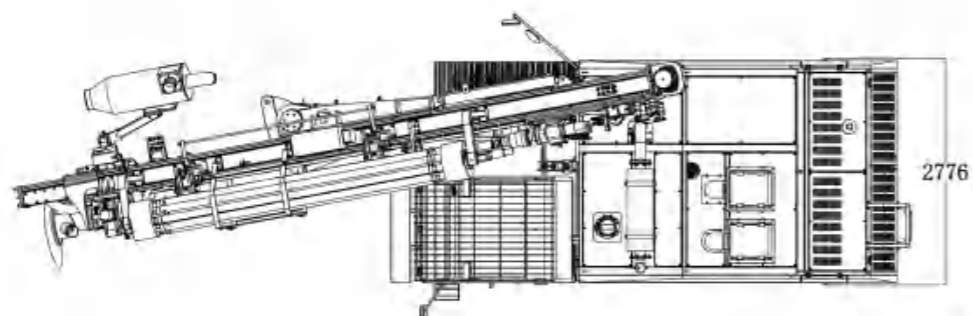
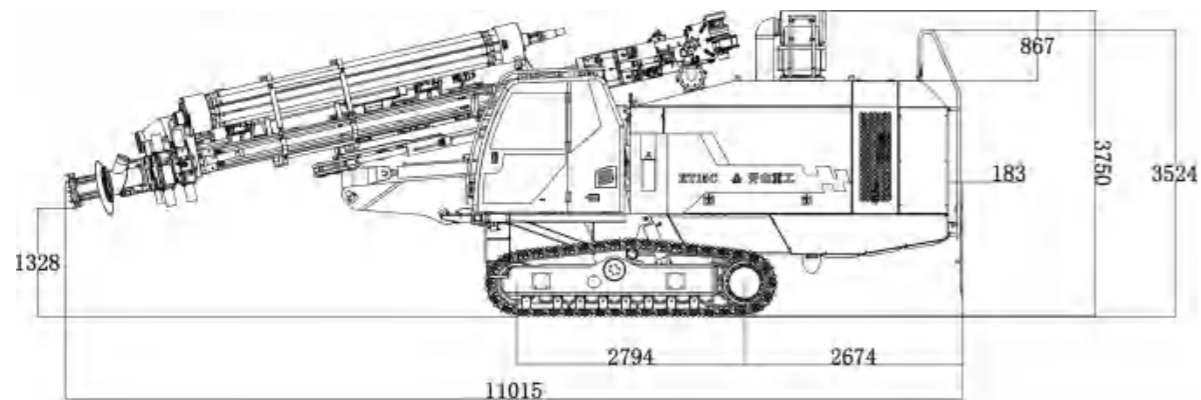
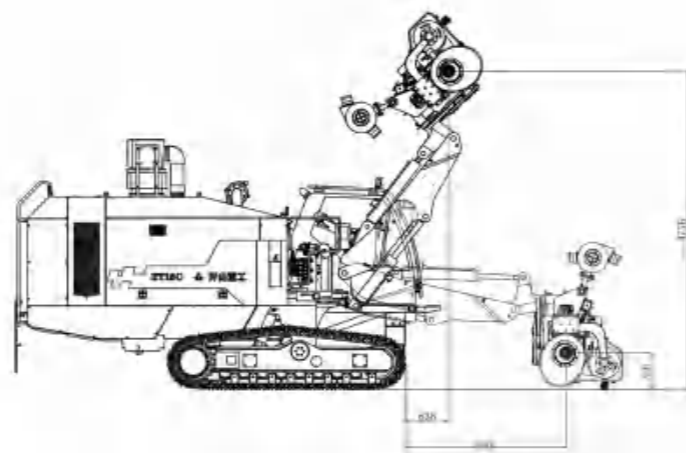
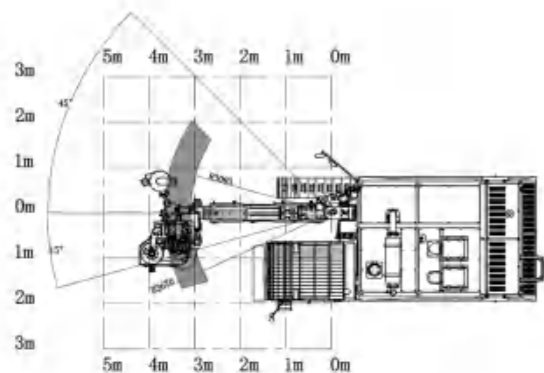


