



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/gasoline 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 SPE vacuums. The rear wheels are mounted on a pivoting axle which allows 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 1400rpm. The slower speed is 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 (2") 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			
Type	Petrol/Gas	Electric	Electric Twin Speed
Part Number	DFG 250-2	DFG 250-1	DFG 250-4
Power Output	13hp/9.7kW	7.4hp/5.5kw	5.6/4.3hp 4.2/3.2kW
Voltage	-	400/460V	400/460V
Cycles	-	50/60Hz	50/60Hz
Head Speed	700/1400rpm	1400rpm	700/1400rpm
Engine/Motor Speed	1400/2800rpm	2800rpm	1400/2800rpm
Machine Dimensions			
Length	1120mm (44.1")	1120mm (44.1")	1120mm (44.1")
Width	670mm (26.4")	670mm (26.4")	670mm (26.4")
Height	1040mm (41")	1040mm (41")	1040mm (41")
Weight	122kg (268lbs)	160kg (352bs)	160kg (352lbs)
Ballast Weight	-	1 x 20kg	1 x 20kg

UK & Europe Electrical Requirements (Plug and cable sizes available for other countries, please enquire for details)

Machine	Voltage	Plug Size	Cable Size	Max Cable Length	Transformer	Generator
DFG 250-1	400V	16A 5 Pin	2.5mm 4 Core	75m (246')	-	10 kVA
DFG 200-4	400V	16A 5 Pin	2.5mm 4 Core	75m (246')	-	10 kVA