

FLEXTOOL PLANETARY CONCRETE GRINDER FCG-450

The Flextool Planetary Concrete Grinder FCG-450 is compact in design and delivers exceptional grinding and polishing capability. Grinding efficiency is optimised through the placement of the motor directly above the grinding head, providing extra weight during operation. Additional weight can be added by moving adjustable head weights into position.

Featuring a height-adjustable handle, easy access control panel and central lifting hook, this machine is designed with the user in mind. The fully sealed aluminium gearbox provides enhanced durability and reduced maintenance. The floating dust shroud gives a tight seal, capturing harmful dust from escaping the grinding head.

This grinder is ideal for small to medium size projects on residential or custom commercial work.



PLANETARY GRINDER



PRODUCT & PERFORMANCE SPECIFICATIONS



FLEXTOL PLANETARY CONCRETE GRINDER



Model	Grinding Width mm (in)	Operating Weight kg (lb)	Voltage V/Hz	Max Current A	Power Output kW	Power Output hp	Grinding Speed rpm	IP Rating	Dust Outlet mm (in)	Lifting Hook	Grinding Shoes	Power Cord Length m (ft)	Product Code
FCG-450	450 (18)	145 (320)	240 50/60	9.57	2.2	3	300 to 1800	55	50 (2)	Yes	Easy Lock (Redi-Lock Compatible)	0.3 (1)	FT100600-UNIT

The FCG-450 can be used with a heavy-duty extension lead with a minimum 3 x 1.5 mm² cable which does not exceed 20 metre in length.

The FCG-450 comes standard with 9 resin adaptors.

FLEXTOL GRINDING CONSUMABLES

FLEXTOL BLADETEC EASY LOCK GRINDING SHOES

Application	Colour	Bond Type	Number of Segments	Diamond Grit Size	Pack Qty	Product Code
Soft Concrete	Black	Hard Bond	2	16 grit	3	FT100473-UNIT
				40 grit	3	FT100474-UNIT
				80 grit	3	FT100475-UNIT
				100 grit	3	FT100476-UNIT
Medium Hardness Concrete	Silver	Medium Bond	2	16 grit	3	FT100477-UNIT
				40 grit	3	FT100478-UNIT
				80 grit	3	FT100479-UNIT
				100 grit	3	FT100480-UNIT
Hard Concrete	White	Soft Bond	2	16 grit	3	FT100481-UNIT
				40 grit	3	FT100482-UNIT
				80 grit	3	FT100483-UNIT
				100 grit	3	FT100484-UNIT
Very Hard Concrete	Gold	Very Soft Bond	1	16 grit	3	FT100485-UNIT
				40 grit	3	FT100486-UNIT
				80 grit	3	FT100487-UNIT
				100 grit	3	FT100488-UNIT
Thick Coatings (Epoxy, Glue)	Red	PCD	3	N/A	3	FT100489-UNIT
Thin Coatings (Paint, Sealant)		Soft Bond	2	16 grit	3	FT100490-UNIT



FLEXTOL BLADETEC DRY POLISHING RESINS

Application	Colour	Size mm (in)	Diamond Grit Size	Pack Qty	Product Code
Concrete Polishing	Navy Blue	80 x 9 (3.14 x 0.35)	50 grit	9	FT100491-UNIT
	Yellow		100 grit	9	FT100492-UNIT
	Orange		200 grit	9	FT100493-UNIT
	Red		400 grit	9	FT100494-UNIT
	Green		800 grit	9	FT100495-UNIT
	Light Blue		1500 grit	9	FT100496-UNIT
	Brown		3000 grit	9	FT100497-UNIT



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