

The DFG 700 Triple Head Planetary Floor Grinder has been developed to meet the increasing demand for this principle and grinding materials to a finished product

The DFG 700 has all the benefits of the popular single and twin head DFG machines but also allows the operator to grind large areas to a fine finish, eliminating swirl marks that can be left by conventional grinding methods. The main drive plate is driven through a heavy duty gearbox and each grinding tool is then turned independently at an increased RPM. The DFG 700 has a variable speed control device to suit numerous applications. Environmental considerations are fully controlled with an adjustable dust extraction skirt for dry use and a facility for using water when wet grinding. A major advantage of the DFG 700 is the standard option of a 3 phase electric motor, or gasoline/diesel engine (on request) - provisioning for outdoor use or when electrical power may not be available.

A single speed option is also available for general surface preparation applications.



Specifications		
Type	DFG 700	
Part Number	DFG 700-1	DFG 700-2
Power Output	14.7hp/11kW	14.7hp/11kW
Voltage	400/460V	400/460V
Cycles	50/60Hz	50/60Hz
Head Speed	3 x 180rpm/400rpm	3 x 400rpm
Motor Speed	2800rpm	2800rpm
Machine Dimensions		
Length	1570mm (61.8")	1570mm (61.8")
Width	680mm (26.8")	680mm (26.8")
Height	700mm (43")	700mm (43")
Weight	292kg (642lb)	287kg (631lbs)
Pivotal Weight	2 x 20kg (2 x 44lb)	2 x 20kg (2 x 44lb)
Water Tank Capacity	32.5L (8.8 US gal)	32.5L (8.8 US gal)

Features

- Heavy duty gearbox drive system
- Grinding heads supported by multi-directional flexible coupling
- Variable grinding speed (DFG700-1)
- Robust construction
- Anti-vibration handle bar mount
- Quick release drive plate system
- Pivotal weights
- Can be used with conventional DFG Diamond Plates
- 75mm (3") Dust extraction port
- Dust free when used with SPE dust collector



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
- Concrete polishing

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 700-1 DFG 700-2	400V	32A 5 Pin	6mm 4 Core	75m (246')	-	20 kVA