



安曼钻机
ANMAN

国家级
专精特新
“小巨人”企业

AM-17

全铰接钻机

Fully articulated Rig

钻机样本
Brochure



官网



Whatsapp

AM-17

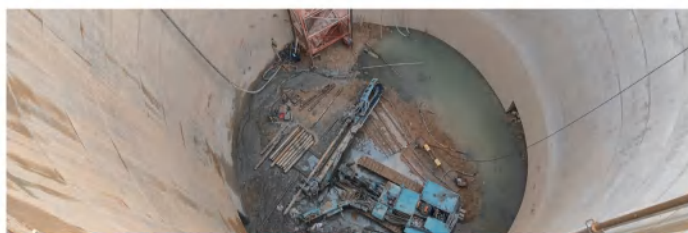
全铰接钻机

Fully articulated Rig

主要施工特点 Main characters

- 1、动力头大功率顶部冲击，不用潜孔锤和空压机就可以达到冲击钻进的效果；
 - 2、加强型国际经典全铰接结构，角度调节灵活方便，广泛适用于国内外施工尤其是隧道施工的需求；
 - 3、自动上下钻杆机构，可以自动协助拆卸钻杆和套管，减少人力劳动，提高施工效率；
 - 4、大扭矩、高转速、强功率。针对砂卵石、碎石、夹石土、沙层等易塌孔要靠冲击钻进的地层，实现快速钻进，确保成孔质量。尤其地层含水量太高无法使用潜孔冲击器工作时，本机所用的施工工艺成为不二选择；
 - 5、施工应用:超前探孔、水平取芯、隧道管棚等隧道施工；S-JET、高精度全套管引孔；锚固、高压旋喷、引孔、微型桩等各类施工。
- 1、The drifter can achieve the effect of impact drilling without the use of DTH hammer and air compressor;
 - 2、Reinforced international classic fully articulated structure with flexible angle adjustment, widely applicable to domestic and international construction, especially for tunnel construction;
 - 3、Auto rod hand can assist in disassembling drilling rods and casings, reducing manual labor and improving efficiency;
 - 4、High torque, high speed and strong power. For sand pebbles, gravel, rocky soil, sand layer and other formations that are easy to collapse the hole to rely on percussion drilling, to achieve rapid drilling to ensure the quality of the hole. Especially when the water content of the stratum is too high to use DTH hammer, the construction technology used in this rig is an excellent choice;
 - 5、Applications: over the probe hole, horizontal coring, tunnel pipe shed and other tunnel construction; S-JET, high-precision full set of tube pilot hole; anchor, jet grouting, pit support, pilot hole, micro-pile and other types of engineering construction.

