

MX-120A2 型 分体式边坡锚固钻机

MX-120A2型边坡锚固工程钻机适用于水电站工程、铁路、公路边坡大吨位预应力锚杆支护孔、排水孔施工，以及危岩体锚固等地质灾害治理工程。钻机分为三个部分：泵站、操纵台、主机。分体式结构使搬迁、安装方便；可以进行远距离操纵，改良了员工的工作环境。其中1200mm的推进架适用于施工空间较小的工况。

主要特点：

- 1、结构紧凑，重量轻，分解方便，便于搬迁和安装。对施工现场适应性好，适合脚手架上施工。
- 2、钻机动力头扭矩大，行程长，钻进效率高。
- 3、配有特定的跟管钻进钻具（钻杆、套管、偏心钻头等），在不稳定地层用套管护壁开孔，常规球齿钻头终孔。钻进效率高，成孔质量良好。
- 4、钻机钻孔角度范围大，由上仰10°到下俯90°；滑架可沿底架前后滑移，钻孔定位方便。钻机中心低，钻机上、下方便。
- 5、全液压控制，操作方便灵活，省时、省力。
- 6、可选配孔口集尘装置，减少环境污染，改良工作环境。

主要技术参数/Main technique specifications:

使用性能	Parameters	MX-120A2
钻杆直径	Rod Diameter	Φ89~Φ114mm
钻杆倾角	Hole Angle	-10~90°
动力头最大转速	Max speed	100r/min
动力头最大扭矩	Max torque	6500N·m
动力头行程	Stroke of Rotary Head	1800mm
给进行程	Stroke of Slide Frame	600mm
动力头提升力)	Lifting force of rotary Head	62kN
动力头提升速度	Lifting speed of rotary head	0~1、7.5、8.5m/min
动力头加压力	Feeding Force of rotary head	32kN
动力头加压速度	Feeding Speed of rotary head	0~2、14.5、16.5m/min
输入功率	Electric power	45+1.5kW Electric / 70kW Diesel
运输状态（长*宽*高）	Dimension (L*W*H)	3400*646*1400mm
重量(泵站+操作台+推进架)	Weight (pump station + console + propelling crack)	700+120+1100kg

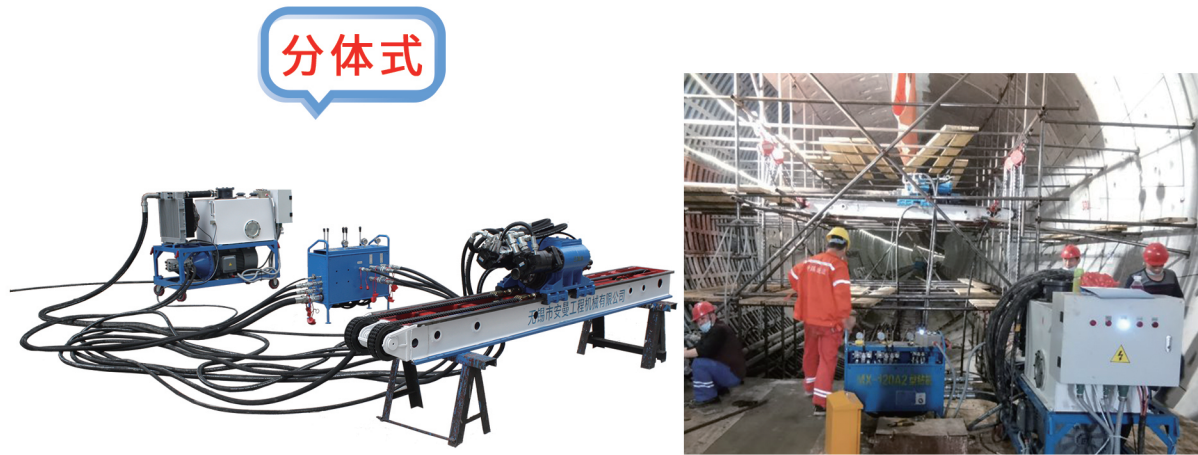
MX-120A2 Series Slope Anchor Drilling Rig

MX-120A2 drilling rig is mainly for the anchoring engineering of coast and dangerous rock/cliff mass for geological disaster prevention activity ,and the anchoring engineering of high- slope or dangerous rock body etc to control displacement of buildings, and also for supporting of deep-foundation pit and groundwork reinforcing engineering in urban construction site, for blowing up engineering or blowing up hole etc.

The drilling rig is divided into three parts that is main frame, pump station and control station, It is easy to assemble and disassemble. The operator can operate the drilling rig far from the hole to improve work environment. When the work environment is small, client can select the mast of 1200mm length.

Main characteristics:

1. Compact structure, light weight, strong disassembly, easy moving and installing, strong applicability to construction site, more suitable for constructing on the false work.
 2. The rotary head has large torque, long stroke and high working efficiency.
 3. Equipped with special casing-followed drill tools(such as drill road, casing, eccentric bits etc, using the casing-wall protecting- boring technology in unstable stratum and deploying the spheroid drill bit to finish the boring. High drilling efficiency and satisfy boring quality.
 4. This drilling rig has a wide scope of drill angle from elevation 10°to depression 90° , the slide frame can sliding and moving to- and fro along with bottom, frame with easy and reliable drilling and orientation. The drill rig is lower in the central so that moving of drill tolls up-and-down is very convenient.
 5. Total hydraulic control with easy operating, saving time and energy.
 6. With orifice dust-collecting device to reduce environment pollution and to improve working environment
- The rotary head has large torque, long stroke and high working efficiency.



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