COMMERCIAL SECTIONAL DOOR OPERATOR

OVER 100 YEARS OF AUSTRALIAN MANUFACTURING
The Smooth Operator

Quiet, safe, reliable, powerful, adaptable.

Introducing S-Drive!

With constant duty cycle, battery backup onboard and the industry’s best warranty, the new Grifco S-Drive is indeed the Smooth Operator.

It is purpose built for high-cycle, highly demanding commercial sectional doors found in carparks, emergency services buildings and commercial tenancies.

- The quiet, DC motor and purpose-designed gearbox deliver extremely smooth and fast door cycles, with soft start and soft stop.
- The integral logic boards offer ultimate adaptability to meet the demanding needs of carpark applications.
- The extremely durable rail and innovative sliding trolley have been engineered to meet the high-cycle demands of busy carpark doors.
- The operator has been thoughtfully designed for low ceiling carpark applications, with a low profile, lockable enclosure.

Typical Installation & Specifications

Spring balanced commercial sectional door, common in multi-tenanted carpark and commercial applications.

- Main AC Power Supply: 230-240 VAC 50Hz, 400W
- Rated Load (R/T): 270N (Continuous)
- System Operating Voltage: 24 VDC Transformer Run / Battery Backup
- Accessory Power: 24 VDC, 500 mA max. for ON and SW (switched)
- Max Door Heights (Part No.): 2.4m (GSD-R2.4M) / 3.6m (GSD-R3.6M) / 6.0m (GSD-RKIT)*
- Maximum Door Weight: 315.5 kg balanced door
- Maximum Door Area: 26m²
- Travel Speed: 20cm per second
- Maximum Duty Cycle: Continuous (100%)
- Operating Temperature: +5°C to +40°C
- Logic: Complete, expanded logic for configuration and integration

* GSD-RKIT requires fabrication of rail and assembly

LASTING PERFORMANCE

Soft start / stop for increased reliability and reduced maintenance. Purpose designed DC motor and gearbox for continual duty and quiet operation

SAFE AND COMPLIANT

Meets all applicable regulatory standards. Utilise Grifco’s broad range of safety accessories to achieve a safe and compliant installation

RELIABLE OPERATION

Integral battery backup can provide over 100 cycles* when the power fails

ROBUST AND DURABLE

The steel enclosure and rail are built to withstand the demanding requirements of high cycle commercial applications

Battery Backup

An industry leading warranty from your partner in commercial door automation

The serious warranty offered on the S-Drive covers the extreme working conditions of high-cycle applications such as busy carparks.

The 2 year / 100,000 cycle warranty covers the entire operator, not just the “drive units” as warranted by other manufacturers.

Certificate of Suitability

S-Drive has been tested to comply with multiple relevant Australian Standards pertaining to commercial doors. The published CoS is available to all customers on request.
Battery Backup Onboard

The two 7Ah integral batteries have been known to provide over 100 cycles*, ensuring access in and out of the facility in the event of a power outage. Batteries are conveniently mounted within the operator and are supplied as standard.

* Actual results will vary. Performance under battery backup is determined by age and condition of door operator and batteries.

Exceptionally powerful, quiet and durable

With 100% duty cycle, the S-Drive constantly performs in the busiest of carparks. The DC motor and commercial gear-driven transmission combine to deliver unsurpassed reliability and smooth, quiet operation.

The door starts and finishes its travel slowly before speed ramps up. This is essential for minimising noise and vibration in apartments directly above or adjacent to the carpark.

Low Profile, Lockable Enclosure

The S-Drive operator is only 200mm high, making it ideal for carparks with low ceilings. The lateral mounting plates are permanently fixed to the operator and allow for easy surface mounting or suspension via strapping. The enclosure can be padlocked to prevent unauthorised access.

Innovative Trolley and Sliders

The slider provides reliably smooth operation with every cycle. The hard-wearing and replaceable acetyl inlays capture the slider on the rail and effortlessly glide with very little friction or noise.

With no wheels or other moving parts, the slider is not prone to derailment, seizing or obtrusive noise.
ORDER CODES

S-DRIVE INDIVIDUAL COMPONENTS

<table>
<thead>
<tr>
<th>Part Number</th>
<th>Includes</th>
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<tbody>
<tr>
<td>GSD-SDO</td>
<td>S-Drive Operator with BBU</td>
</tr>
<tr>
<td>GSD-R2.4M</td>
<td>Rail for door max 2.4m high</td>
</tr>
<tr>
<td>GSD-R3.6M</td>
<td>Rail for door max 3.6m high</td>
</tr>
<tr>
<td>GSD-RKIT*</td>
<td>Rail kit for door max 6.0m high</td>
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S-DRIVE COMPLETE KITS

<table>
<thead>
<tr>
<th>Part Number</th>
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<tbody>
<tr>
<td>GSDK-R2.4M-GPS15RK</td>
<td>S-Drive Operator, Rail for door max 2.4m high, GPS15 Reflective Safety Beam, 2 x E960G 4-Channel Transmitters</td>
</tr>
<tr>
<td>GSDK-R3.6M-GPS15RK</td>
<td>S-Drive Operator, Rail for door max 3.6m high, GPS15 Reflective Safety Beam, 2 x E960G 4-Channel Transmitters</td>
</tr>
<tr>
<td>GSDK-RKIT-GPS15RK*</td>
<td>S-Drive Operator, Rail kit for door max 6.0m high, GPS15 Reflective Safety Beam, 2 x E960G 4-Channel Transmitters</td>
</tr>
<tr>
<td>GSDK-R2.4M-774RK</td>
<td>S-Drive Operator, Rail for door max 2.4m high, 774ANZ Send / Receive Safety Beam, 2 x E945G 3-Channel Transmitters</td>
</tr>
<tr>
<td>GSDK-R3.6M-774RK</td>
<td>S-Drive Operator, Rail for door max 3.6m high, 774ANZ Send / Receive Safety Beam, 2 x E945G 3-Channel Transmitters</td>
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ACCESSORIES

Wired Controls and Peripherals
- Recessed 3-pos. Return Key Switch
  - Part No. KS106
- Up/Stop/Down Wall Control
  - Part No. PU103L
- Flasing Strobe Lights
  - Part No. FLR24
- 2-Aspect LED Traffic Light
  - Part No. TL24
- Wall-mounted 3-pos. Return Key Switch
  - Part No. KS103
- Emergency Stop Button
  - Part No. PU100
- Strobe Lights and Sounders
  - Part No. BS2224
- Loop Detector System
  - Part No. LD000

Remote Access Devices
- 4-Channel Keyring Transmitter
  - Part No. E960G
- 3-Channel Keying Transmitter
  - Part No. E945G
- 2-Channel Wireless Wall Transmitter
  - Part No. E138G
- Transmitter Management
  - Part No. GSD-STAR1000EVO
- Bulk Pack Coming Soon!
- 3-Channel Visor Transmitter
  - Part No. E943G
- Wireless Security Keypad
  - Part No. E840G

Entrapment Protection Systems
- Light Curtain
  - Part No. GLCPS
- Send / Receive Monitored Safety Beam
  - Part No. GPS772
- Reflective Monitored Safety Beam
  - Part No. GPS15
- Monitored Safety Edge
  - Part No. BMSE30K (3m)
- Loop Detector System
  - Part No. LD000
- 3-Channel Visor Transmitter
  - Part No. E943G
- Wireless Security Keypad
  - Part No. E840G

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