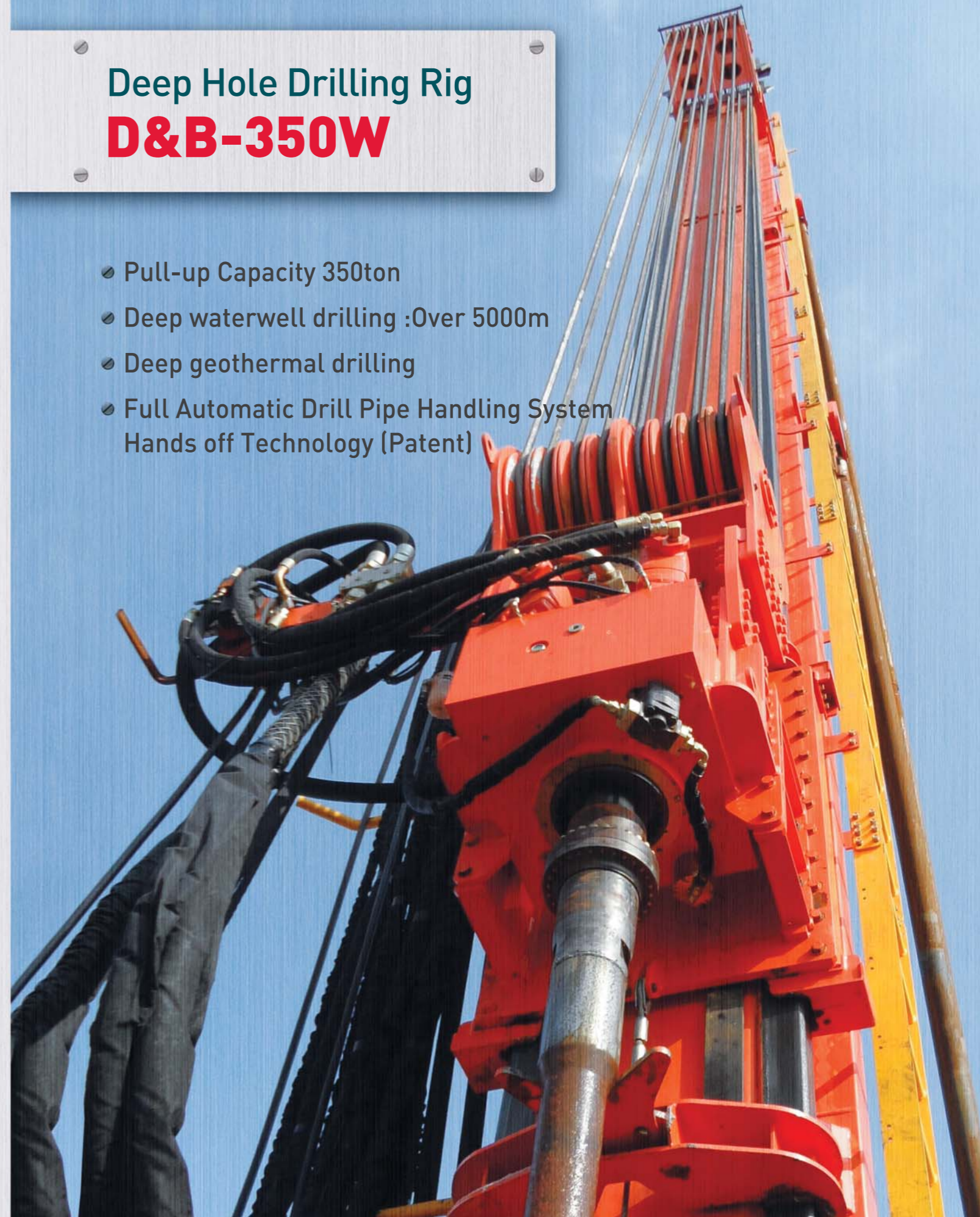


D&B-350W Dimensions



Deep Hole Drilling Rig **D&B-350W**

- Pull-up Capacity 350ton
- Deep waterwell drilling :Over 5000m
- Deep geothermal drilling
- Full Automatic Drill Pipe Handling System
Hands off Technology (Patent)



D&B-350W Key Components



D&B-350W Site Story

- Korea, Gwangju City, DEC 2012, Water Hammer system
- Geothermal Deep hole drilling(8"), 2505m Accomplished



Technical Data

Dimension	OA length-transport	m	20
	OA width	m	3.2
	OA height-transport	m	4.4
	OA height-mast up	m	20.2
	Weight	ton	28
ENGINE	Model(Diesel engine)		Hyundai D6CC
	Cylinder		6 cylinder diesel engine
	Rated power	HP/rpm	530/1800
	Fuel tank capacity	ℓ	820
	Cooling system		water cooling
TOP HEAD ROTATION	The gearhead is mounted outside the mast rails to ease drill pipe and casing handling.		
	Reduction		Spur gear - 5.62 to 1
	Performance		two motor(Std)
	Max. RPM	rpm	1st 0~120/2nd 0~60
FEED SYSTEM	Max. Torque	kg-m	1st 1,500/2nd 3,000
	Using the winch motor, wire rope type.		
	Head travel	m	13.3
	Pull-up capacity	ton	350(winch used)
WINCH	Pull-down capacity		Self-weight
	Planetary with spring applied hydraulic release break, with cable.		
	Spool capacity	M/mm	150 of 28 cable
	Line pull	ton	350
HYDRAULIC SYSTEM	General		
	5 Pump Open loop system		
	Tank capacity	ℓ	350
	Filtration	micron	10
	Pump model		H3V250x2+H3V112x2+10(HP constant)
	Cooling system		Air cooling
Light & ELECTRICAL SYSTEM 24V	Operating pressure	kgf/cm ²	280
	One - on top of control facing up mast		
	Two - on top of mast facing down		
	one: to work table area		
CONTROL PANEL - 45° Turn	one: back to drill deck		
	One - in control console for night operation		
	All controls gauges are grouped at the operator's station within sight of the borehole.		
	D&B-300MP		
DRILL PIPE & CASING	OP Panel Up/Down : 300mm	ℓ/min	300
	Duplex pistone actiong cylinders		
WORKING TABLE	Drill pipe length	m	12
	Max. casing diameter	inch	15
HYDRAULIC CLAMP	Single clamp	inch	15
	CRAWLER BASE		
OPTION	Crawler type		solar 200LC
	Crawler speed	km/h	2.5
	Ground pressure	kgf/cm ²	0.65
	3-web track shoes	mm	600
	Ground clearance	mm	600
DRILLING PERFORMANCE	1. FOOT CLAMP		
	2. ROD HANDLER		
DRILLING PERFORMANCE	on working plate		
	Hydraulic turn system		
DRILLING PERFORMANCE	Tricon Drilling	M	~5,000
	DTH Drilling	M	~5,000