We take the worry out of protecting what's valuable to you.
Lockwood: no worries®

www.lockweb.com.au
The Lockwood 8002 Swing Door Operator is an electro-hydraulic operator designed for a wide variety of applications. It is suitable for almost all types of external and internal swing doors and has been developed to cope with tough conditions. The operator can be mounted on either side of the door for pull or push action and is suitable for single or double doors fitted with butt hinges or pivots.

Suitable for disabled access, nursing homes and hospital corridors - where the requirements are for silence, flexible operation and reliability - as it is for department stores, banks, hotels, etc.

Opening
When an opening impulse is received by the control unit, the motor starts and the hydraulic unit rotates the drive shaft and arm system (door) with high speed towards the open position. Before reaching the fully open position, the speed is reduced to low speed, which will be kept until the door is completely closed. The door is held closed by spring power: to overcome the resistance of a striking plate, the ‘lock kick’ can be adjusted to required level.

Closing
The spring closing starts when the hold-open time has run out. Before reaching the fully closed position, the speed is reduced to low speed, which will be kept until the door is completely closed. The motor rotation ceases when the selected door opening angle is reached. This open position is held by the hydraulic valve.

Product Details

<table>
<thead>
<tr>
<th>Feature</th>
<th>Specification</th>
</tr>
</thead>
<tbody>
<tr>
<td>Closing Power</td>
<td>EN Size 3 to 6</td>
</tr>
<tr>
<td>Dimensions</td>
<td>(H)110 x (D)110 x (L)716 mm</td>
</tr>
<tr>
<td>Door Leaf Width</td>
<td>Maximum door width - 1600 mm</td>
</tr>
<tr>
<td>Door Opening Angle</td>
<td>Maximum opening angle - 120°</td>
</tr>
<tr>
<td>Electrical</td>
<td>230VAC mains power, 50 Hz fuse 10 A</td>
</tr>
<tr>
<td>Environment</td>
<td>Operational temperature range: -15°C to +50°C</td>
</tr>
<tr>
<td>Recommended Door Weight</td>
<td>Maximum door weight - 250 kg</td>
</tr>
</tbody>
</table>
| Door Specification      | • Max door weight 250kg  
                          | • Max door width 1600mm  
                          | • Access controlled locking  
                          | (Pull side reduces power by 30%)  
                          | • Maximum opening angle 120° |

Standards and Compliance

Lockwood Swing Door Operators have been successfully tested on fire door assemblies in accordance with Australian Standard AS1905.1:1997 fire resistant doorsets.
Mounting Instruction Guide

X = Shaft Extension

Pull Side

Push Side

Specification Statement
This Door Operator must have an electro-hydraulic motor with a capacity to push or pull doors up to 250kg in weight. The operator can be mounted on either side of the door for pull or push action and should be suitable for single or double doors fitted with butt hinges or pivots. The operator should have inputs for various electronic keypad controllers and motion sensors.
8002 Electromechanical Door Operator

### Pushing Arm System

**Part Number** 8002SSIL

**Description**
Pushing arm system, where the operator is installed on the wall on the opposite side of the door swing. Door opening angle adjustable up to 120°. Swing arm operator package comes with silver cover and black push arm.

### Pulling Arm System

**Part Number** 8002SSIL

**Description**
Pulling arm system, where the operator is installed on the wall on the same side as the door swing. Door opening angle adjustable up to 120°. Swing arm operator package comes with silver cover and black pull arm. 30% Power loss.

### Speed and Force Adjustments
The opening and closing speeds can be varied individually.

**Lock Kick**
To overcome the resistance of a striker plate, the ‘lock kick’ can be adjusted to the required level of resistance. This will ensure that the lock bolt will securely engage into the striker plate.

**Controls**
Separate valves control door opening, closing and latching speeds.

1. **Opening Angle** 120°, **Opening Speed** 1.5 - 4 seconds
2. **Closing Speed** 1.5 - 1.4 seconds
3. **Lock Kick**
4. **Push and go function add.** 8002-655614

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Lockwood Product Catalogue | Electromechanical Door Closers and Operators
1300 LOCK UP (1300 562 587) lockweb.com.au
**8002 Electromechanical Door Operator**

**Double Door Coordination Unit**
Guarantees safe and correct closing of rebated doors. Often in combination with fire doors.

2 x 8002PSIL Operators
1 x 8002 - 100091 Coordinator
Full length cover to be specified separately.

