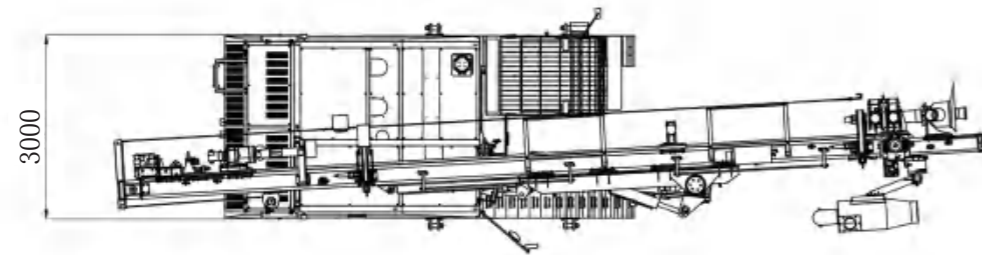
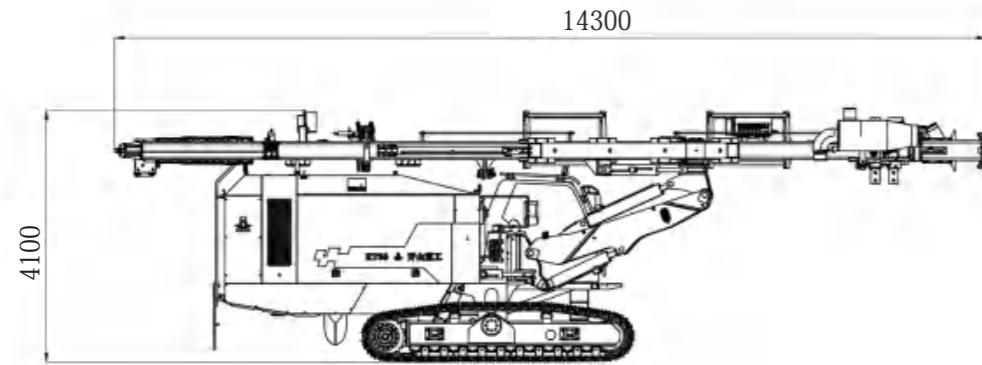


KT30一体式露天潜孔钻车

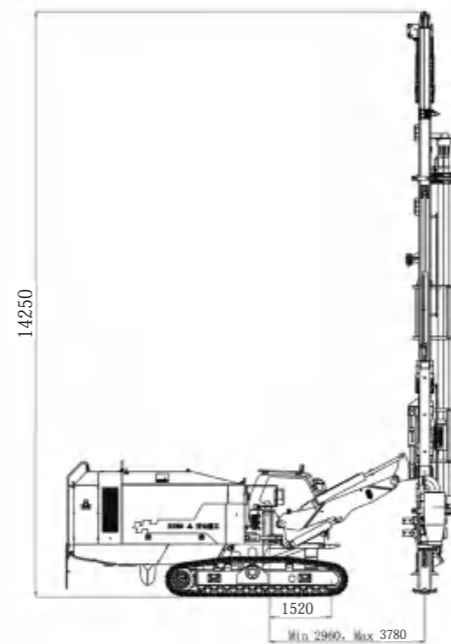
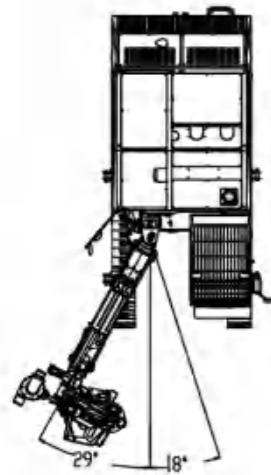
KT30 Integrated Surface DTH Drilling Rig



外形尺寸 / Outer dimensions



钻臂摆角 / Swing angle of drill boom



KT30一体式露天潜孔钻车

KT30 Integrated Surface DTH Drilling Rig

KT30型一体式露天潜孔钻车可钻凿垂直及倾斜孔，主要用于大型露天矿山和石方工程钻凿大孔径爆破孔和预裂孔等。

KT30 integrated surface DTH drilling rig can drill vertical and inclined holes, mainly used for large open-pit mines, stonework blast large aperture holes and pre-splitting holes.

