

S200 Horizontal Directional Drilling Machine



钻机介绍 Introduction

1. 东风康明斯发动机,动力强劲、性能稳定、油耗低、噪音小, 更适合城市施工。
Equipped with Cummins 110kw engine, large power, stable performance, lower fuel consumption, lower noise, more suitable working in city area.

2. 动力头推拉和选择都采用美国伊顿大扭矩摆线马达直接驱动, 扭矩大, 性能稳定。旋转双速设计, 钻速快、扭矩大; 推拉三档加速, 让施工速度更快。
Power head thrust and rotation adopts cycloid motor from Eaton, with large torsion, stable performance. Rotation have two speed, drilling faster and more torque; Thrust have 3 speed, let the work finished more faster.

3. 欧美风格的硬设计, 造型美观大方。
American style surface, looks so powerful.

4. 更合理简洁的电路设计, 故障率低, 便于维护。
Simple electric circuit design, low failure rate, convenient maintenance.

5. 配用 $\phi 60 \times 3000$ mm 钻杆, 机身占地面积小, 满足在狭窄场地高效施工的需求
Equipped with $\phi 60 \times 3000$ mm drill rods moderate machine size adapts to narrow and small working area and high efficient construction as well.

6. 独特的泥浆流量控制系统, 满足客户在施工中最大程度的节省用水。
Mud flow control system, can depends customer project save water.

7. 可以选配自动上杆和自动锚系统。
Rod auto loading system and Auto anchoring system can be choose separate.

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技术参数 Specification

发动机	Engine Power	KW	110/2200
最大顶力	Max Thrust force	KN	200
最大回拖力	Max Pullback force	KN	200
最大扭矩	Max Torque	N.M	6000
最大钻速	Max Rotary speed	Rpm	180
最大动力头行走速度	Max carriage speed	m/min	38
最大泥浆泵流量	Max Mud pump flow	L/min	200
最大泥浆压力	Max Mud pressure	Mpa	7±0.5
主机尺寸	Main machine size	mm	5880x1880x2150
重量	Weight	T	7
钻杆直径	Diameter of drilling rod	mm	φ60
钻杆长度	Length of drilling rod	m	3
最大扩孔直径	Max diameter of pullback pipe	mm	φ150 - φ700
最大穿越距离	Max construction length	m	300
入射角	Incidence Angle	°	10 ~ 22
爬坡角	Climbing angle	°	14