

# SGO-4 SecureSwing™

## Screw Drive Residential Swing Gate Opener

With European styling and clever control logics, the new **SecureSwing™** Swing Gate Opener is a form and function revolution for single and dual leaf swing gates.

### Drive Arms

IP 44 rated drive arms house a 24Vdc motor and robust screw drive system that produces 250daN of torque to drive a 2.5m single leaf up to 250kg in weight.

### Slim Design & Reduced Sideroom

Flush fitting drive arms need little sideroom for installation.

### Soft Start/Soft Stop

Speed ramping reduces stress on the gate and opener.

### Limits Setting

Screw drive mounted switches for accurate position data.

### 100% Duty Cycle

The thermodynamically efficient motor design allows for high duty cycle applications<sup>1</sup>

### Battery Backup

In the event of power failure, the optional battery backup will keep the **SecureSwing™** functional.

### Solar Power

Be it a location without accessible mains power, or a normal residential application, a solar charging unit with battery backup can power the **SecureSwing™**.

### Non-Reversing System

Mechanical locks positively secure the screw drive whenever the motor is not running, preventing access or damage.

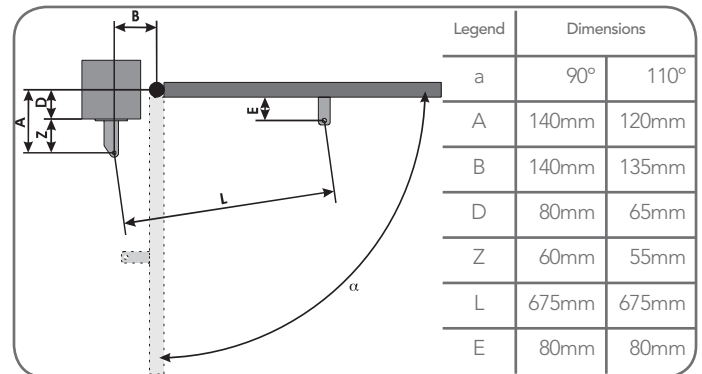
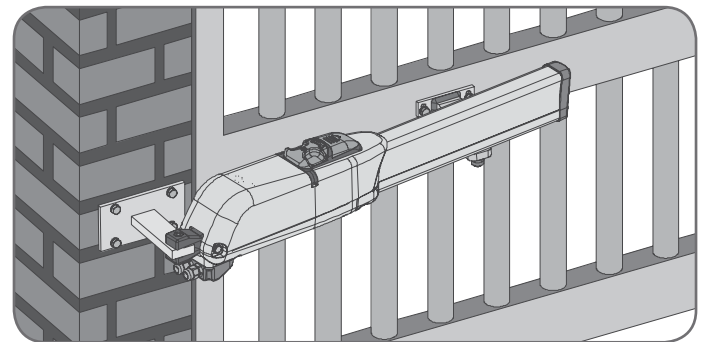
### Lockable Manual Release

A weather protected key release allows disengagement for manual operation in the event of power failure.

### Logic Control Box

Storing up to 110 transmitters, the logic control box also:

- integrates inputs such as P.E. Beams and loop detectors
- offers auto-close, vacation and pedestrian modes, and control of courtesy lights.



### Specifications - SecureSwing™ Drive Arm (Order Code #90700)

<b>Power Supply</b>	24Vdc
<b>Power</b>	70W 3A
<b>Torque</b>	250daN
<b>Screw Drive Travel</b>	300mm
<b>Rod Speed</b>	1.6cm/second
<b>Max Leaf Width and Weight</b>	2.5m & 250 Kg
<b>Duty Cycle at 20°C</b>	100% <sup>1</sup>
<b>Single Drive Arm Weight</b>	6.5 Kg
<b>Drive Arm Dimensions (WxHxD)</b>	785 x 100 x 155mm

### Specifications - Logic Control (Order Code #90710/90711)

<b>Receiver Capacity</b>	110 transmitters
<b>Receiver Frequency</b>	433.92 MHz
<b>Coding Type</b>	Code Hopping (non-linear encryption algorithm)
<b>Control Box Weight</b>	4 Kg
<b>Control Box Dimensions (WxHxD)</b>	190 x 240 x 100mm

### Warranty (Drive Arms and Control Box)

<b>Warranty</b>	1 year parts
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1. 100% duty cycle possible with mains power only. This is not possible when operating via battery backup or with solar.

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Order Code Options	
Pack Contents	Order Code
1 x Drive Arm	90700
1 x Drive Arm + 1 x Logic Control Box	90710
2 x Drive Arms + 1 x Logic Control Box	90711