以康明斯柴油机为单一动力源，通过两端输出方式同时带动螺杆压缩机系统和液压传动系统；

It is driven by the Cummins diesel engine and the screw compressor system and hydraulic transmission system are simultaneously driven by the output of both ends.

钻车配备铝导轨，钻孔直线度优良，配备双级螺杆机，气路系统稳定性强；

The drilling rig features an aluminum guide rail for superior drilling straightness; it is equipped with a two-stage screw machine and an air system that ensures stability.



配备长钻杆，减少换杆次数；配备钻杆润滑系统、干式集尘系统、钻杆螺纹保护、钻孔角度及深度显示，自动接卸杆器减轻劳动强度、空调驾驶室提供舒适的工作环境及自动控制防卡阀少卡钻机率。

Additionally, it includes long drilling rods to minimize the frequency of rod changes, a drill pipe lubrication system, a dry dust collection system, and protection for the drilling rods' threads. It also has a display function that shows drilling angles and depths, an automatic rod handling system to decrease labor intensity, an air-conditioned cab for a comfortable working environment, and an automatic control system for anti-jamming valves to reduce the likelihood of drill pipe sticking.

钻车全套控制均为电控系统，灵敏度高，操作省力，车具有整体性好、自动化程度高、凿岩效果好、节能环保、操作方便机动灵活、行驶安全等特点。

The entire drilling rig set is governed by an electric system, offering high sensitivity and labor-saving operations. And it is characterized by its exceptional integrity, advanced automation, efficient drilling capabilities, environment-friendliness, energy conservation, simple operation, flexibility and safe mobility, etc.

技术参数 Technical Parameters

凿岩硬度 /Drilling hardness	f=6-20
钻孔直径 /Drilling diameter	195-254 mm
经济凿孔深度(自动接杆深度) Depth of economical drilling (depth of automatic extension rod)	27 m
行走速度 /Travelling speed	3.0 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	563 kW
柴油机 /Diesel engine	康明斯QSM15 77C Cummins QSM15 77C
螺杆机 /Screw compressor	两级压缩36 m ³ /min / 35bar Two stage compression 36 m ³ /min / 35bar
外形尺寸(长×宽×高) /Outer dimensions (L×W×H)	14300×3000×4100 mm
重量 /Weight	33930 kg
回转器转速 /Revolving speed of gyrotor	0-100 / 0-150 r/min
回转扭矩 /Rotary torque	6100 N·m
最大推拉力 /Maximum Feed force	65 KN
推进方式 /Method of propulsion	马达+滚子链 /Motor+roller chain
滑架俯仰角度 /Tilt angle of beam	132°
滑架摆角 /Swing angle of carriage	向右37°向左37°/Right 37°, left 37°
钻臂摆角 /Swing angle of drill boom	向右29°向左17°/Right 29°, left 17°
钻臂举升角度 /Lifting angle of drill boom	向上55°向下13°/Up 55°, down 13°
车架调平角度 /Leveling angle of frame	向上10°向下10°/Up 10°, down 10°
补偿长度 /Compensation length	1800 mm
推进机行程 /Feed stroke	9550 mm
冲击器 /DTH hammer	k8 / 8"
钻杆(φ直径×钻杆长度) /Drilling rod (φ× length of drilling rod)	φ140×9000 mm
钻杆 /Drilling rod	2+1
除尘方式 /Method of dust removal	干式(液压驱动旋风层流式)/湿式(可选) Dry (hydraulic cyclonic laminar flow) /wet (optional)
接杆方式 /Method of extension rod	半自动接卸杆 Semi-automatic rod handling
自动防卡方式 /Method of automatic anti-jamming	电液控制防卡 Electro-hydraulic control anti-sticking
钻杆润滑方式 /Method of drilling rod lubrication	自动喷油润滑 Automatic oil injection and lubrication
钻杆螺纹保护 /Protection of thread of drilling rod	配有浮动接头保护钻杆螺纹 Equipped with the floating joint to protect the thread of drilling rod
钻进显示 /Drilling display	钻孔角度和钻孔深度实时显示 Real-time display of drilling angle and depth