

## DFG 250



**A successful diamond grinder must give the operator complete control and at the same time have enough weight to act directly onto the grinding heads to facilitate accurate and rapid grinding.**

The unique design of the DFG 250 has a ballast weight that can be removed, together with precise adjustment of the fulcrum for the rear wheels allows for perfect grinding in all types of situations. Environmental considerations are fully controlled with a uniquely designed dust extraction port and a facility for using water when grinding. Noise is kept to a minimum by use of high power 3 phase electric motors and drive belt systems. With low operational noise, little or no impact vibration, consistent diamond wear rates and ease of operation make the DFG 250 economical for floor preparation work.

### DFG 250

The DFG 250 is available in 3 phase electric or petrol engine and is ideally suited for the grinding of most types of concrete floors. The machine has a dust extraction port for dust free operation when used in conjunction with the SPE vacuums. The rear wheels are mounted on a pivoting axle which allows the weight and balance of the machine to be altered according to the job specification and requirements. To aid operator comfort the handle bars are mounted on rubber vibration damped clamps. The machine also has a facility for the application of water at the head when wet grinding is required.

### Twin Speed Option

The DFG 250 is also produced in a twin speed version giving operation speeds of 700 and 1400 r.p.m. The slower speed being designed and introduced for the grinding of terrazzo and marble applications when using the SPE polymer diamond system. Optional higher rpm head speeds are available upon request.

### Features

- Simple foot pedal to raise or lower machine during use.
- Anti-vibration handle bar mounts
- 50mm dust extraction port
- Dust free when used with SPE 316 vacuum
- Adjustable rear axle allows for two weighted settings.
- Screw type hand wheel allows machine to be set accurately to the surface.

### Applications

- Removal of dry crystallised (ATA) and wet adhesives
- Slurry grinding on water miscible products
- Provides superb preparation profile for thin film coatings (eliminates shadowing)
- Accurate grinding of large concrete areas
- Re-profiling of old concrete floors
- Removal of old coatings and contaminants
- Grinding and finishing of resin based terrazzo

### Specifications

Specifications			
Type	DFG 250 Petrol	DFG 250 Electric	DFG 250 Elec Twin Speed
Part Number	DFG 250 - 2	DFG 250 - 1	DFG 250 - 4
Power output	13 hp	5.5 kw	4.2 kw 3.2 kw
Voltage	-	380/415	380/415
Cycles	-	50hz	50hz
Head speed r.p.m.	700/1400	1400	700/1400
Engine/motor speed r.p.m.	1400/ 2800	2800	1400/ 2800
Machine Dimensions (mm)			
<b>Length</b>	1120	1120	1120
<b>Width</b>	670	670	670
<b>Height</b>	1040	1040	1040
<b>Weight (kg)</b>	122	160	160
Ballast weight (kg)	-	1x20	1x20

### Electrical Requirements

Machine	Volts	Plug Size	Cable Size mm	Max Cable Length	Transformer	Generator
DFG 250 - 1	380/415	16 Amp 5 Pin	2.5 - 4 Core	75 metres	-	10kva
DFG 250 - 4	380/415	16 Amp 5 Pin	2.5 - 4 Core	75 metres	-	