



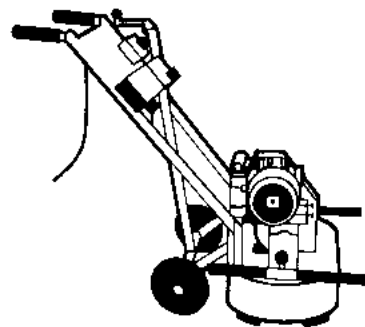
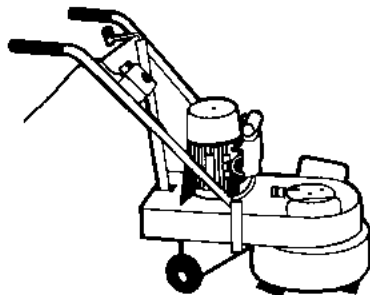
Flextool



ELECTRIC FLOOR GRINDER

GE36 - GE65

OPERATING INSTRUCTIONS



WARNING

To reduce the risk of injury, all operators and maintenance personnel must read and understand these instructions before operating, changing accessories, or performing maintenance on Flextool power equipment. All possible situations cannot be covered in these instructions. Care must be exercised by everyone using, maintaining or working near this equipment.

CONTENTS

Introduction	2
Applications	2
Functions and controls	2
Hazards and risks	2-3
Operation	3
Service	3
Specifications	4
Warranty	4
Trouble shooting	4
Spare parts and service	4

INTRODUCTION

Thank you for your selection of Flextool equipment. Flextool have specialised in the design and manufacture of quality products since 1951.

We have taken care in the design, manufacture and testing of this product. It is covered by a six month warranty. Should service or spare parts be required, prompt and efficient service is available from our branches.

It is essential that the operator takes particular care to use the machine properly and minimise any potential hazards to himself or others. We recommend that all operators and service personnel read, understand and follow this manual.

APPLICATIONS

Removing trowel marks, worn sealants, plaster, paint and surface blemishes.
Terrazzo floors
Finish grinding joint surfaces

FUNCTIONS AND CONTROLS

Power supply

Electrical power is controlled by an on/off switch or push button which is mounted on the motor. A thermal overload protection device is fitted to the motor. If the motor stops, switch the machine OFF, determine the cause of the problem, allow the motor to cool, then press the reset button. If the motor fails to start, check the power supply, fuses or circuit breaker and leads.

Height Adjustment

The wheel height of the machine should be set by rotating the handle so that the machine sits in a horizontal plane

HAZARDS AND RISKS

NEVER allow any person to operate machine without adequate instruction.

ENSURE all operators read, understand and follow the operating instructions.

SERIOUS INJURY may result from improper or careless use of this machine

! MECHANICAL HAZARDS

DO NOT operate the machine unless all protective guards are in place

KEEP hands and feet clear of rotating and moving parts as they will cause injury if contacted.

ENSURE that the electricity supply to the motor is disconnected/isolated before removing guards or making adjustments.

ENSURE both the machine and the operator are stable by setting up on level terrain and the machine will not move or fall while in operation or unattended.

DO NOT leave the machine in operation while it is unattended.

KEEP bystanders and animals clear of the work area.

! ELECTRICAL HAZARDS

THE RISK OF SERIOUS OR LETHAL INJURY FROM ELECTRICAL SHOCK may arise from the combination of electricity and moisture.

ELECTRICAL HAZARDS may be high due to the careless use of equipment and extension leads.

USE AN ELECTRICAL SUPPLY EQUIPPED WITH A RESIDUAL CURRENT DEVICE (RCD) for protection against electrocution. A RCD is an electronic protection device that is available for connection between the power source and the equipment. It is designed to monitor the balance of the current flow in the active and neutral wires of the plugged-in equipment and immediately trips before a fatal amount of power can pass through the operator. The RCD can be permanently wired at the supply switchboard or inserted as a removable plug-in device in the electric cable, in which case it should be located as close to the supply as possible with the RCD located before any extension leads.

ONLY use the motor with a correctly grounded outlet.

INSPECT electrical leads, plugs and sockets regularly for damage.

DO NOT operate the machine using extension leads.

ENSURE that repairs to the electric motor and wiring are carried out immediately by QUALIFIED personnel.

DO NOT hose the machine while the electrical supply is connected.

PROTECTIVE CLOTHING

It is advisable to wear a dustguard breathing respirator whilst using the machine for dry grinding of floors. The amount of dust generated may be minimised by spreading wet sand over the floor prior to grinding. This also assists the cutting action of the abrasive.

! ADDITIONAL HAZARDS

Slip/Trip/Fall is a major cause of serious injury or death. Beware of power leads left on the walking or work surface.

OPERATION

Fit wedge shaped abrasive segments to the disc of the machine taking care to match the taper on the thickness as well as the length of the segment to the taper on the retaining strips.

Adjust the wheel height of the machine such that it sits in a horizontal plane.

Plug the electrical power cable directly into a power point. The motor requires the full capacity of an outlet so do not use double adaptors, power boards or additional extension leads, voltage drop and consequential motor damage could result.

The machine must be resting in the working position on the floor with the fabric dust guard in place before the power is switched on. Never start the machine in any other position as the abrasive segments may dislodge and throw out from the machine.

Start the electric motor by turning/pushing the on/off switch mounted on the motor to ON.

As the abrasive wears away adjust the wheel height to keep the machine balanced. Always maintain a firm grip on the handle bars whilst the motor is switched on.

SERVICE

Grease the bearing (nipple provided) on the top face of the single disc machine and the thread of the height adjuster as required.

Replace the abrasive retainer strips on the disc when worn.

Check the lubricant in the two gearboxes on two disc machines periodically.

SPECIFICATIONS

Floor Grinder	Single	Double
Power output (kW)	1.5	1.5
Current (amp)	9.5	9.5
Voltage (volts)	240 AC	240 AC
Ground width (mm)	360	645
Disc speed (r/min)	360	120
No. of abrasive wedges	3	6
Weight (kg)	85	108

TROUBLESHOOTING

SYMPTOM	POSSIBLE CAUSES AND CORRECTION
Motor will not start.	<ul style="list-style-type: none"> • Check the ON/OFF switch to ensure that it is switched 'ON'. • Check the power supply and fuse or circuit breaker
Motor stops.	<ul style="list-style-type: none"> • Thermal overload has tripped.- switch the power supply OFF and reset the thermal overload after the motor has cooled. • Check the power supply and fuse or circuit breaker BEFORE making a warranty claim
Electric Motor lacks power.	<ul style="list-style-type: none"> • Check the local power supply for voltage drop. • Do not operate with an extension lead.

WARRANTY

FLEXTOOL products are covered by warranty for a period of six (6) months from the date of purchase against defects in material or workmanship provided that:

- The product concerned has been operated and maintained in accordance with the operating instructions.
- Has not been damaged by accident, misuse or abuse.
- Has not been tampered with or repaired by any unauthorised person.

The owner is responsible for the cost of transportation to and from the authorised repairer and the unit is at the owners risk while in transit to and from the repairer.

SPARE PARTS AND SERVICE

Flextool (Aust.) Pty. Ltd.

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Newstead Qld. 4006

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Free Call:

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Outside the above metropolitan areas..