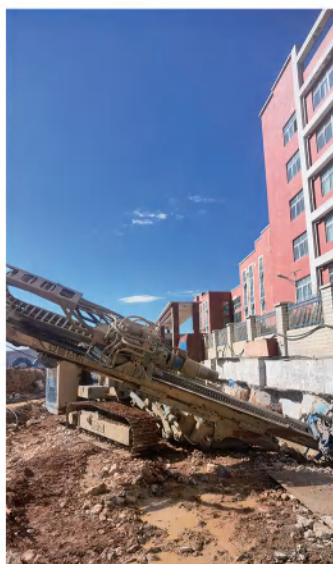
施工案例 Construction cases



隧道管棚
Tunnel forepoling umbrella



隧道注浆
Tunnel grouting



基坑锚索
Foundation anchor cable



旋喷加固
Jet grouting reinforcement

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Fully articulated Rig

锚固参数 Anchor parameters

参数	Rig parameters	锚固 Anchor			单位 Unit
重量	Weight	20720			kg
运输尺寸	Transport dimension	8400*2750*3250			mm
垂直施工尺寸	Vertical working dimension	6600*2400*7450			mm
履带底盘		Undercarriage			
轴距	Wheel base	2525			mm
最大宽度	Max width	2400			mm
履带宽度	Pad width	500			mm
最大爬坡能力	Max. climbing ability	20			°
最快行走速度	Max. speed	1600			m/h
液压动力组件		Power pack			
柴油机功率 ★	Diesel engine ★	194 kW @ 2200 rpm			
电动机功率 ☆	Electric power ☆	64 & 55+55			kW
系统压力	System pressure	28			MPa
系统流量	System flow	234+180			L/min
液压油容积	Oil tank	580			L
柴油箱容积	Fuel tank	300			L
桅杆		Mast			
推进架行程	Feed stroke	4100			mm
总长	Total length	7185			mm
给进力	Feed force	80			kN
给进速度	Feeding speed	0-50			m/min
提升力	Lifting force	80			kN
提升速度	Lifting speed	0-50			m/min
夹持器		Clamps			
夹持范围	Clamping range	φ73-φ350			mm
夹紧力	Clamping force	235			kN
卸扣扭矩	Breaking torque	68500			N·m
动力头参数		HD-250 ★	HD-120X	HQ-250	
最大扭矩	Max torque	24480	16425	25000	N·m
最大转速	Max speed	84	308	150	r/min
最大冲击功	Max impact power	1180	650	/	N·m
最大冲击频率	Max impact frequency	2000	2300	/	bpm
螺纹输出	Threaded output	H112	H92	REG4-1/2	



HD-250 ★



HD-120X



HQ-250

(★表示标配, ☆表示选配 ★ means standard, ☆ means optional)

参数表仅供参考, 具体请与销售 / 技术确认
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全铰接钻机

Fully articulated Rig

锚固配置 Anchor sections

- 1、全柴油动力系统—摆脱电缆束缚，转场灵活高效
- 2、升降式转臂操作台—优化人机协作，提升操作安全
- 3、高稳定性变角机构—精准适应多样化的施工工艺对钻孔角度的要求
- 4、350mm大口径夹持器—专为大口径钻孔施工设计，夹持稳固（可选配三夹持器系统 ☆）
- 5、无线远程行走控制—支持远程遥控行走，安全可靠
- 6、钻参仪 ☆ —实时监测、记录并显示施工数据
- 7、上下钻杆机构 ☆ —减轻人力，提高换杆效率
- 8、下锚机 ☆ —减轻人力，提高下锚索效率

- 1、Full Diesel Power System – Free from cable constraints, enabling flexible and efficient relocation.
- 2、Lifting-Slewing Operation Station – Optimizes human-machine collaboration and enhances operational safety.
- 3、High-Stability Angle Adjustment Mechanism – Precisely adapts to diverse drilling angle requirements for various construction processes.
- 4、350mm Large-Diameter Clamp – For large-diameter hole construction, ensuring secure gripping (Triple-clamp system optional ☆).
- 5、Wireless Remote Control – Allows remote-controlled movement, ensuring safe and reliable operation.
- 6、Data Recording System ☆ – Monitors, records, and displays real-time construction data.
- 7、Auto Pipe Handling System ☆ – Reduces manual labor and improves pipe-changing efficiency.
- 8、Anchor Installation Unit ☆ – Minimizes manual effort and enhances anchor cable installation efficiency.

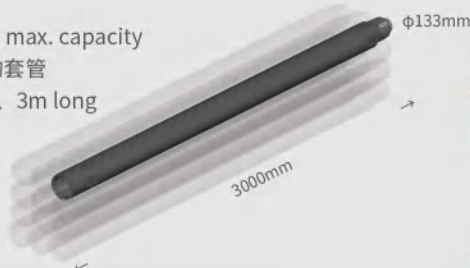


上下钻杆机构最大容量

Auto pipe handling system max. capacity

—12根 $\phi 133\text{mm}$ 、3m长的套管

—12 drill pipes $\phi 133\text{mm}$ 、3m long



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旋喷参数 Jet-grouting parameters

