

# DH500/1000-L 水平定向钻机

## HRIZONTAL DIRECTIONAL DRILL

### I、主要技术参数 Main Technical Specification

发动机 Engine	厂家 Brand	康明斯 Cummins	泥浆泵 Mud pump	最大流量 Max flow rate (L/min)	600
	额定功率 Rated Power kW	194		最大压力 Max pressure (MPa)	8±0.5
推拉 Thrust-Pull	方式 Style	齿轮齿条 Rack and pinion	钻杆 Pipe	直径*长度 Diameter*Length (mm*m)	Φ89*4.5
	推拉力 Thrust/Pull force (kN)	500/1000	入土角 Entry angle	°	10-22
	速度 Thrust/Pull force (m/min)	0-32	最大回扩直径 Backreamer diameter	mm	Φ1200
旋转 Rotation	扭矩 Torque (N·m)	24000	重量 Weight	T	18.5
	转速 Spindle speed (r/min)	0-128	外形尺寸 Dimension (长 L*宽 W*高 H)	mm	9800*2350*2700

### II、主要配置 Main Configuration

发动机 Engine	主泵 Hydraulic pump	马达 Main hydraulic motor		减速机 Reducer	分动箱 Transfer case	泥浆泵 Mud pump
		旋转 Rotation	推拉* Push&pull			
康明斯 Cummins	美国萨奥 Sauer,US	意大利萨姆 Sam,Italy	华德/力源 Huade/Liyuan	意大利布雷维尼 Brevini,Italy	德国斯宝 Stiebel, German	衡阳中地 Hengyang central

\*推拉马达可选配美国萨奥 Push-pull motor can be equipped with American Sauer.

### III、产品卖点 Product Points of Sale

● 旋转、推拉、行走采用闭式节能回路先进控制技术，节能 20%以上、同时效率大大提高；

The advanced control technology of closed energy-saving circuit is adopted in rotation, push-pull and walking, which can save more than 20% energy and improve efficiency greatly at the same time.

● 整机配有增力装置，推拉力最大可达 1000KN，为拉管施工保驾护航；

The whole machine is equipped with a booster, which can push and pull up to 1000KN.

● 回转和给进系统，均采用闭式系统，多档位无极调速，准确可靠，效率至少提高 30%；

Rotary and feeding systems are all closed systems, multi-gear stepless speed regulation, accurate and reliable, and efficiency is increased by at least 30%.

● 配有旋转接头专利机构，泥浆流量大，便于扩孔效率。

It is equipped with a patented rotary joint mechanism, which has a large mud flow and is easy to ream.

● 液压系统及电路设计经多次优化，效率再度升级；

The hydraulic system and circuit design have been optimized several times, and the efficiency is upgraded again.

● 整体钢履带驱动式设计，自带动力，转场便捷。

Steel caterpillar drive design, convenient to convert.

注：产品随技术进步将不断改进，参数、配置如有变动恕不特别通知。

Note: With technological progress, products will be improved continuously. Please forgive us for not notifying you of any changes in parameters and configurations.