

# 利根 “TOP-750” 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 300—600米水井



株式会社东亚利根钻机

# TOP-750 车载水井钻机

## WATER WELL DRILL RIG

### 适用于 300-600 m 钻井



#### 钻孔能力

钻杆尺寸	建议深度
3-1/2"(89mm)	500 - 600 m
4-3/4"(120mm)	300 - 400 m

#### 旋转动力头

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

钻速:	Low: 0 -50 min <sup>-1</sup> High: 0 -100 min <sup>-1</sup>
扭矩:	7.840 kN-m
承载能力:	137.2 kN

#### 提升力/给进力

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

提升力:	137.2 kN
给进力:	49 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:	58.8 kN
线速:	Low: 0-23 m/min. High: 0-45 m/min.
钢绳卷量:	100 m with 16 mm cable

#### 辅助卷扬设备

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

单绳拉力:	29.4 kN
线速:	Low: 0-40 m/min. High: 0-80 m/min.
钢绳卷量:	800 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. 12.3 m from ground level
承载能力:	490 kN
承吊能力:	235.2 kN

#### 泥浆泵

Duplex reciprocating piston pump, Model NAS-7	
压送量:	1500 lit/min.
最大压力:	1.96 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 or 6x6 diesel truck
GWM:	Min. 25,000 kg

#### 动力供给

Truck engine PTO or independent diesel power unit to drive hydraulic pumps, mud pump, etc.  
Power requirement: 210 PS

#### 照明设备

Floodlight arrangement for night operation fitted on the mast.

#### 自选设备

齐举反循环空压机



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