

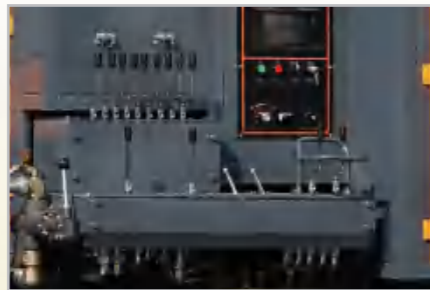
KT9C型一体式露天潜孔钻车

KT9C Integrated Surface DTH Drilling Rig



KT9C型一体式露天潜孔钻车是将潜孔钻凿系统和螺杆空气压缩系统融为一体的钻凿设备，可钻凿垂直、倾斜和水平孔，用于露天矿山和石方工程钻凿爆破孔和预裂孔等。配有玉柴非道路柴油机及高效集尘系统，满足国家对排放和环保的要求。具有节能高效、安全环保、机动灵活、操作方便、性能稳定等特点。

The KT9C integrated surface DTH drilling rig is an advanced drilling device integrating the down the hole drilling system and screw air compressor system, It is capable of drilling vertical, inclined and horizontal holes, mainly used for open-pit mine, stonework blast holes and pre-splitting holes. Equipped with the Yuchai Engine and efficient dust collection system, the drill rig meets national standards for emissions and environment. It is typical of energy conservation, efficiency, safety, environment-friendliness, flexibility, simple operation and stable performance, etc.



技术参数 / Technical Parameters

凿岩硬度 /Drilling hardness	f=6-20
钻孔直径 /Drilling diameter	Φ115-165 mm
经济凿孔深度 /Depth of economical drilling	25 m
行走速度 /Travelling speed	0-3.5 km/h
爬坡能力 /Climbing capacity	≤25°
离地间隙 /Ground clearance	430 mm
整机功率 /Power of complete machine	295kW/1900r/min
柴油机 /Diesel engine (choose)	玉柴YCK09400-T300/Yuchai YCK09400-T300
螺杆机 /Screw compressor	两级压缩 20 m ³ /min /22 bar
外形尺寸 (长×宽×高) /Outer dimensions (L×W×H)	8250×2300×3200 mm
重量 /Weight	12000 kg
回转器转速 /Rotation speed of gyrotor	0-100 r/min
最大回转扭矩 /Rotary torque (Max)	4000 N·m (Max)
最大推拉力 /Maximum push-pull force	25KN
钻臂举升角度 /Lifting angle of drill boom	向上50°向下20°/Up 50°, down 20°
滑架俯仰角度 /Tilt angle of beam	120°
滑架摆角 /Swing angle of carriage	向右50°向左50°/Right 50°, left 50°
钻臂摆角 /Swing angle of drill boom	向右38°向左34°/Right 38°, left 34°
车架调平角度 /Leveling angle of frame	±10°
一次推进长度 /One-time advance length	3590 mm
补偿长度 /Compensation length	900 mm
冲击器 /DTH hammer	5吋 / 5"
钻杆 /Drilling rod	Φ76×3000 mm
捕尘方式 /Method of dust collecting	干式 (液压驱动旋风层流式) /Dry type (hydraulic cyclonic laminar flow)

