



宝瑞德凿岩钻头修磨设备  
Button Bit Grinding Equipment



厦门宝瑞德机械设备有限公司  
地址：厦门市湖里区万达广场5号C1座805室  
手机：13911107654  
网址：www.prodrill.com.cn

Xiamen ProDrill Equipment Co., Ltd  
Address: Unit 805, No. 3 Jinzhong Road, Huli District, Xiamen, P.R. China  
Mobile / WeChat: +86 139-1110-7654  
Mobile / WhatsApp : +86 189-5924-3380  
Email: sales@prodrill.com.cn  
Website: www.prodrill.com.cn



## Button Bit Grinding Machine

Through years of experience and refinement, ProDrill™ manufactures high performance hand-held button bit grinder, grinding cups, grinding wheels, grinding pins, and other accessories.

### (1) Hand-held pneumatic grinder

Sanproco Grind G200 is a complete manual grinding system comprising a grinding machine, grinding cup and a specially designed quick adaptor.

#### Technical Specifications



Model	Sanproco Grind G200
Max Spindle Speed	22,000 RPM
Working Air Pressure	0.5-0.7MPa (5-7bar)
Air Consumption	1.8-2 m <sup>3</sup> /min
Hose diameter, air	16mm
Water flushing pressure	0.2-0.5 Mpa (2-5bar)
Hose diameter, water	6mm
Sound Level	80-90dB
Button Size for Grinding	Dia. 6-25mm
Vibration Level	<2.5 m/s <sup>2</sup>
Net Weight	3KG

### Quick Adaptor

The special designed quick adaptors allow our operator to replace the grinding cups quickly.

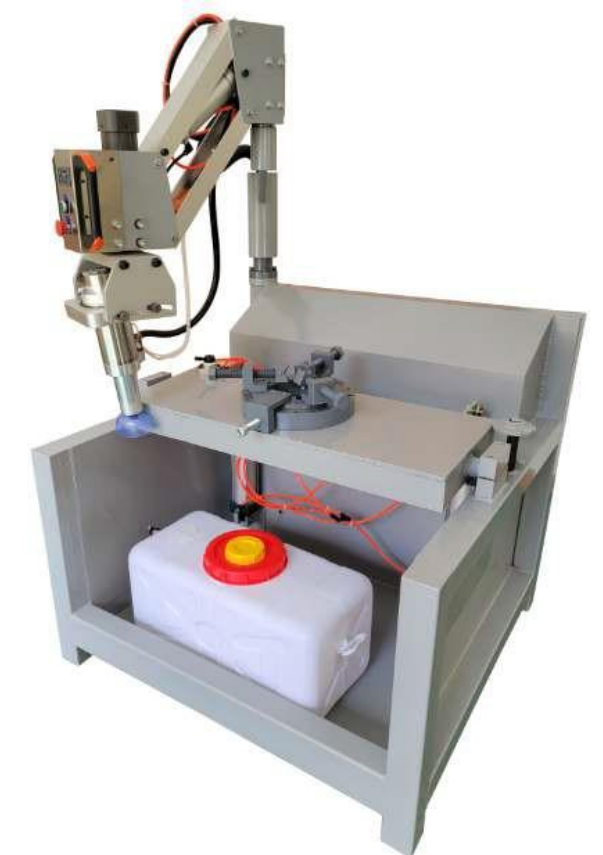


### Repair Kit



### (2) Semi-automatic electric grinder

Model	G320
Electrical specifications	Single phase, 208-240V 15-20Amps breaker 50 or 60 Hz
Rated electric power	4 KW
Max spindle speed	22,000 RPM
Working air pressure	7 Bar (100 psi)
Coolant	Self regulation water pump
Max water pressure	4 Bar (60 psi)
Water consumption	2-4 L/Min
Sound Level	<78 dB
Weight	475kg
Dimensions	120*112*176mm



## Button Bit Grinding Cups

**Crown profiles:** the high wear-resisting grinding cups made by ProDrill™ are available in several profiles to correspond with the geometry of the new button: Hemispherical (Round), Parabolic (Semi Ballistic), and Ballistic. The standard sizes for the crown profiles range from 6MM to 25MM (depending on the waterway style).

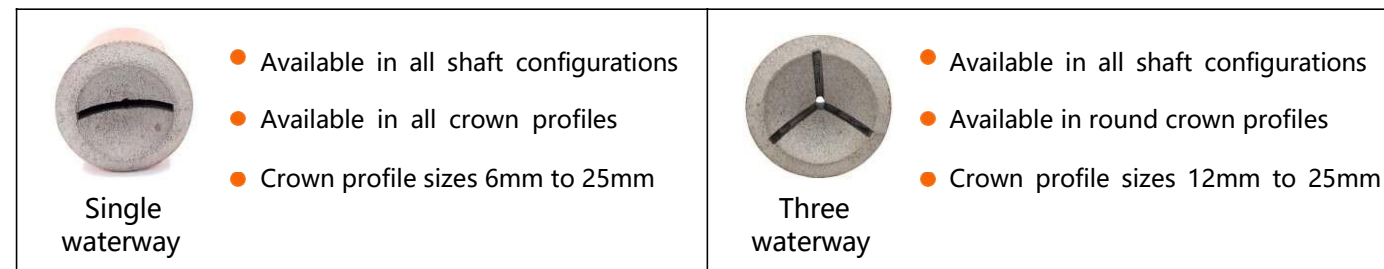
Crown profile sizes, Diameter				
6mm	10mm	14mm	18mm	22mm
7mm	11mm	15mm	19mm	23mm
8mm	12mm	16mm	20mm	24mm
9mm	13mm	17mm	21mm	25mm



**Shaft styles:** Drive arrangements are standardized to suit most common grinding machines:



**Waterways:** ProDrill™ offers 2 distinct waterway configurations:



**Grinding cup for steel removal**

	Available in all shaft configurations  Crown Profile Sizes 7MM to 20MM	7mm	8mm
		9mm	10mm
		11mm	12mm
		13mm	14mm
		16mm	18mm
		19mm	20mm

## Diamond Grinding Wheel

Grinding wheel	Size	
		7mm
9mm		10mm
11mm		12mm
13mm		14mm
15mm		16mm
18mm		19mm

Available in hemispherical & ballistic profile

**P.s:** Other sizes are also available

## Water Recycling Bit Support Tank

- control operating air pressure
- cooling water recycling
- lubricate the compressed air
- air filter

Model	ST500
Working air pressure of water pump	0.2-0.5 MPa
Air consumption of water pump	66L/Min
Tank volume	50L
OD of inlet air hose to grinder	16mm
OD of inlet water hose to grinder	6mm
Tank holding diameter	32-110mm
Tank size	60*50*84cm
Net weight	40KG

