



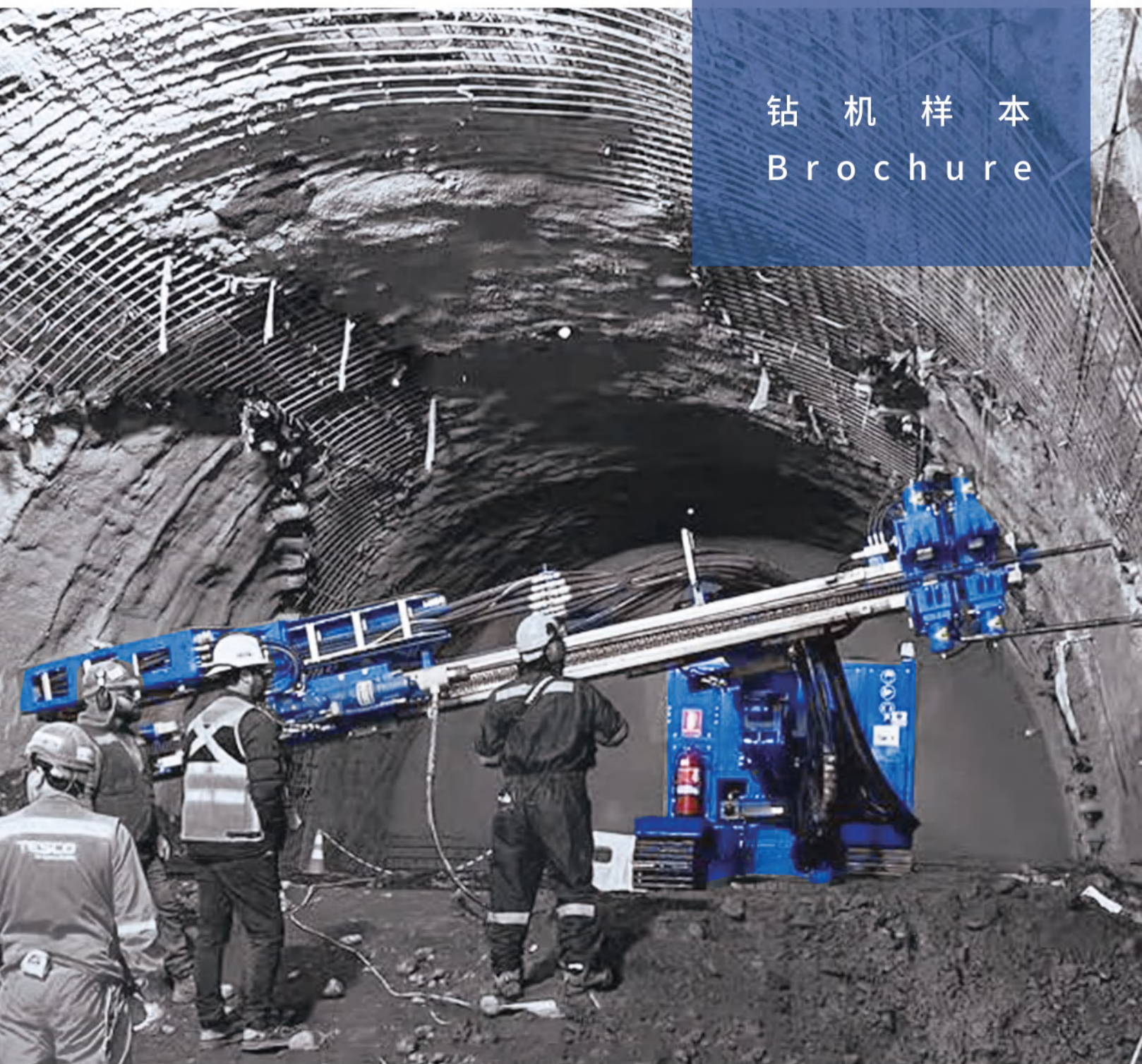
安曼钻机
ANMAN

国家级
专精特新
“小巨人”企业

AM-8

微型顶驱钻机
Micro Drilling Rig

钻机样本
Brochure



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微型顶驱钻机

Micro Drilling Rig

主要 施工特点

- 1、整机全液压控制，动力头采用双液压马达驱动，输出扭矩大，具备钻机复杂地层和处理事故的能力，满足大部分地层的施工要求；
- 2、动力头带有大功率顶部冲击，不用潜孔锤和空压机就可以达到冲击钻进的效果；
- 3、全方位变角机构的调节，使对孔方便，可调节范围广，降低对工作面的要求；
- 4、体型小巧，移机灵活，可以满足地下室、室内、隧道等狭小空间的施工需求；
- 5、配套跟管钻进钻具，可实现套管护壁施工；配套注浆钻具，可实现钻孔注浆一次完成，减少材料消耗；
- 6、施工应用：隧道超前探孔、溶洞治理、微扰动注浆、房屋纠偏等施工工艺；适用于：基坑、控制建筑物位移、隧道、地下室等工程领域施工。

