

### The DFG 460 Triple Head Planetary Floor Grinder has been developed to provide a medium sized product that grinds to a polished finish using orbital grinder principles

With all the benefits of the popular single and twin head DFG machines, the DFG 460 allows the operator to grind medium to large areas to a fine finish, eliminating swirl marks that can be left by conventional grinding methods. A direct drive system, coupled with a heavy duty gearbox, ensures maximum torque at the grinding heads. The DFG 460 has single speed options for general surface preparation tasks in 110V/230V single phase and 400V/460V 3 phase versions. For more precise grinding and polishing, 230V single phase and 400V/460V 3 phase variable speed versions are available. The design of the DFG 460 makes it easy to transport to and from site; the handles and control box can be removed so the unit can easily be placed in a small van. A 2" (50mm) dust extraction port is included and makes for an environmentally friendly design when coupled with a suitable vacuum.



Specifications					
Type	110V	230V	230V Variable	400/460V	400/460V Variable
Part Number	DFG 460-5	DFG 460-3	DFG 460-4	DFG 460-1	DFG 460-2
Power Output	3hp/2.2kW	3hp/2.2kW	3hp/2.2kW	3hp/2.2kW	3hp/2.2kW
Voltage	110V	230V	230V	400/460V	400/460V
Cycles	50/60Hz	50/60Hz	50/60Hz	50/60Hz	50/60Hz
Head Speed	231rpm	231rpm	0 - 277rpm	231rpm	0 - 277rpm
Motor Speed	1420rpm	1420rpm	0 - 1704rpm	1420rpm	0 - 1704rpm
Machine Dimensions					
Length	1040mm (41")	1040mm (41")	1040mm (41")	1040mm (41")	1040mm (41")
Width	470mm (18.5")	470mm (18.5")	470mm (18.5")	470mm (18.5")	470mm (18.5")
Height	1080mm (42.5")	1080mm (42.5")	1080mm (42.5")	1080mm (42.5")	1080mm (42.5")
Weight	117kg (257lbs)	117kg (257lbs)	124kg (273lbs)	117kg (257lbs)	124kg (273lbs)

#### Features

- Heavy duty gearbox drive system
- Compact modern design
- Adjustable height anti-vibration handle bars
- Self-levelling head design
- 50mm (2") dust extraction port
- Dust free when operated with SPE vacuum
- Large diameter wheels for excellent mobility and stability

#### Applications

- Accurate grinding of concrete surfaces
- Re-profiling of old concrete floors
- Removal of old coatings and contaminants
- Grinding and finishing of resin based and tiled terrazzo
- Provides ideal preparation for thin film coating

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 460 - 1 / 2	400V	16A 5 Pin	2.5mm 4 Core	75m (246')	-	10 kVA
DFG 460 - 3 / 4	230V	16A 3 Pin	2.5mm 3 Core	30m (98')	-	8 kVA
DFG 460 - 5	110V	32A 3 Pin	4mm 3 Core	30m (98')	5 kVA	8 kVA