

DH400/800-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)	450
	额定功率 Rated Power kW	179		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)	Φ83*3
	推拉力 Thrust/Pull force (kN)	400/800	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)	18000	重量 Weight	T	16
	转速 Spindle speed (r/min)	0-130	外形尺寸 Dimension (长 L*宽 W*高 H)	mm	7400*2200*2600

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.

● 标配驾驶室、冷暖空调，各种仪表布局及操纵系统符合人机工程学要求，操作灵活舒适、便捷高效；

Equipped with cab and air-conditioning. The operation of the machine is flexible, comfortable, convenient and efficient.

● 康明斯大功率发动机系统，动力强劲、功率储备充足，可满足钻机在不同工况条件下的施工；

Equipped with Cummins high-power engine system, 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.

● 动力头采用柱塞马达驱动，稳定性好；

The power head is driven by a plunger motor with good stability.

● 旋转冷却装置为国家专利产品，经久耐用；

Rotary cooling device is a national patent product.

● 可选配刹车式回转驱动马达机械手机构，降低施工人员的劳动强度。

Brake-type rotary drive motor mechanism can be selected to reduce the labor intensity of construction personnel.

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.