

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



Adjustable handlebar

Reversible with 3-way height adjustment for superior ergonomics

Variable speed

Allows operator to adjust grinding speed from 300 to 1800 rpm

Easy operator control

Control panel positioned within easy reach for optimised control and safety

Folding handle

3 locking positions for transport and storage, changing of consumables and operation

Adjustable grinding head weights

Two adjustable grinding head weights to increase pressure for improved grinding efficiency and performance

Dust management system

Floating dust shroud gives a tight seal, capturing harmful dust from escaping the grinding head. Fitted with 50 mm outlet for connection to vacuum system

Lifting hook

Central lifting hook for easy and safe onsite handling

Electric motor and inverter

2.2 kW electric motor and inverter system for use with standard 10 amp power outlet

Fully sealed aluminium gearbox

Provides enhanced durability and reduced maintenance (no drive belts)

Detachable grinding head

Quickly and easily separate the grinding head and motor from the main chassis for easier handling, transportation and storage

FOR MORE INFORMATION

CONTACT US ON 1300 353 986 OR VISIT flextool.com.au

PRODUCT & PERFORMANCE SPECIFICATIONS



FLEXTOOL PLANETARY CONCRETE GRINDER



FCG-450

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	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)	FT100600-UNIT

FLEXTOOL GRINDING CONSUMABLES

FLEXTOOL BLADETEC EASY LOCK GRINDING SHOES

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



FLEXTOOL BLADETEC DRY POLISHING RESINS

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



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