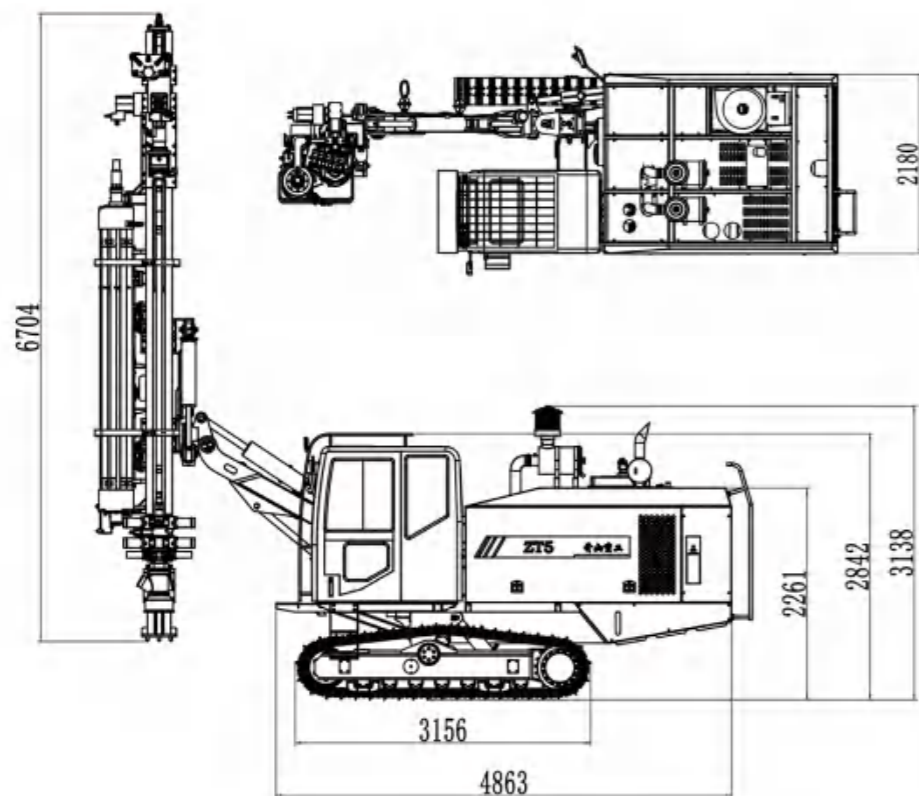
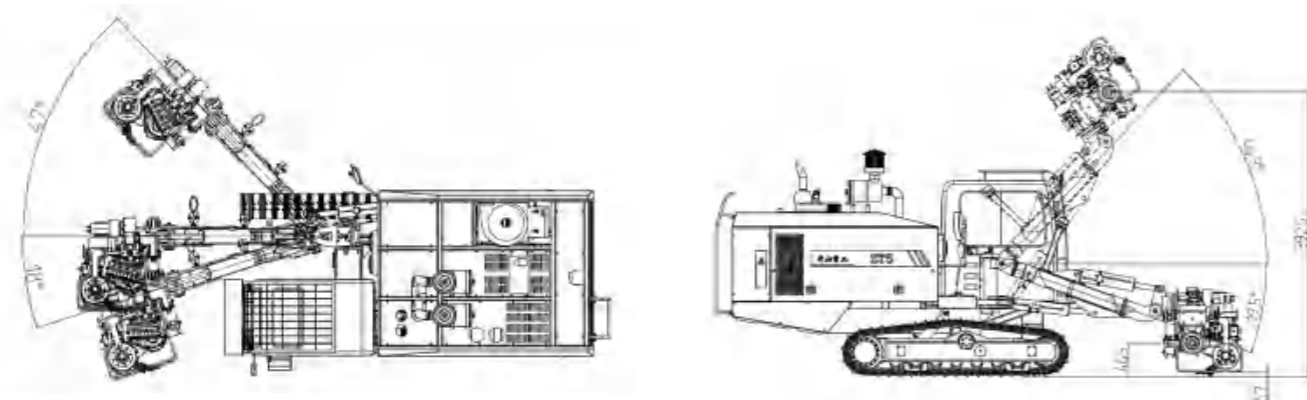


