

利根 “TOP-300” 系列车载水井钻机

潜孔锤施工

气举反循环／泥浆循环

建议深度 150—300米水井



株式会社东亚利根钻机

TOP-300 车载水井钻机

MEETS REQUIREMENTS OF THE MOST RUGGED DRILLING DEMANDS



钻孔能力

钻杆尺寸	建议深度
3-1/2"(89mm)	200 – 300 m
4-3/4"(120mm)	150 – 200 m

旋转动力头

Hydraulically driven heavy duty power swivel with retract-back system in the mast.

钻速:	Low: 0 -60 min ⁻¹ High: 0 -120 min ⁻¹
扭矩:	4.9 kN-m
承载能力	68.6 kN

提升力/给进力

Hold back and pull down system is functioned by hydraulic cylinder with wire rope located at outside of the mast frame.

提升力:	68.6 kN
给进力:	31.3 kN
给进行程:	7.5 m

主卷扬设备

Hydraulically driven, with free-falling mechanism for quick lowering drill strings.

单绳拉力:	29.4 kN
线速:	0-50 m/min
钢绳卷量:	50 m with 14 mm cable

辅助卷扬设备

Hydraulically driven, with free-falling mechanism for quick lowering.

单绳拉力:	9.8 kN
线速:	0-100 m/min.
钢绳卷量:	300 m with 9 mm cable

桅杆

Electrically welded rigid structural section, raised and lowered by twin hydraulic cylinder, with enough space for retract back of rotary head.

高度:	Approx. 11.8 m from ground level
承载能力:	98 kN
承吊能力:	88.3 kN with triple line

泥浆泵

Duplex reciprocating piston pump, Model NP-700	
压送量:	730 lit/min.
最大压力:	1.86 MPa

千斤顶 (支撑腿)

Individually controlled hydraulic jacks, each two at front and rear installed under rig common base, fully equipped with safety devices. All jacks are enclosed in housing to prevent piston rod from damage.

切杆装置

Hydraulically actuated pipe breakout system is equipped with breakout tong for easy disconnection of tool joints.

操作盘

All controls and gauges required for drilling and rig operation are grouped at and fitted at driller's operation panel.

注沫泵

Hydraulically driven piston pump for DTH hammer drilling.

Max. 注入量:	30 liter/min.
Max. 注入压力:	1.96 MPa

卡车底盘

型号:	6x4 diesel truck
GWM:	Min. 20,000 kg

动力供给

Truck engine PTO or independent diesel power unit to drive hydraulic pumps, mud pump, etc.

输入功力:	125 PS
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照明设备

桅杆带有照明设备, 便于夜间施工.

自选设备

齐举反循环空压机

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