

AGL-460/G 型 光伏钻机

AGL系列光伏钻机是我公司响应国家号召、适应市场需求，针对太阳能光伏桩施工研发的可根据不同施工要求变更施工模块的高效钻机
AGL series drilling rig is an efficient drilling rig developed by our company in response to national calls and market demands for the construction of solar photovoltaic piles, which can change construction modules according to different construction requirements.



主要施工特点：

- 1、施工效率提升30%。搭载了全新升级的转速自适应系统；
- 2、施工应用场景覆盖面广。高转速、大扭矩、破碎锤施工，富裕的发动机功率，可根据不同施工场景变更不同施工模块，一机多用；
- 3、可实现6米长型钢植桩施工。全面满足市场所需的施工要求；
- 4、全方位对孔灵活。转臂可实现左右摆角，俯仰角可调节，多角度对孔快捷又方便；
- 5、山地戈壁施工不受限制。履带抓地力强，伸缩式高低腿履带，广泛适应斜坡施工；
- 6、对孔精准。配置孔口导向装置，精准对孔，施工安全可靠；
- 7、广泛应用于：光伏太阳能桩、螺旋钻杆施工、地桩植入等施工场景。

主要技术参数/Main technique specifications:

使用性能	Parameters	AGL-460	AGL-460G
最大冲击功（选配）	Max impact energy（optional）	1326 N·m	1326 N·m
最大冲击频率（选配）	Max impact frequency（optional）	800 bpm	800 bpm
动力头最大扭矩	Max rotary head torque	8500 N·m	8500 N·m
动力头最大转速	Max rotary head speed	80 r/min	80 r/min
动力头流量	Rotary head flow	170 L/min	170 L/min
系统压力	System pressure	20 MPa	20 MPa
推进架行程	Propulsion frame stroke	4600 mm	4600 mm
压桩最大行程	Maximum stroke of pile pressing	6000 mm	6000 mm
滑架俯仰角度	Sliding frame pitch angle	110°	110°
滑架摆动角度	Sliding frame swing angle	左15°，右25°	左15°，右25°
举臂摆动角度	Drill arm swing angle	90°	± 25°
主机功率（柴油机）	Engine power（diesel）	96 kW	96 kW
燃油箱容积	Fuel tank volume	110 L	160 L
适应最大坡度	Adaptation to gradient（max）	25°	30°
行走速度	Walking speed	2500/4000 m/h	2500/4000 m/h
运输尺寸(L*W*H)	Transport dimension	5960*2075*2550 mm	5960*2148*2577 mm
重量	Weight	7000 kg	7000 kg
伸缩式高低腿履带	Telescopic high-low leg crawler tracks	×	√

Main characters:

- 1. Improve construction efficiency by 30%. Equipped with a newly upgraded speed adaptive system;
- 2. The coverage of construction application scenarios is wide. High speed, high torque, crushing hammer construction, with abundant engine power, different construction modules can be changed according to different construction scenarios, and one machine can be used for multiple purposes;
- 3. Can achieve construction of 6m long steel planting piles. Fully meet the mariket construction requirements ;
- 4. Flexible hole alignment in all directions. Turning the arm can achieve left and right swing angles, and the pitch angle can be adjusted, making multi angle hole alignment quick and convenient;
- 5. Unrestricted construction in mountainous areas and Gobi. tracks with strong grip, telescopic high and low leg tracks, widely adapted to slope construction.;
- 6. Accurate hole alignment. Equipped with orifice guiding device, precise hole alignment, safe and reliable construction;
- 7. Widely used in scenarios such as photovoltaic solar pile, spiral drill pipe, and ground pile implantation.