参数	Rig parameters	旋喷 Jet-grouting		单位 Unit
重量	Weight	16000-18000		kg
运输尺寸	Transport dimension	10000*2400*2750		mm
垂直施工尺寸	Vertical working dimension	6600*2400*21800		mm
履带底盘	Undercarriage			
轴距	Wheel base	2525		mm
最大宽度	Max width	2400		mm
履带宽度	Pad width	500		mm
最大爬坡能力	Max. climbing ability	20		°
最快行走速度	Max. speed	1600		m/h
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夹持器	Clamps			
夹持范围	Clamping range	φ73-φ350		mm
夹紧力	Clamping force	235		kN
卸扣扭矩	Breaking torque	68500		N·m
动力头参数	Drifter parameters	HT-100 ★	HQ-250	
最大扭矩	Max torque	10000	25000	N·m
最大转速	Max speed	85	150	r/min
施工参数	Construction			
钻孔角度	Hole angle	90		°
钻杆直径	Pipe diameter	φ89, φ114, φ127		mm
一杆到底	One single path	18000		mm
副塔	Auxiliary mast	9000+6000 ★ (+3000 ☆)		mm



HT-100 ★



HQ-250

(★表示标配, ☆表示选配 ★ means standard, ☆ means optional)

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- 2、升降式转臂操作台—优化人机协作，提升操作安全
- 3、高稳定性变角机构—精准适应多样化的施工工艺对钻孔角度的要求
- 4、350mm大口径夹持器—专为大口径钻孔施工设计，夹持稳固（可选配三夹持器系统 ☆）
- 5、无线远程行走控制—支持远程遥控行走，安全可靠
- 6、钻参仪 ☆ —实时监测、记录并显示施工数据
- 7、副塔—①一杆到底18米 ★；②一杆到底21米 ☆
- 8、旋喷动力头2款可选—HT-100 ★；HQ-250 ☆
127钻杆大直径旋喷施工；大扭矩，自钻自喷

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- 4、350mm Large-diameter Clamp – For large-diameter hole construction, ensuring secure gripping (Triple-clamp system optional ☆).
- 5、Wireless Remote Control – Allows remote-controlled movement, ensuring safe and reliable operation.
- 6、Data Recording System ☆ – Monitors, records, and displays real-time construction data.
- 7、Auxiliary Mast (Optional) – ①Single-pass 18-meter drilling ★；
②Single-pass 21-meter drilling ☆
- 8、2 kinds of rotary head - $\phi 127$ pipe large diameter construction ;
High torque, self drilling and self jet-grouting

