

# DH280-L 水平定向钻机

## HRORIZONTAL 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)	250
	额定功率 Rated Power kW	132		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)	Φ73*3
	推拉力 Thrust/Pull force (kN)	280/280	入土角 Entry angle	°	10-22
	速度 Thrust/Pull force (m/min)	0-36	最大回扩直径 Backreamer diameter	mm	Φ1000
旋转 Rotation	扭矩 Torque (N·m)	10000	重量 Weight	T	8
	转速 Spindle speed (r/min)	0-135	外形尺寸 Dimension (长 L*宽 W*高 H)	mm	6500*1950*2380

### II、主要配置 Main Configuration

发动机 Engine	主泵 Hydraulic pump	马达 Main hydraulic motor		减速机 Reducer	泥浆泵 Mud pump
		旋转 Rotation	推拉 Push&pull		
康明斯 Cummins	美国珀姆克 Permco,US	美国伊顿 Eaton,US	美国伊顿 Eaton,US	意大利布雷维尼 Brevini,Italy	衡阳中地 Hengyang central

### III、产品卖点 Product Points of Sale

- **动力强劲，采用 132kW 大马力发动机，功率储备充足，使得钻机能在各种复杂地质条件下，完成铺管作业；**  
Equipped with 132kW high horsepower engine, it makes the machine powerful and sufficient power reserve. So that the drilling machine would complete pipe laying operation in all kinds of complex geological conditions.
- **推拉采用齿轮齿条进给系统，运行稳定，传动效率高；**  
Pull-push adopts rack-and-pinion feed system, which runs steadily and has high transmission efficiency.
- **采用套筒式撑脚专利机构，保证钻机的平稳施工；**  
Using sleeve support(patent institution) to ensure the drilling machine work stably.
- **液压系统优化设计实现动力头旋转、推拉双速控制，增大钻机工况适应能力，便于接卸钻杆；**  
Optimum design of hydraulic system realizes two-speed control of power head rotation and push-pull of drill pipes. The optimum design can also enhance the working conditions adaptability of drilling machine, and facilitates the connection and unloading of drill pipes.
- **钢板覆橡胶履带行走，强度高，适合多地形的施工；**  
The steel plate covered rubber track has good strength and is suitable for multi-terrain construction.
- **履带行走线控，操作安全可靠。**  
Crawler-type running and drive by wire, the operation is safe and reliable.

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.