**Reveal Depth (A)**

**Pushing Arm System**

- **Arm Extension**
  - 8002-173004 A = 235 - 360mm
  - 8002-173191 Joint for 235 - 485mm

**Pulling Arm System**

- **Packer**
  - 8002-173804BK A = 0 - 130mm
  - Standard = 130 – 170mm

**Shaft Extension**

- **Shaft: Standard**
  - 8002 - 173107
  - Shaft Extension: 20mm

- **Shaft Extension: 50mm**
  - 8002 - 173108

- **Shaft Extension: 70mm**
  - 8002 - 173109
**8002 Electromechanical Door Operator**

**Operator with Motion Detector/Elbow Switch**
- 1 x 8002 Swing Door Operator
- 1(2) x 8002 - 1700007 Radar Activation Unit
- 1(2) x 8002 - 1700008 Elbow Switch

Outside activation unit detects the presence of an object in its range and automatically opens the door.

Inside activation with an 8002 - 1700008 Elbow switch for manual activation on one side.

Ideally suited for doorways where usage is primarily for people carrying goods, pushing trolleys, wheelchairs or beds.

**Overhead Presence Detection (Supervisor)**
- 1 x 8002 Swing Door Operator
- 1(2) x 8002 - 1700007 Radar Activation Unit
- 1(2) x 8002 - 1700008 Elbow Switch
- 1 x 8002EXB
- 1 x 8002ACCE 152 Zone presence detector

The overhead presence detector monitors any movement or obstruction within the arc of the door swing area.

It can be installed on either the pull or push side of the door. e.g if a person is standing inside the opening arc of the door, the door cannot be opened until the zone is clear of the obstruction.

**Operator with Safety Sensor (Eye tech)**
- 1 x 8002 Swing Door Operator
- 1(2) x 8002 - 1700007 Radar Activation Unit
- 1(2) x 8002 - 1700008 Elbow Switch
- 1 x 8002 - 738765 Eye-Tech infrared presence detector
- 8002 x 738765 = 340mm long
- 8002 x 738766 = 700mm long
- 8002 x 738767 = 900mm long
- 1 x 8002 - 655614 Limit switch for presence push and go detection or indication

**Note:** The presence detector is a safety device to prevent the door opening or closing when an object is within the arch of the door, to activate the door opening or closing a door activation accessory also needs to be fitted.

E.G: radar activation unit or elbow switch.

**Note:** The presence detector operates as a door activator when a person enters the zone on the PUSH side. Once the door is open it remains open until the person has gone through. As a safety sensor, on the PUSH side it protects persons or objects from being hit by the door if the door has been stopped by the safety sensor on the PULL side and is closing after the pause time. In this case the door remains stationary and only moves in the unobstructed direction. Ideally suited for areas where beds and frail people need to ensure that the door will not close on them until completely clear of the doorway.
# 8002 Electromechanical Door Operator

## Ordering Information

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<tr>
<th>Product Description</th>
<th>Part Number</th>
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<td>Swing Door Operator (PULL SIDE)</td>
<td>8002SSIL</td>
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<tr>
<td>Swing Door Operator (PUSH SIDE)</td>
<td>8002PSIL</td>
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<tr>
<td><strong>Accessories</strong></td>
<td></td>
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<tr>
<td>Telescopic Arm 110–235mm Reveal (PUSH SIDE)</td>
<td>8002-173005</td>
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<td>Telescopic Arm 235–360mm Reveal (PUSH SIDE)</td>
<td>8002-173004</td>
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<td>Joint for Telescopic Arm 235–485mm Reveal (PUSH SIDE)</td>
<td>8002-173191</td>
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<tr>
<td>Doorstop – Push Arm System</td>
<td>8002-100147</td>
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<tr>
<td>Spacer for Door Fitting</td>
<td>8002-1738048K</td>
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<tr>
<td>Push and Go Function</td>
<td>8002-65514</td>
</tr>
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</table>
Lockwood is the leading brand in the Australian locking industry. With an established reputation for high quality products, this iconic brand provides a wide range of locking solutions to residential housing, commercial building and industrial application markets. Lockwood is supported by an extensive distribution and after-sales support network. Our customers include retailers, architects, trade and industrial personnel, locksmiths and security dealers.

ASSA ABLOY is the global leader in door opening solutions, dedicated to satisfying end-user needs for security, safety and convenience.

ASSA ABLOY is represented in all major regions, in both mature and emerging markets, with leading positions in Australia, Europe and North America.

**The Lockwood 25 Year Mechanical Warranty**

Our belief that we manufacture the finest premium products available in today’s market place is backed by the Lockwood 25 Year Mechanical Warranty, ensuring that Lockwood continues to keep Australians safe by delivering security and peace of mind.

For warranty terms and conditions, please visit [www.lockweb.com.au](http://www.lockweb.com.au) or call **1300WARRANTY**

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