Main characters

- 1、Whole rig is fully hydraulic controlled, and the drifter is driven by double hydraulic motors with high output torque, which has the ability of drilling complex strata and dealing with accidents, and meets most of construction requirements;
- 2、Drifter has high power percussion, achieving impacting drilling without DTH hammer and air compressor;
- 3、Omnidirectional variable angle mechanism, convenient to align the holes, can be adjusted in a wide range, reducing the requirements of the working surface;
- 4、Compact size, flexible movement, meet needs of construction of basement, indoor, tunnels and other narrow space;
- 5、Complementary with pipe drilling tools, can realize casing wall construction; complementary with grouting drilling tools, can realize drilling and grouting completed in one time, reduce material consumption;
- 6、Construction application: tunnel overrun probe hole, solution hole management, micro-disturbance grouting, house correcting and other construction processes; applicable to: foundation pit, control building displacement, tunnels, basements and other engineering fields of construction.

施工案例 Construction cases



隧道超前注浆
Tunnel Advance Grouting



隧道超前注浆
Tunnel Advance Grouting

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技术参数 Technique specifications

整机参数	Rig parameters	AM-8
重量	Weight	9400 kg
运输尺寸	Transport dimension	6300*2200*2820 mm
履带底盘	Undercarriage	
轴距	Wheel base	2320 mm
最大宽度	Max width	2100 mm
履带宽度	Pad width	400 mm
最大爬坡能力	Max. climbing ability	20 °
最快行走速度	Max. speed	1900 m/h
液压动力组件	Power pack	柴动 Diesel
发动机功率	Engine	103 kW
系统压力	System pressure	20 MPa
系统流量	System flow	304 L/min
液压油容积	Oil tank	450 L
柴油箱容积	Fuel tank	120 L
桅杆	Mast	JJ3426
推进架行程	Feed stroke	3400 mm
总长	Total length	5700 mm
给进力	Feed force	35 kN
给进速度	Feeding speed	22、59 m/min
提升力	Lifting force	50 kN
提升速度	Lifting speed	13、35 m/min
夹持器	Clamps	MJX2F-2
夹持范围	Clamping range	φ60-φ200
夹紧力	Clamping force	157 kN
卸扣扭矩	Breaking torque	15000 N·m
动力头参数	Drifter parameters	HD-100
最大扭矩	Max torque	9000 N·m
最大转速	Max speed	120 r/min
最大冲击功	Max impact power	650 N·m
最大冲击频率	Max impact frequency	2300 bpm
螺纹输出	Threaded output	H92
施工参数	Construction	
钻孔角度	Hole angle	-18~129 °
钻杆直径	Pipe diameter	φ60-φ89 mm
举升高度	Lifting height	4000 mm

因产品在不断地改进和发展，结构和技术参数均可能随之改变。参数表供参考，具体参数请与销售或技术确认。
Due to the continuous improvement of the product, the structure and technical parameters may change accordingly.
The parameter table is for reference, please confirm with sales or technical personnel for specific parameters.

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钻机特点 Features

1、HD-100动力头—双马达驱动

双液压马达驱动，扭矩大，满足复杂地层施工。冲击回转钻进，硬岩层高速成孔。

1. HD-100 Drifter- Dual-Motor Drive

Dual hydraulic motors deliver high torque for complex strata. Percussive-rotary drilling enables high-speed hole formation in hard rock.

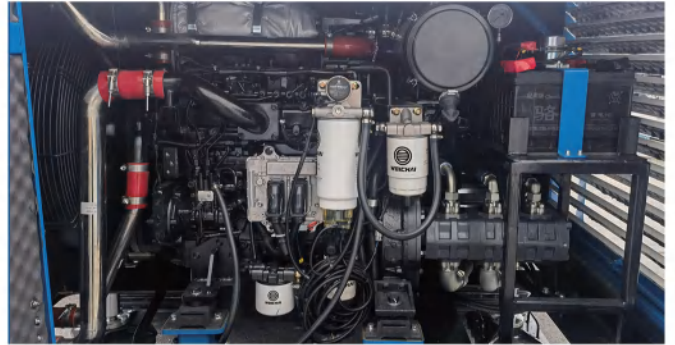


2、夹持器—对孔精准

集成夹持与卸扣，降低工人劳动强度，提升效率。孔口导向设计确保对孔精准，施工安全可靠。

2. Clamp - Precise Alignment

Integrated clamping and breakout reduces labor intensity and boosts efficiency. Hole-mouth guiding ensures accurate alignment and operational safety.