副塔

Auxiliary Mast

一杆到底 **18** 米 ★

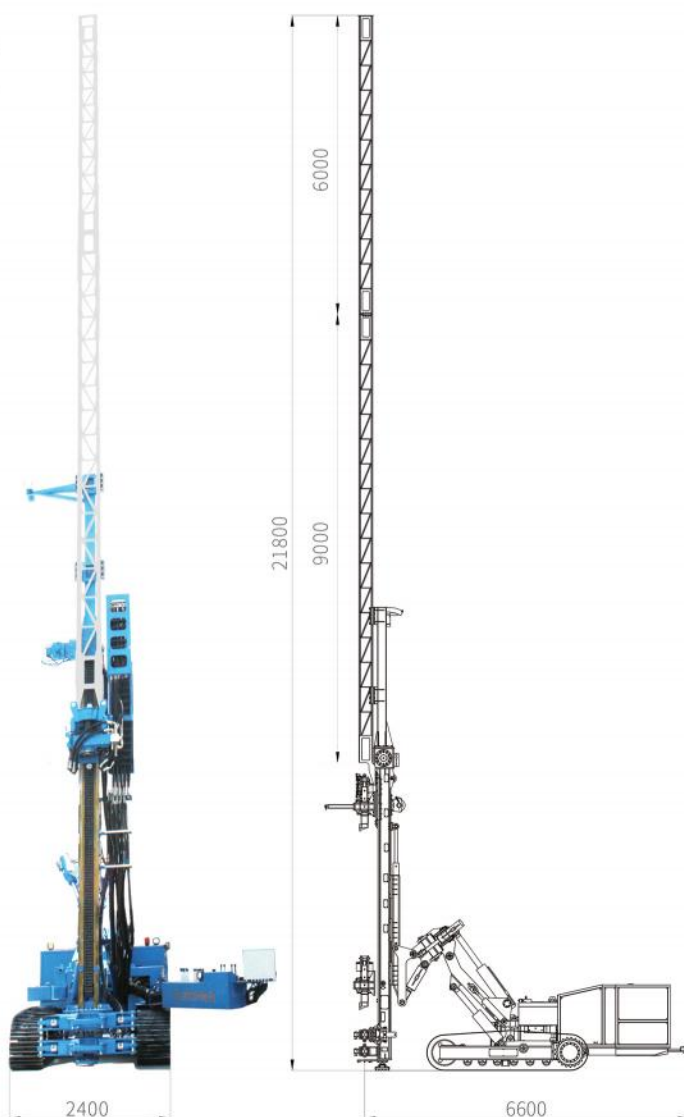
Single pass depth **18** meters ★

钻参仪 ☆

Data Recording System ☆



浆压、浆量、提升速度、转速等 11 个施工参数实时记录
Real-time recording of 11 construction parameters such as slurry pressure, slurry volume, lifting speed, rotational speed, etc.

