

DFG 1000



The DFG 1000 is a sit-and-ride / wireless remote controlled 6-head planetary grinder designed for heavy duty grinding and polishing of large floor surfaces.

With a powerful 15kw (20hp) motor, planetary 6-head 4 v-belt drive system, the DFG1000 is superbly designed to grind large surface areas to very fine, highly polished surfaces without the swirl marks attributed to other grinding systems.

The patented 6-head design has 4 rotating and 2 counter rotating heads ensuring optimum balance during the grinding process, allowing the machine to grind more efficiently.

The balance of the machine is so precise that it can be tilted on its rear wheels with ease by pulling down on the handle at the top of the unit above the driver's seat. This means that visual inspection and change of tools can be performed quickly, efficiently and safely.

With a 1000mm grinding width, the DFG 1000 is capable of very high production rates, although this is dependent on the type of surface and the grinding process.

A magnetic and pin guide based system also makes tool changing quick and efficient with a selection of both metal and resin tools available.

Designed for dry grinding, no water tank is supplied; however, the DFG 1000 is designed to work with water as well.



Features

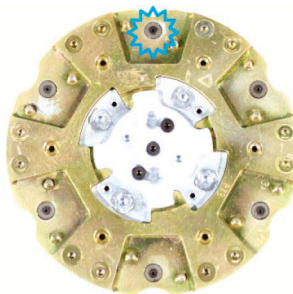
- Sit and Ride design
- Wireless remote control
- Patented 6-head planetary grinding head system
- 4 rotating and 2 counter rotating heads provide optimum balance and efficient grinding
- Variable speed grinding 300~1760 rpm
- Robust construction
- 4 v-rib drive belt system to minimise slip and power loss
- Easy belt replacement - only bottom of machine needs disassembling
- Machine travel at up to 12m per minute
- Powerful LED headlamps to aid visibility
- Lockable wheels for easy transport
- Programmable logic controller allows easy detection of problems and more reliable operation

Applications

- Accurate grinding of concrete surfaces
- Re-profiling of old concrete floors
- Removal of old coatings & contaminants
- Provides ideal preparation for thin film coating
- Concrete polishing to high gloss finish



Simple to change tools



Specifications

Type:	DFG 1000
Power Source:	380/415v 3-Phase
Frequency:	50Hz
Power Output:	15kw / 20hp
Weight:	750Kg
Head Speed:	300 ~ 1760 rpm
Grinding Width:	1000mm
Discs:	6 x 250mm
<u>Dimensions</u>	
Length:	2200mm
Width:	1000mm
Height:	1660mm

DFG 1000 Accessories

Metal Tools			
	<p>Single PCD Tool For coating removal</p>		<p>Double PCD Tool For rapid coating removal</p>
	<p>#16 Grit Soft Bond For initial smoothing of hard rough surfaces, coating and adhesive removal from hard dense concrete</p>		<p>#20/30 Grit Soft Bond First stage tool for grinding/polishing hard dense concrete.</p>
	<p>#60/80 Grit Soft Bond Second stage tool for grinding/polishing hard dense concrete</p>		<p>#100/120 Grit Soft Bond Third stage tool for grinding/polishing hard dense concrete.</p>
	<p>#16 Grit Medium Bond For initial smoothing of hard rough surfaces, coating and adhesive removal from medium density concrete</p>		<p>#20/30 Grit Medium Bond First stage tool for grinding/polishing medium density concrete</p>
	<p>#60/80 Grit Medium Bond Second stage tool for grinding/polishing medium density concrete</p>		<p>#100/120 Grit Medium Bond Third stage tool for grinding/polishing medium density concrete.</p>
	<p>#16 Grit Hard Bond For initial smoothing of hard rough surfaces, coating and adhesive removal from soft concrete</p>		<p>#20/30 Grit Hard Bond First stage tool for grinding/polishing soft concrete</p>
	<p>#60/80 Grit Hard Bond Second stage tool for grinding/polishing soft concrete</p>		<p>#100/120 Grit Hard Bond Third stage tool for grinding/polishing soft concrete</p>

Resin Tools For Concrete	
	<p>#50 Grit For a very fine scratch profile for use after metal bond or directly onto power floated concrete leaves perfect surface for thin film coatings or polishing with a minimum number of stages. Dry Use</p>
	<p>#100 Grit For the first stage of resin polishing leaves a matt finish. Dry Use</p>
	<p>#200 Grit For the second stage of resin polishing leaves a closed matt finish. Dry Use</p>
	<p>#400 Grit For the third stage of resin polishing leaves a honed silk finish. Dry Use</p>
	<p>#800 Grit For the fourth stage of resin polishing leaves a light reflective finish suitable for most industrial and commercial applications. Dry Use</p>
	<p>#1500 Grit For the fifth stage of resin polishing leaves a clear reflective shine ideal for decorative surfaces. Dry Use</p>
	<p>#3000 Grit For the final stage of resin polishing leaves a clear highly polished reflective shine on the surface Dry Use</p>