

KZ7型露天潜孔钻车

KZ7 Surface DTH Drilling Rig



KZ7型露天潜孔钻车是将潜孔钻凿系统和自动接卸杆系统融为一体的先进钻凿设备，结构紧凑，整体性好，移动方便，该车配备遮阳雨棚、侧后和后方倒车影像，整机工作及移位更安全舒适。钻车的行走、推进、回转、集尘及角度调整等动作均采用液压驱动，爬坡能力强，性能稳定；配有液压干式集尘器收集粉尘，减少对环境的污染。该钻车具有节能高效、安全环保、机动灵活、操作方便、性能稳定等特点，并配有液压卸杆机构拆卸钻杆、接卸杆器减轻劳动强度。钻车主要用于石方工程及露天矿山的凿岩工作。

KZ7 surface DTH drilling rig is an advanced drilling equipment which integrates the drilling system and the automatic pick-up and unloading rod system into one, with a compact structure and good integrality, which makes it easy to move. It is equipped with sunshade canopy, side and rear reversing image, making the operation and movement of the rig safer and more comfortable. The movement of the drilling rig, including walking, advancing, rotating, dust collection and angle adjustment are all driven hydraulically, providing strong climbing ability and stable performance. It is also equipped with a hydraulic dry dust collector to reduce pollution to the environment. The drilling rig is characterized by its efficient drilling, energy conservation, safety, environment-friendliness, flexibility and simple operation. It also features a hydraulic rod unloading mechanism for disassembling the rods, and a rod handling device to reduce labor intensity. The drilling rig is mainly used for rock drilling work in quarrying projects and open-pit mines.



技术参数 / Technical Parameters

钻车型号 / Model of drill rig	KZ7
凿岩硬度 / Drilling hardness	f=6-20
钻孔直径 / Drilling diameter	90-135mm
经济凿孔深度 / Depth of economical drilling	21 m
行走速度 / Travelling speed	0-3.0 Km/h
爬坡能力 / Climbing capacity	≤30°
离地间隙 / Ground clearance	330 mm
整机功率 / Power of complete machine	73.5 Kw
柴油机 / Diesel engine	玉柴YC4DK100-T304
外形尺寸 (长×宽×高) / Outer dimensions (L×W×H)	7500×2400×2900 mm
重量 / Weight	8100KG
回转器转速 / Revolving speed of gyrator	0~150 r/min
回转扭矩 / Rotary torque	2500 N*m
最大推拉力 / Maximum Feed force	22000 N
钻臂举升角度 / Lifting angle of drill boom	向上48°向下16° / Up 48°, down 16°
滑架俯仰角度 / Tilt angle of beam	147°
滑架摆角 / Swing angle of carriage	向左52° 向右53° / left 52°, Right 53°
钻臂摆角 / Swing angle of drill boom	向左40° 向右48° / left 40°, Right 48°
车架调平角度 / Leveling angle of frame	向上10° 向下10° / Up 10°, down 10°
一次推进长度 / One-time advance length	3500 mm
补偿长度 / Compensation length	900mm
冲击器 / DTH hammer	3-4吋 / 3-4"
钻杆 (φ直径×钻杆长度) / Drilling rod (φ× length of drilling rod)	φ64(φ76)×3000 mm
杆库容量 / storage capacity of rod	7+1
捕尘方式 / Dust collection method	干式(液压驱动旋风层流式)12个滤芯 / Dry (hydraulic cyclonic laminar flow) 12 filter elements
接杆方式 / Connecting rod method	自动接卸杆 / Automatic unloading rod
钻杆润滑方式 / Drill rod lubrication method	自动喷油润滑 / Automatic oil injection and lubrication



▲ 配套空压机方案推荐 / Recommended Air Compressors

柴油移动型螺杆压缩机: KP450-14 YC
 KP650-15/18 YC
 KM570-12/15 YC

Diesel engine portable screw air compressor: KP450-14 YC
 KP650-15/18 YC
 KM570-12/15 YC

注: 根据孔径大小及空气管路远近选配空压机

Note: Air compressor selection subject to hole diameter and air hose length

备注: 图片仅供参考

Pictures for reference only, subject to our available products.