



*flexibility is our strength*

BIRMINGHAM GARAGE & INDUSTRIAL DOORS LTD  
UNITS 3,10 & 12 GRIFFIN INDUSTRIAL ESTATE  
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## OPERATING AND MAINTENANCE MANUAL SAFETY, SERVICE & REPAIR

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### Sectional Overhead Door Electrically Operated

Insert address here

**PLEASE READ THIS INSTRUCTION BOOKLET  
PRIOR TO OPERATING YOUR  
ELECTRICALLY OPERATED  
SECTIONAL OVERHEAD DOOR**

**SHOULD YOU EXPERIENCE ANY  
DIFFICULTY PLEASE CONTACT  
OUR SERVICE DEPARTMENT**

**NORMAL HOURS: 0121 559 8666**

**OUT OF HOURS EMERGENCY NUMBER:**

**07778 375310**

## **Sectional Overhead Door - Electrically Operated**

### **Standard Specification:**

**Panel Options:** 610 mm deep x 40 mm wide complete with a CFC free insulated core.

**Internal panel reinforcement.** Top and bottom panels 600 mm deep x 40 mm thick complete with CFC free insulated core, finished silver RAL 9006 and weather seals.

**Solid Panels:** SAA aluminium complete with double glazed infill (2 mm x 2.5 mm acrylic sheets)

**Finish:** External Face: HP5200 plastisol from our standard colour range.

Internal Face: White stucco finish to RAL 9010.

**Ironmongery:** High quality galvanised steel adjustable roller carriers, intermediate hinges and nylon rollers and shoot bolts.

**Tracking Arrangement Options:** Standard lift, High lift, Full Vertical lift and Low Headroom - manufactured from 2 mm cold rolled sections supplied with horizontal back track hangar system.

**Operation:** Electrically via a counter balanced spring mechanism, complete with spring and cable break safety devices by a heavy duty, 3 phase Guthrie Douglas Ranger 91 hollow shaft motor complete with an endless hand chain manual override and digital limits.

**Locking:** 1 no. spring bolt

**Controls (Extra Low Voltage):** Pre wired surface mounted starter complete with open, close and stop push buttons.

**Wiring:** We include for wiring into a suitable isolator (isolator to be supplied and fitted by others) no more than 1 metre from the motor side of the opening.

## Electrically Operated Sectional Overhead Door

### Operating Instructions

1. **TO OPEN:** Press “Open” button on the Central Control Station. The door curtain will automatically stop at the full opening height – unless the “Stop” button is pressed.
2. **TO CLOSE:** Press “Close” button on the Central Control Station. The door curtain will automatically stop when fully closed, or when the button is released.
3. **TO STOP:** Press the red “Stop” button.
4. **IN THE EVENT OF A POWER FAILURE:**

The motor is fitted with an emergency hand chain or crank mechanism, access to the motor will be required. Lift hand chain or crank into position and operate manually. Operation will be very slow – when power is reinstated, the door will not operate electrically until hand chain or crank has been removed.

#### Note:-

Any Wicket gate installation MUST be hinged completely out of the way prior to operating the door curtain.

Please note that the design of the counter balance springs will mean that the curtain will rise at the bottom, will be a little heavier to lift in the middle section, and will rise to the top - DO NOT ALLOW THE DOOR TO SLAM UPWARDS AGAINST THE STOPS.

General Note: BGID does not recommend fitting locking devices to electrically operated doors. If locking must be fitted, then it **MUST** be released prior to operating the door or serious damage to the door / motor may occur.

#### MAINTENANCE:

It is **STRONGLY** recommended that a Preventative Maintenance Solution be arranged with a competent shutter maintenance company. This is likely to minimise your servicing and repair costs over the long term. BGID offer such maintenance solution.

The shutter guides should be kept clean and free from any materials that might jamb the shutter curtain. All electrical components should be checked on a regular basis – the operation of the safety brake should also be checked on a regular basis.

#### SAFETY CONSIDERATIONS:

HAZZARD	RISK TO PERSONNEL	PRECAUTIONS
Roller shutter being closed by remote control	Shutter aperture Obstructed	Operate shutter <b>ONLY</b> When the area is clear of all personnel. Isolate control system whenever maintenance is being carried out. Never operate the shutter unless fully in view and the area is clear
Failure of components causing the shutter curtain to fall.	Severe injury or worse	<b>NEVER</b> allow personnel to be in the area of the shutter when it is operating
Rotating shutter when box cover removed.	Trapping of limbs or hair	Total isolation of the electrical supply before removing the shutter box cover. For servicing, the electrical supply should be disconnected and a test switch installed. The test switch should only be used by a competent person servicing the shutter.
Unauthorised access to the shutter box	Trapping of limbs or hair.	Ensure <b>ONLY</b> trained persons are allowed to service the shutter.
Electrical hazards		Regular checking of electrical installation and earthing.

# Safety Instructions

**Warning : All types of Roller Shutter and Sectional Overhead Doors are fitted with counter balance spring mechanisms, which are under considerable tension. Any adjustment or repair MUST only be carried out by trained and qualified BGID installation engineers.**

## GENERAL

1. Only use opening & closing equipment supplied with the door
2. Keep opening clear of any obstacles when operating the door
3. **DO NOT** try to operate a damaged door – we recommend that you call BGID Service Department, who will advise the best course of action
4. **DO NOT** lean obstacles against the door
5. Work carried out on electrical control equipment **MUST** be by a competent electrician who **MUST** ensure the equipment is isolated prior to commencing any work. BGID have fully trained electrical staff.

## GENERAL CLEANING

Every month clean shutters down using a mild detergent i.e. warm soapy water. Clean dust and dirt from inside facings and from guides. Lubricate moving parts.

# MAINTENANCE

Health & Safety Welfare Regulations 1992 now applies to all Work Places from 1<sup>st</sup>. January 1996

Industrial Doors now have to comply with these regulations as from 1<sup>st</sup>. January 1996

- a. by door user - door operation is working freely and there is no visible damage to the door.
- b. by Approved Industrial Door Engineers – commonly twice per annum.
  - 1. secure any loose fastenings
  - 2. fully inspect all mechanical points
  - 3. adjust lock if required
  - 4. apply lubricants to all relevant parts
  - 5. check electrics i.e. control station, gearbox and limits
  - 6. fire doors only – carry out a mechanical “drop” test to ensure door closes in the event of a fire
  - 7. sliding folding doors – clean out bottom track

BGID provide a written report after each service visit.

**BGID operate** a specialised service and repair department with a genuine **24 / 7 nationwide** call out facility using our own trained service engineers.

**Out of Hours telephone number 07778 375310**

**Special Note: It is now a legal requirement that ALL Fire Shutters and Electrically Operated Roller Shutters SHALL be subject to suitable maintenance and have a traceable service history kept by yourselves**



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