3、柴油机—独立动力

移机不受电缆限制。针对高温工况优化散热系统，适应严苛野外施工。

3. Diesel Engine - Independent Power

Cable-free relocation. Optimized cooling system for high-temperature field operations.



4、操作台—全液压控制

转臂式设计，操作灵活施工安全，提升狭小空间内的施工效率与安全性。

4. Operator Station - Full Hydraulic Control

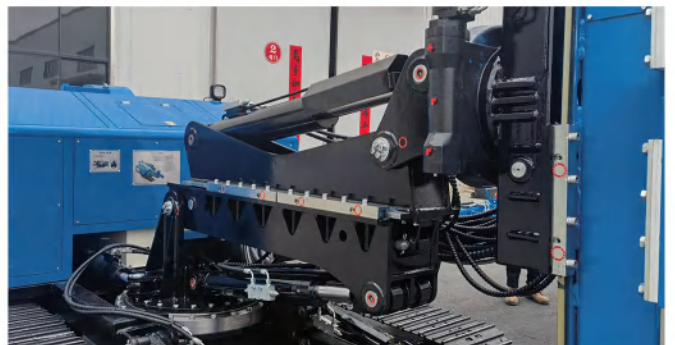
Slewing arm design allows flexible, safe operation in confined spaces, enhancing both efficiency and safety.

5、变角机构—全方位调节

全方位变角机构，对孔方便，大幅降低对施工工作面的要求，适应隧道、边坡等多角度钻孔工况。

5. Angle Adjustment Mechanism - Full-Range Positioning

Full-range adjustment facilitates easy hole alignment, minimizing working platform requirements—ideal for tunnels, slopes, and multi-angle drilling.

