



EN 12453
EN 12445
COMPLIANT



SATURN

230V ELECTRO-MECHANICAL SLIDING GATE OPERATOR

MAX GATE WEIGHT **600Kg**

FREQUENCY OF USE UP TO **40%**

LOCKING **YES**

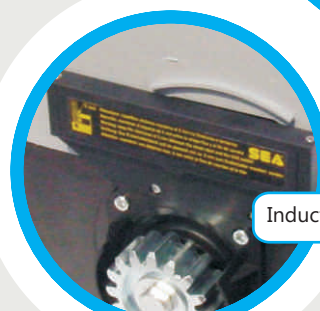
- The Saturn is S.E.A. electromechanical operator for sliding gates and offers all the power and sturdiness you would expect from the S.E.A. range.
- Solid, die-cast pressure aluminium body, enables the Saturn to easily cope with very large gates of up to 1500kg!
- Oil lubricated gearbox extends the Saturns operating life beyond that of the competition!
- High quality, mechanical or induction limit switches for self learning of open/close cycles
- Manual release system with handle and security key in case of power failure.
- Optional security micro-switch on the release handle to disconnect the power supply in case of emergency.
- Electronic anti crush system gives the Saturn a reputation for safety.
- GATE 1 control unit mounted within the operator cover for ease of installation.
- Large cable access area underneath operator for ease of installation. Electronic Anti Crushing system comes with the GATE 1 control panel as standard
- Electronic slow down in opening and closing produces an accurate stop positioning system, with reduced loadings and smooth operation.
- Radio receiver included on the control panel as standard.
- Adjustable foundation plate in vertical and horizontal plains (optional).
- External release mechanism via a secure box available.
- Pedestrian operation available as standard.



Manual release system



Oil Lubrication



Induction limit switch

SEA
The Engineers'
Choice!

SATURN

Specifications

Supply Voltage	230Vac+5% 50/60Hz
Motor Power	500 W
Opening Speed	10 m/min(z16)
Frequency of use	40%
Operating temperature	-20°C + 55°C
Operator Weight	14.5 kgs
Max. gate weight	600 Kgs
Opening Degrees	-
Anti-crushing clutch	Electronic
Protection class	IP55
Starting Capacitor	25 •F
Max thrust	70 Nm

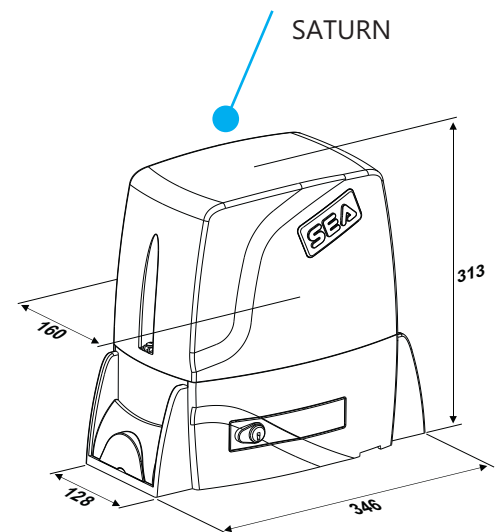
Gate 1 DG Control Panel

- Management of 1, 230Vac motors with or without limit switches
- Automatic logic (4 modes), semiautomatic and step by step logics.
- Electronic slow down in opening and closing.
- Motor run time and pause open time regulation.
- Self-learning operating time for gate with limit switches or encoder
- Self-test on photocells.
- Self-diagnostic system.
- Encoder management (Safety Gate for swing gates).
- Diagnostic dashes on all inputs.
- Extractable connectors for ease of installation.
- Integrated receiver compatible with radio transmitters SMART, HEADROLL and LADYBIRD series (800 users).

Compatible accessories

- Fully compatible with all SEA accessories.
- Compatible with most manufacturers of audio and video intercom equipment.
- Digital code pads.
- Card reader systems, stand alone and computer linked.
- Time clocks and hold open switches.
- Induction loop free entry, free exit and safety.
- Photocell free entry, free exit and safety.
- Patented rubber mechanical safety edges.
- Vehicle recognition systems.
- Biometric identification systems.

Dimensions

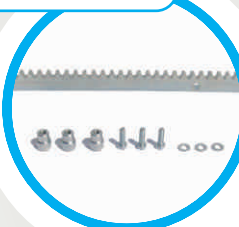


Accessories.

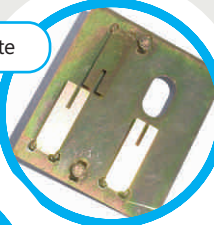
Loop detectors / Photocells / Key pads / Card readers / Transmitters & receivers/ Telephone entry systems / Audio and video intercom systems.

Vehicle recognition systems / Biometric recognition systems / Patented rubber mechanical safety edge / Time

Galvanized rack 1 or 2 mtr



Adjustable foundation plate



Compatible with all safety devices



Encoder for in-built safety

