

# 12V Industrial Sliding Gate Drive

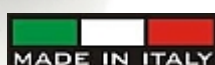
## 500MASTER18QR

TAU S.r.l. 12Vdc Gearmotor Sliding Gate Drive (230Vac powered) with optical encoder, built-in 500K126MA control panel, with battery charger

Suited to Ground Track gates running near level and free rolling Cantilever gates



- intensive use - 100% duty cycle when connected to 230Vac power source
  - operating speed - 183 mm/sec opening speed
  - for Ground Track gates up to 1800 kgs
  - for Cantilever gates up to 800 kgs
  - low voltage DC Gate Drive
  - optical encoder technology
  - control board protected within a plastic enclosure
  - the ability to fine tune the 500K126MA control board for specific gate applications using a hand-held programmer
  - built-in 2 channel 433.92 MHz rolling-code radio receiver
  - built-in 12V dc battery charger for battery back-up
  - soft start and soft stop
  - obstacle detection and crush prevention
  - practical manual release with personal key
  - **Solar Power capable** with Photovoltaic (PV) Technology \*
- \* See Installation Manual for speed on Battery Power



Technical features	500MASTER18QR
Power supply (to control unit)	230 V AC (50 - 60 Hz)
Motor power supply	18 V DC
Motor Absorption (no load)	2.9 A
Absorbed power	360 W
Max. operating speed	183mm/sec
Duty cycle	100 %
Max. thrust	1350 N
Operating temperature	-20° C - +55° C
Degree of protection	IP 44
Max. gate leaf weight	1800 kg
Pinion module	Module 4

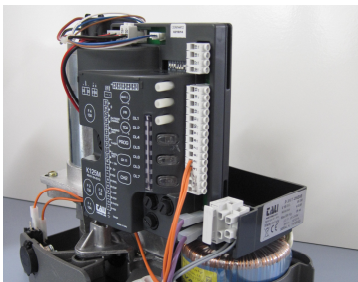
**GATE DRIVE SOLUTIONS**  
The Driving Force Behind Your Gate

GATE DRIVE SOLUTIONS LTD.

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## Additional Product

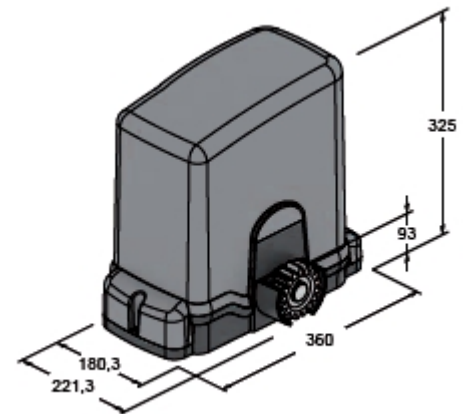
	<b>550CPM</b> Mounting Plate with U Bolts		<b>550CPMR</b> Adjustable Mounting Plate
	<b>Sliding Gate Nylon Rack</b> Steel core, fibreglass reinforced, 22 x 22mm. 1 metre lengths. (Module 4, Max. weight 800 kg)		<b>Square Steel Sliding Gate Rack</b> Zinc plated, with brackets & screws 22 x 22mm. 2 metre lengths. (Module 4, Max. weight 3000 kg)
	<b>BS-400</b> Barrier-Curtain Sensor - outdoor 10 m, 12 m, 30 m sensing range		<b>Cantilever Sliding Gate Back Rail Kit</b> (low rider) for use with 150mmx100mmx5mm Back Rail
	<b>900OPTIC</b> Set of Safety Photocells Beam alignment adjustable up to 15°, 20 to 40 m range		<b>900FOTEC</b> Set of Safety Photocells Beam alignment adjustable up to 5° vertically, 180° horizontally, 10 m range
	<b>ULD911 / ULD913</b> Single Channel 12/24V ac/dc or 230Vac plug-in, vehicle inductive Loop Detector with base. N.O. /N.C. relay output.		<b>ULD921 / ULD923</b> Dual Channel 12/24V ac/dc or 230Vac plug-in, vehicle inductive Loop Detector with base. Directional Control Logic capable.



**Protected control board -**  
within a plastic enclosure



**Practical manual release -**  
protected by a personal key



## SAFETY FIRST OF ALL

The EN logo indicates that the Gate Drive has been tested in accordance with EN 12445-23453 (Safety in use of power operated doors).

**PLEASE NOTE:** The specifications and suggested gate sizes will vary depending upon other variables such as friction of wheels; environmental factors e.g. wind loading, type of cladding and external influences which may assist or degrade the recommended gate sizes.

All automation applications require external safety photocell protection / vehicle loop detector and appropriate warning signs and/or devices.

Imported and marketed in New Zealand by **GATE DRIVE SOLUTIONS LTD.**

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The Information contained in this document is subject to change without notice

26 July 2015