



# Universal Rotary Flailed Scabblers **FR200**

## Surface Preparation

The FR200 is the original surface preparation machine. From its start as the world's first machine of its type, the FR200 has been renowned for its unrivalled versatility, performance and reliability.

The FR200 has a reputation for setting the standard for robustness, ease of handling and maintenance. The heavy duty welded assembly ensures that it will stand up to the toughest working conditions.

Drums can be changed within minutes to accommodate different surface finish requirements. Three motor types of this

popular machine are available, Petrol, Electric (110v, 220-240v) and Air models are fitted with dust extraction capabilities.

The FR200 can be fitted with an additional unit, the SF60, to allow the machine to work as close as 12 mm to the wall. The SF60 can be attached in minutes, has its own dust extraction guard and can be used with the FR200 to give an extended working width of 260 mm. See separate dust management system leaflet.



### TECHNICAL DATA

Motor Type	Petrol Honda GX160	Electric MarcrisT Thyristor 3	Air
Power Output	5.5 HP	3 HP	3.5 HP
Air Input	-	-	80 cfm
Voltage	-	110v/220-240	-
Cycles 110v,220-240v	-	50 Hz	-
Phase 110v, 220-240v	-	1	-
Noise Level (No Load)	90 dB	90 dB	90 dB
Working Width	200 mm	200 mm	200 mm
Distance to Wall	54 mm	54 mm	54 mm
Weight	46 kg	46 kg	39 kg
Dimensions	1100 x 365 x 970 mm	1100 x 365 x 970 mm	1100 x 365 x 970 mm
<b>With SF60</b>			
Dimensions	1100 x 460 x 970 mm	1100 x 460 x 970 mm	1100 x 460 x 970 mm
Distance to Wall	14 mm	14 mm	14 mm
Working Width	260 mm	260 mm	260 mm
Weight	52 kg	52 kg	52 kg

### APPLICATIONS

- Cleaning and roughening of concrete and asphalt
- Removal of paint, rust, oil, grease and rubber
- Cleaning of ship decks
- Removal of ice build ups
- Removal of road markings
- De-Chipping flat roofs
- Anti-slip cattle grooving
- General anti-slip applications

### FEATURES

- The original surface preparation machine
- Unrivalled performance and reliability
- Easy to operate
- Lightweight
- Rugged
- Vacuum extraction facility
- Adjustable handgrip
- Quick simple drum changing

### FR200 MARCRIST THYRISTOR 3 110V ELECTRIC MOTOR

With a normal 110V single phase induction motor the amperage drawn when started is 4.4 times greater than its operating amperage. To overcome this problem inexpensively, some manufacturers supply 1.5 - 2 HP electric motors, which allow the machine to run off a 32 amp transformer, providing insufficient power. The result of which are blown fuses, transformer burn-outs and more often than not, motor burn-outs.

The special, double wound armature, soft start and breakaway torque control, allow the Thyristor 3 to start in four phases. The Thyristor 3s the only 3HP single phase motor to run off a 3KVA transformer. With over 2500 units sold in the past 4 years, none of which have been returned for repair, it is not only a cheap solution, but the **ONLY ONE** that works.

Motor Comparison Chart	H	kW	Amps Rated Current	Amps Starting Current	Transformer Required	Slow Fuse Capacity
Normal Moto	1.5	1.1	14	61.6	3 KVA	62 amp
MarcrisT Thyristor	3.0	2.2	28	28.0	3 KV	28 amp
Standard 3 HP Moto	3.0	2.2	28	123.2	10 KVA	124 amp

### Part Number

FR200 Petrol c/w heavy duty drum & TCT cutters	7212.701.436
FR200 Electric 110V c/w heavy duty drum & TCT cutters	7235.701.262
FR200 Electric 220 - 240V c/w heavy duty drum & TCT cutters	7234.701.449
FR200 Air c/w heavy duty drum & TCT cutters	7214.701.355
SF60 c/w drum & TCT cutters	7232.706.294