

DFG 460™

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 DFG460 has single speed options for general surface preparation tasks in 110v / 220v single phase and 380/415v 3 phase versions. For more precise grinding and polishing, 220v single phase and 380/415v 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 50mm dust extraction port is included and makes for an environmentally friendly design when coupled with a suitable vacuum.



Specifications					
Type	DFG 460 110V	DFG 460 220V	DFG 460 220V Variable	DFG 460 380/415V	DFG 460 380/415V Variable
Part Number	DFG460-5	DFG460-3	DFG460-4	DFG460-1	DFG460-2
Power Output (kW)	2.2	2.2	2.2	2.2	2.2
Voltage (V)	110	220	220	380/415	380/415
Cycles (Hz)	50	50	50	50	50
Head Speed r.p.m	231	231	0 ~ 277	231	0 ~ 277
Motor Speed r.p.m	1420	1420	0 ~ 1704	1420	0 ~ 1704
Machine Dimensions					
Length (mm)	1040	1040	1040	1040	1040
Width (mm)	470	470	470	470	470
Height (mm)	1080	1080	1080	1080	1081
Weight (kg)	117	117	124	117	124

Features

- Heavy duty gearbox drive system
- Compact modern design
- Adjustable height anti-vibration handle bars
- Self levelling head design
- 50mm dust extraction port
- Dust free when operated with SPE 316 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 & contaminants
- Grinding and finishing of resin based and tiled terrazzo
- Provides ideal preparation for thin film coating

Electrical Specifications						
Machine	Voltage (V)	Plug Size	Cable Size	Max Cable Length (m)	Transformer (kVA)	Generator (kVA)
DFG460-1 / 2	380/415	16A - 5 Pin	2.5mm - 4 Core	75	-	10
DFG460-3 / 4	220	16A - 3 Pin	2.5mm - 3 Core	30	-	8
DFG460-5	110	32A - 3 Pin	4.0mm - 3 Core	30	5	8