

Diamond wire saw machine

产品特点 / PRODUCT FEATURES :

机器对电源相位没有要求，不需对电源相位进行鉴别和调换；

具有手动、自动控制切换功能，操作简便，设备自动运行时可完全实现无人操纵，一人可操作多台设备，自动化程度高；

标准型 A

采用先进的双变频技术，对矿石的切割实现实时监控,实时显示主机电流、主电机速度，适用于各种花岗岩和大理石等矿石开采；

自动切割采用恒张力原理，能根据切割负载的变化自动调整进给速度，调整精度高，实现较高的开采效率和较小绳锯消耗；

机器具有缺相、过载、旋转限位的保护功能；

高端型 G

采用双变频与 PLC 结合的控制方式，在切割时根据设定参数更精确实现绳锯恒张力切割，提升自动切割效率；

操作台数字化显示主机电流、主电机转速、行走速度和工作时间等切割参数，参数调整更简单、精准；

机器具有断绳、过载、缺相、旋转限位的保护功能；

No more requirements on the power phase.

Switching function manually or automatically, this realized unmanned control or one person control multiple machines.

Standard Diamond Wire Saw Machine

The advanced dual - conversion technology , which can realize the real - time monitoring 、 current the main motor & speed during cutting, it applies to all kinds of granite and marble mining.

Automatic cutting. It works on the principle of constant tension, which can adjust the speed and precision automatically. It realizes higher efficiency and lower cost.

Machines has the protect functions of overload、 open phase、 limit switches.

Advanced Diamond Wire Saw Machine

Combined with dual - conversion and PLC, it realizes constant tension cutting according to the set data, which can improve the efficiency.

Operation panel shows the electric current、 speed、 working time and so on, which is much easier and precise for adjustment.

Machines has the protect functions of broken - cable、 overload、 open phase、 limit switches.

技术参数/TECHNICAL PARAMETERS:

Diamond wire saw machine					
型号	Unit	37A/G	45A/G	55A/G	75A/G
主电机功率	kw	37	45	55	75
主飞轮直径	mm	φ 800		φ 800 φ 1000	
导向轮直径	mm	2- φ 350		2- φ 350	
绳锯线速度	m/s	0~40		0~40	
左右调整量	mm	400		450	
旋转角度	n°	360° 电动 Electric		360° 电动 Electric	
进给速度	m/h	0~50		0~50	
绳锯最大长度	m	80	100	120	150
整机重量	T	~1.9	~2.0	~2.7	~2.9
外形尺寸	mm	2110×1200×1430		2440×1480×1520	

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Model	Unit	37A/G	45A/G	55A/G	75A/G
Driving Power	kw	37	45	55	75
Flywheel's Diameter	mm	φ 800		φ 800 φ 1000	
Guide pulley's Diameter	mm	2- φ 350		2- φ 350	
Wire Linear Speed	m/s	0~40		0~40	
Adjustment Distance	mm	400		450	
Rotation Angle	n°	360° Electric		360° Electric	
Feeding Speed	m/h	0~50		0~50	
Max.Wire Length	m	80	100	120	150
Net weight	T	~1.9	~2.0	~2.7	~2.9
Dimensions(L×W×H)	mm	2110×1200×1430		2440×1480×1520	

参考:

<https://xinhaineng.en.made-in-china.com/product/bZofpWETJkrg/China-Diamond-Wire-Saw-for-Stone-Quarry.html>