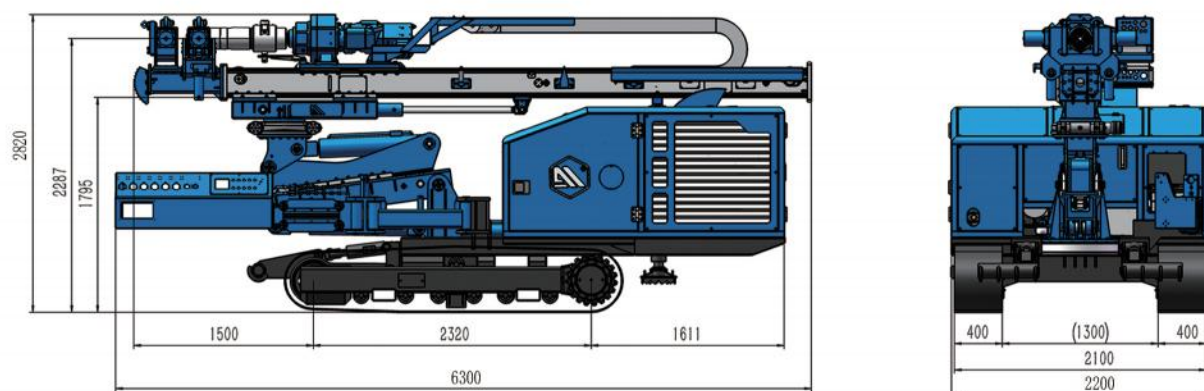


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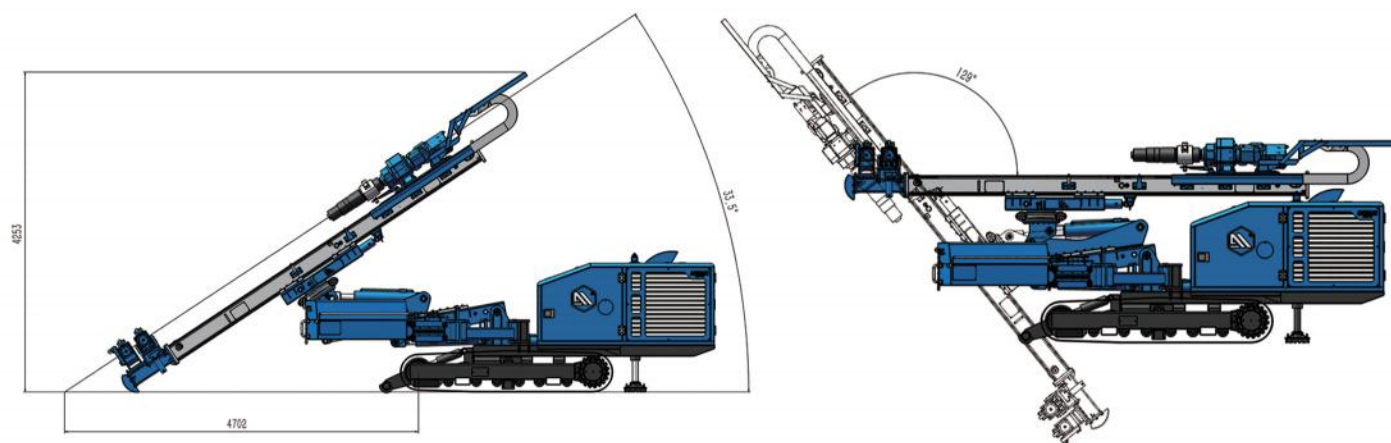
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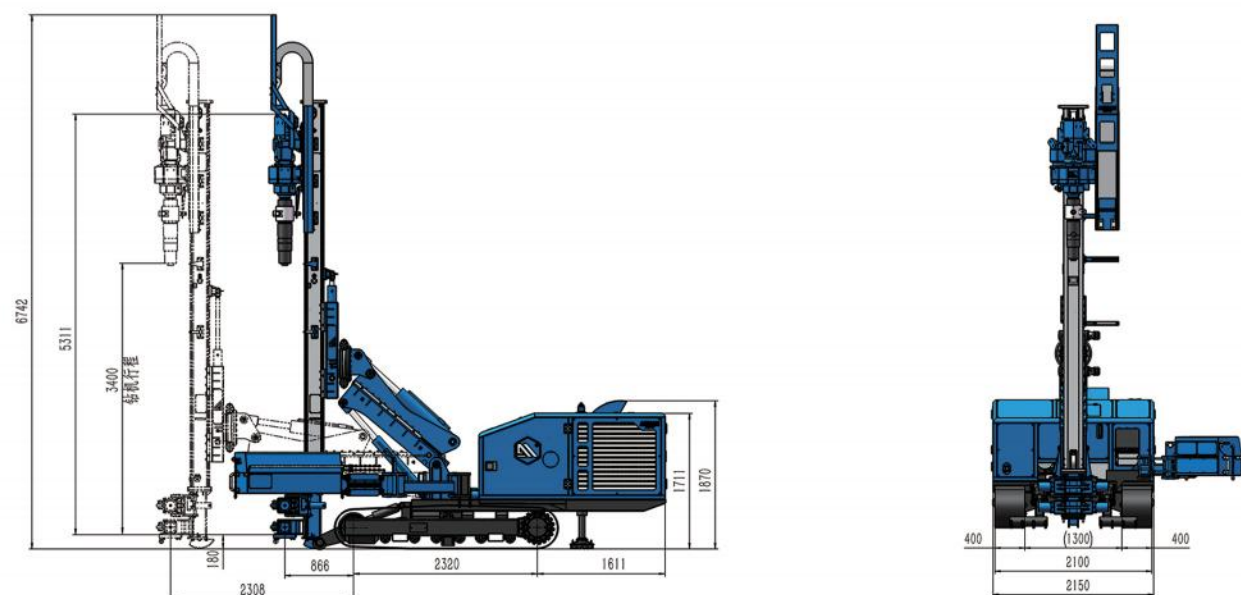
运输尺寸 - Transport dimensions



施工尺寸 - Construction dimensions



垂直施工尺寸 - Vertical construction dimension

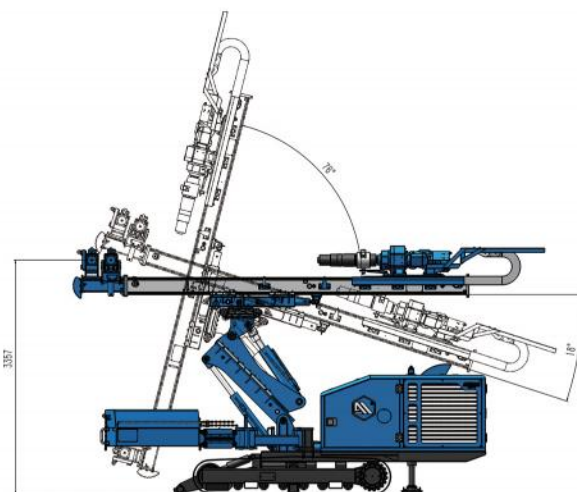
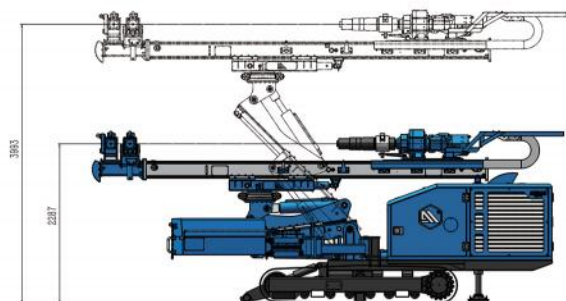