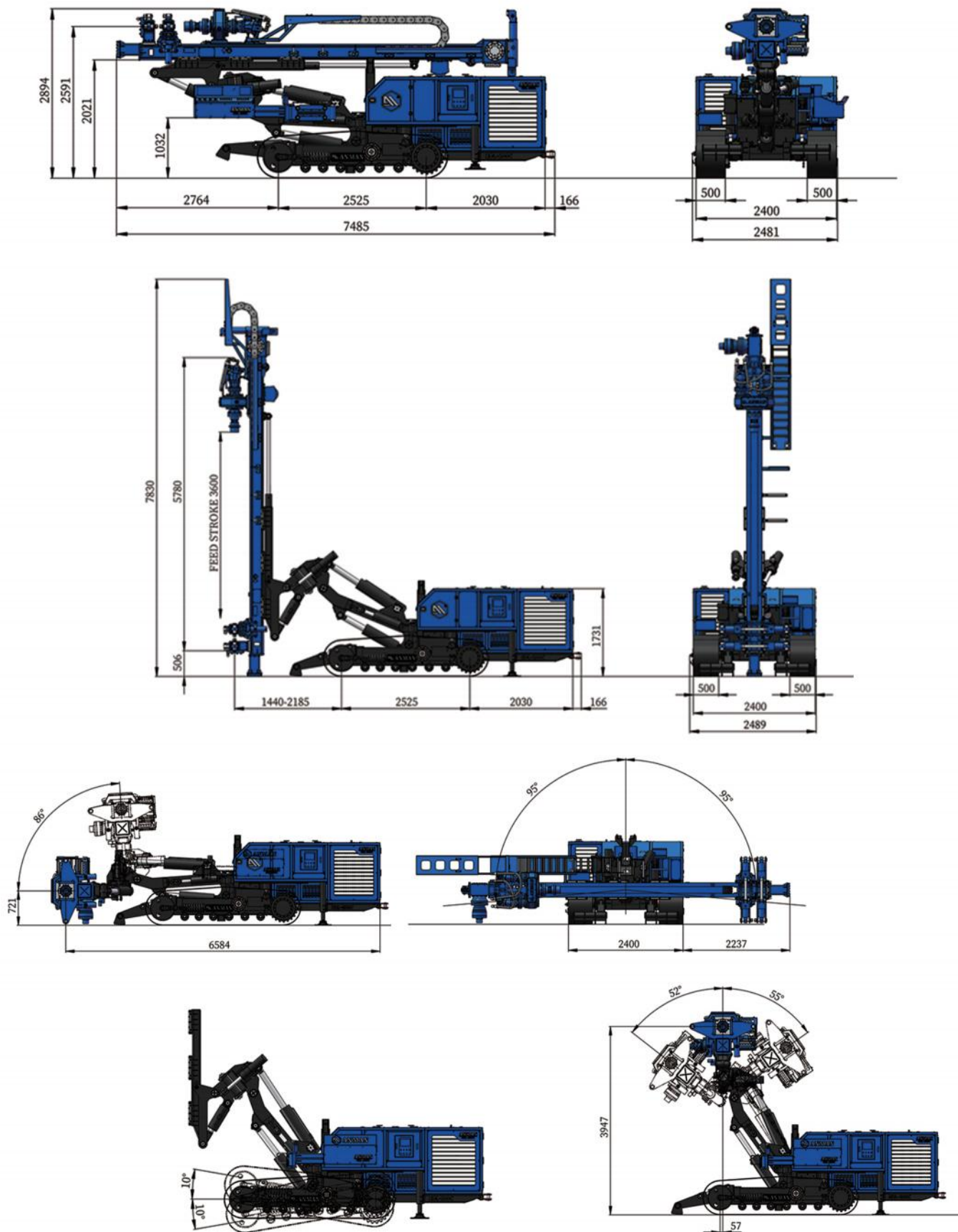


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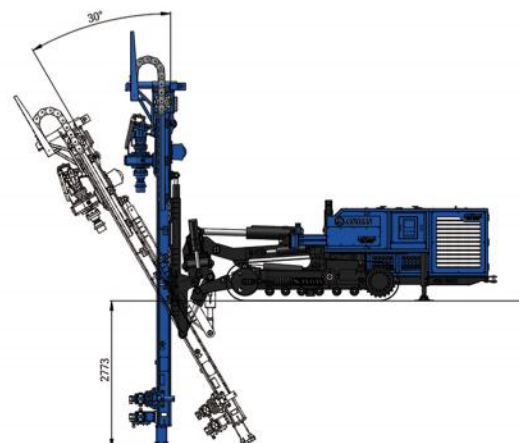
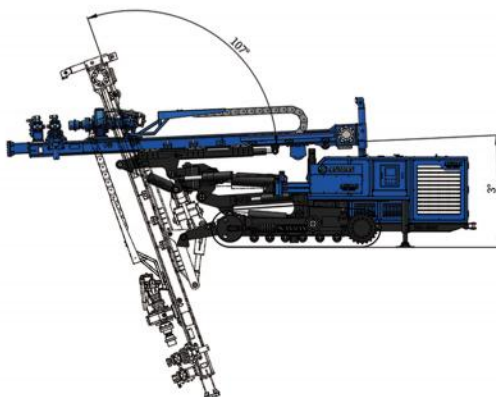
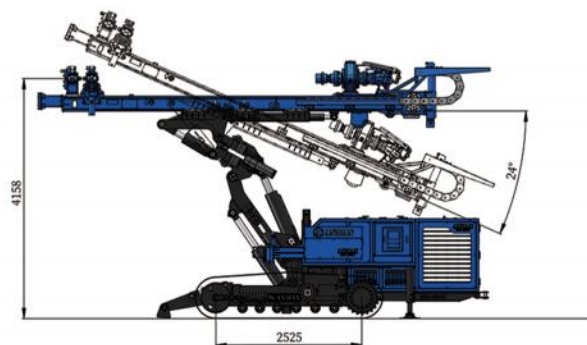