外形尺寸 / Outer dimensions



钻臂摆角 / Swing angle of drill boom

水平钻孔范围 / Horizontal drilling range



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## ZT5型一体式露天潜孔钻车

ZT5 Integrated Surface DTH Drilling Rig



品质开山 行业典范

# ZT5型一体式露天潜孔钻车

## ZT5 Integrated Surface DTH Drilling Rig

ZT5型一体式露天潜孔钻车可钻凿垂直、倾斜和水平孔，主要用于露天矿山和石方工程钻凿爆破孔和预裂孔等。

ZT5 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.

以玉柴动力非道路柴油机为单一动力，柴油机后端飞轮输出带螺杆机系统，PTO口输出带液压传动系统；

It is driven by the Yuchai diesel engine and the screw compression system and hydraulic transmission system are simultaneously driven by back-end flywheel and PTO port output.

钻车配有自动接卸杆系统、钻杆浮动滑板模块、钻杆润滑模块、防卡钻系统、液压干式集尘系统、冷暖空调驾驶室等，并可选配钻孔角度和深度指示功能。

The drill rig is equipped with the automatic rod handling system, drilling rod floating slide 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

运输尺寸(长*宽*高) /Transport dimensions (L×W×H)	8850*2180*2830 mm
重量 /Weight	13800 Kg
岩石硬度 /Rock hardness	f=6-20
钻孔直径 /Drilling diameter	90-105 mm
离地间隙 /Ground clearance	430 mm
履带调平角度 /Leveling angle of track	±10°
行驶速度 /Travelling speed	0-3 Km/h
爬坡能力 /Climbing capacity	25°
牵引力 /Traction	120 KN
最大回转扭矩 /Rotary torque (Max)	1680 N·m (Max)
转速 /Rotation speed	0-120 rpm
钻臂举升 /Lifting angle of drill boom	向上46°向下19°/Up 46°, down 19°
钻臂摆角 /Swing angle of drill boom	向左18°向右50°/Left 18°, right 50°
滑架摆角 /Swing angle of carriage	向左30°向右96°/Left 30°, right 96°
滑架俯仰角 /Tilt angle of beam	131°
补偿行程 /Compensation stroke	900 mm
推进行程 /Rotation Head stroke	3490 mm
最大推进力 /Maximum propelling force	32 KN
推进方式 /Method of propulsion	马达+滚子链 /Motor + roller chain
经济钻孔深度 /Depth of economical drilling	24 m
容杆数量 /Number of rods	7+1
钻杆规格 /Specifications of drilling rod	Φ64x3000 mm
冲击器 /DTH hammer	3吋 / 3"
发动机 /Engine	玉柴YCA07240-T300 Yuchai YCA07240-T300
额定功率 /Rated power	176 KW
额定转速 /Rated revolving speed	2200 r/min
螺杆机 /Screw compressor	12 m <sup>3</sup> /min / 15 bar
行驶控制系统 /Traveling control system	液压先导 /Hydraulic pilot
钻孔控制系统 /Drilling control system	液压先导 /Hydraulic pilot
防卡 /Anti-Jamming	自动电液防卡 /Automatic electro-hydraulic anti-jamming
电压 /Voltage	24V 直流 /24V DC
安全驾驶室 /Safe cab	符合防落石&防翻滚标准 /Meet the requirements of ROPS & FOPS
室内噪声水平 /Indoor noise	低于85dB (A) /Below 85dB (A)
座椅 /Seat	可调 /Adjustable
空调 /Air-conditioning	标准冷暖 /Standard temperature
娱乐 /Entertainment	收音机 /Radio