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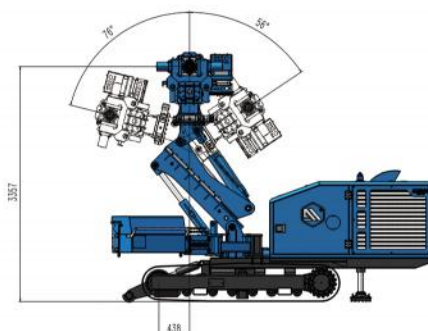
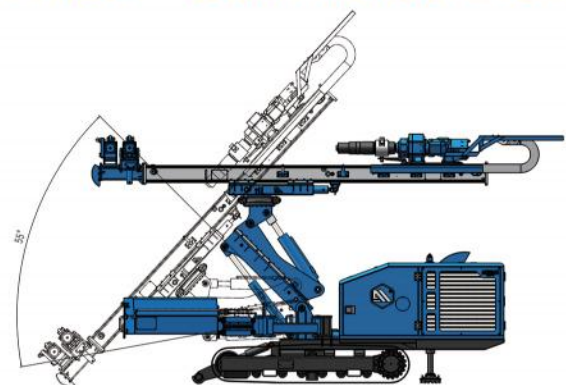
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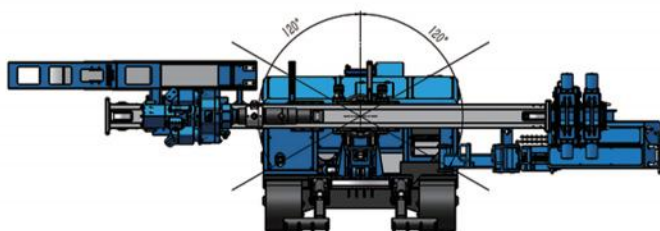
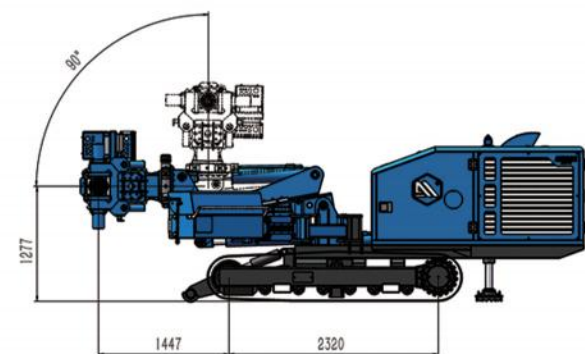
举升角度——Boom Elevation Angle



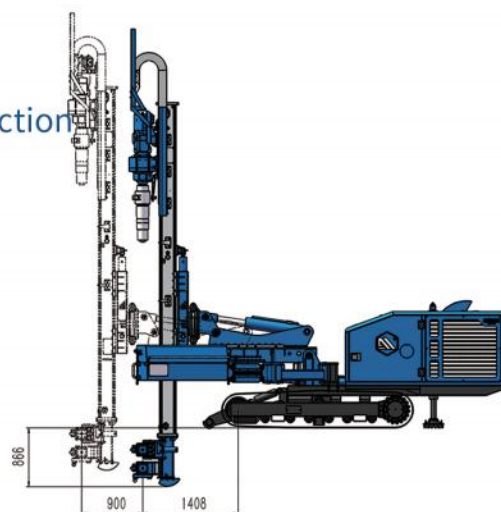
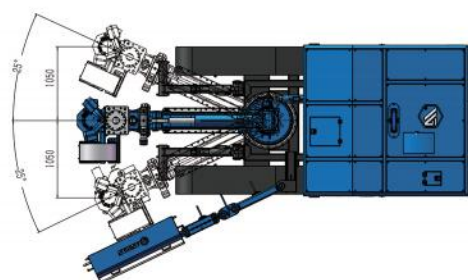
举臂起塔——Boom Articulation & Tower Erection



横向施工——Horizontal Construction



左右摆角——Boom Yaw Angle 垂直施工——Vertical Construction



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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版本号：AM/YB 2026 年 07 月

Edition: AM/YB 07.2026