外形尺寸 / Outer dimensions



钻臂摆角 / Swing angle of drill boom

水平钻孔范围 / Horizontal drilling range



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# KT15C型一体式露天潜孔钻车

KT15C Integrated Surface DTH Drilling Rig



品质开山 行业典范

# KT15C型一体式露天潜孔钻车

## KT15C Integrated Surface DTH Drilling Rig

KT15C型一体式露天潜孔钻车可钻凿垂直、倾斜和水平孔，主要用于大型露天矿山和石方工程钻凿爆破孔和预裂孔等。

KT15C integrated surface DTH drilling rig can drilling vertical, inclined and horizontal holes, mainly used for open-pit mine, stonework blast holes and pre-splitting holes.

以康明斯非道路柴油机为单一动力，通过两端输出的方式同时带动螺杆压缩系统和液压传动系统；

It is driven by the Cummins diesel engine and the two-terminal output can drive the screw compression system and hydraulic transmission system.

钻车配有高强度铝合金推进梁、变量液压系统、自动接卸杆系统、钻杆浮动接头模块、钻杆润滑模块，防卡钻系统、液压干式集尘系统、冷暖空调驾驶室、钻孔角度和深度指示功能等。

The drill rig is equipped with high strength aluminum alloy propulsion beam, variable hydraulic system, automatic rod handling system, drill pipe floating joint module, drill pipe lubrication module, drill pipe sticking prevention system, hydraulic dry dust collection system, air conditioning cab, optional drilling angle and depth indication function, etc.

钻车具有整体性好、自动化程度高、凿岩效果好、环保节能、操作方便、机动灵活、行驶安全等特点。

The drill rig is characterized by excellent integrity, high automation, efficient drilling, environment-friendliness, energy conservation, simple operation, flexibility and travelling safety, etc.



### 技术参数 Technical Parameters

凿岩硬度 /Drilling hardness	f=6-20
钻孔直径 /Drilling diameter	140-190 mm
经济凿孔深度(自动接杆深度) Depth of economical drilling (depth of automatic extension rod)	36 / 35 m
行走速度 /Travelling speed	3.0 km/h
爬坡能力 /Climbing capacity	25°
牵引力 /Traction	140 KN
离地间隙 /Ground clearance	430 mm
整机功率 /Power of complete machine	298 kW
柴油机 /Diesel engine	康明斯QSZ13-C400-30 Cummins QSZ13-C400-30
螺杆机 /Screw compressor	两级压缩22 m <sup>3</sup> /min / 24bar Two stage compression 22 m <sup>3</sup> /min / 24bar
外形尺寸(长×宽×高) /Outer dimensions (L×W×H)	11000×2780×3800 mm
重量 /Weight	24800 kg
回转器转速 /Revolving speed of gyrotor	0-100 r/min
回转扭矩 /Rotary torque	4100 N·m
最大推拉力 /Maximum Feed force	65000 N
推进方式 /Method of propulsion	滚子链 /Roller chain
滑架俯仰角度 /Tilt angle of beam	128°
钻臂举升角 /Lifting angle of drill boom	向上51°，向下19°/Up 51°，down 19°
滑架摆角 /Swing angle of carriage	向右97°向左33°/Right 97°，left 33°
钻臂摆角 /Swing angle of drill boom	向右45°向左15°/Right 45°，left 15°
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	1500 / 1800 mm
推进机行程 /Feed stroke	4580 / 5580 mm
冲击器 /DTH hammer	4吋、5吋、6吋/4"、5"、6"
钻杆(φ直径×钻杆长度) /Drilling rod (φ× length of drilling rod)	φ89/φ102×4000 mm / φ89/φ102×5000 mm
容杆数量 /Number of rods	8+1 / 6+1
除尘方式 /Method of dust removal	干式(液压驱动旋流层流式) /湿式(可选) Dry (hydraulic cyclonic laminar flow) /wet (optional)
接杆方式 /Method of extension rod	自动接卸杆 Automatic unloading rod
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