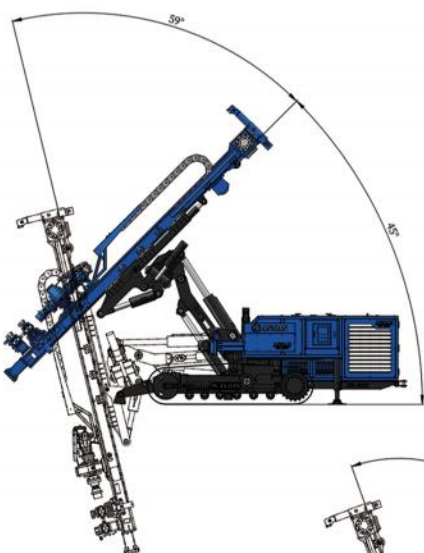
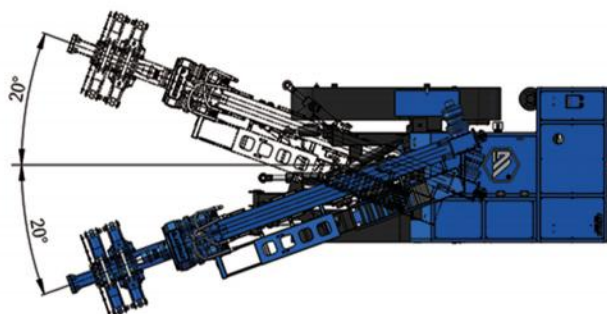
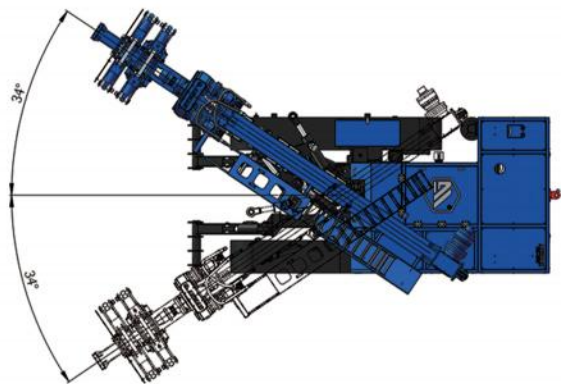
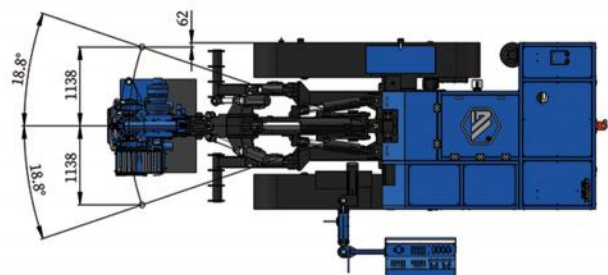
施工角度图 Construction angle diagram



