

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



FLEXTOOL 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.

FLEXTOOL GRINDING CONSUMABLES

FLEXTOOL 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 | |



FLEXTOOL 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 |
| | | | 100 grit | 9 | FT100492-UNIT |
| | | | 200 grit | 9 | FT100493-UNIT |
| | | | 400 grit | 9 | FT100494-UNIT |
| | | | 800 grit | 9 | FT100495-UNIT |
| | | | 1500 grit | 9 | FT100496-UNIT |
| | | | 3000 grit | 9 | FT100497-UNIT |
| | | | | | |



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