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Fully articulated Rig

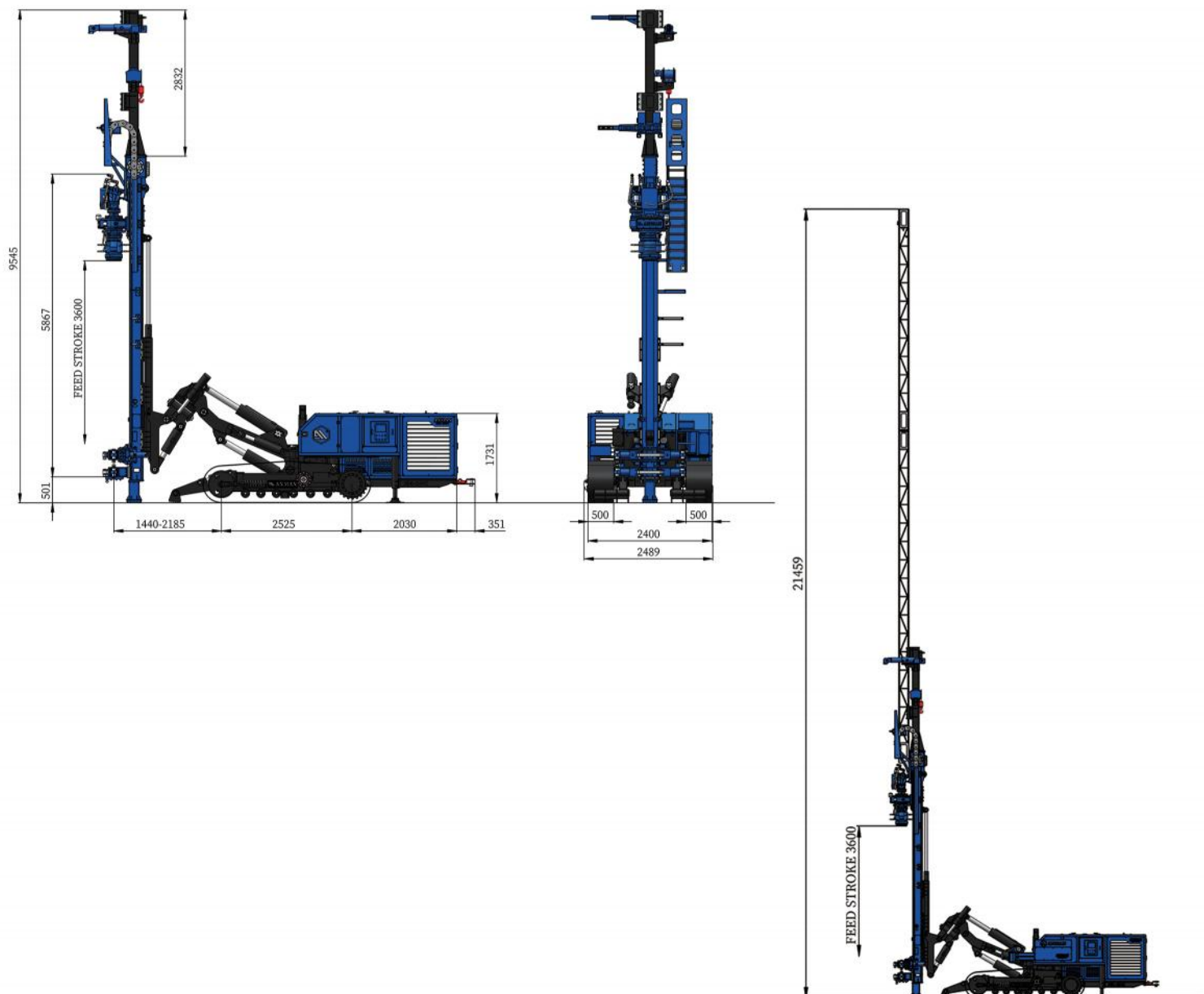
Technical drawing of the KAMM 10000 crane showing side and front views with dimensions in mm.

Side View Dimensions:

- Overall height: 2917
- Height to top of boom: 2764
- Height to top of counterweight: 2421
- Height to top of chassis: 1851
- Height to top of boom (at rear): 1032
- Height to top of chassis (at rear): 1787
- Overall length: 9545
- Length of boom: 4267
- Length of chassis: 2525
- Length of counterweight: 2030
- Length of rear section: 351

Front View Dimensions:

- Width of chassis: 2400
- Width of counterweight: 2489
- Width of rear section: 500
- Width of chassis (at rear): 500



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施工案例 Construction cases



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灌注引孔
Cast-in-place pile pilot hole



灌注引孔
Cast-in-place pile pilot hole



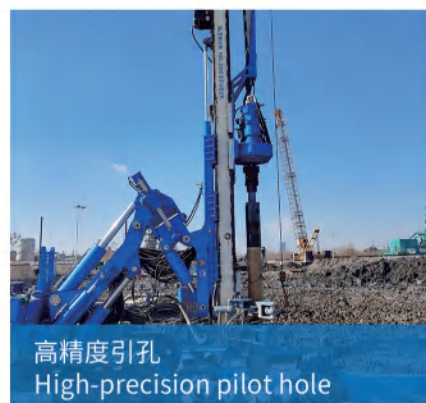
高精度引孔
High-precision pilot hole



注浆引孔
Grouting pilot hole



注浆引孔
Grouting pilot hole



高精度引孔
High-precision pilot hole



旋喷加固
Jet grouting reinforcement



旋喷加固
Jet grouting reinforcement



旋喷加固
Jet grouting reinforcement

产品给客户创造财富
Products create wealth for customers

企业给员工创造幸福
Enterprises creat happiness for employees



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