

230V Industrial Sliding Gate Drive

500MASTER20QM

TAU S.r.l. 230Vac Gearmotor Sliding Gate Drive with optical encoder, magnetic limit switches
built-in 500D705M control unit, with battery charger.

Suited to Ground Track gates running near level up to 2000 kgs
and free rolling Cantilever gates up to 1700kgs.



Technical features	500MASTER20QM
Power supply (to control unit)	230 V AC (50 - 60 Hz)
Motor power supply	230 V AC
Motor Absorption (no load)	3.4 A
Absorbed power	550 W
Max. operating speed	175mm/sec
Duty cycle	40 %
Max. thrust	1890 N
Operating temperature	-20° C - +55° C
Degree of protection	IP 54
Max. gate leaf weight	2000 kg
Pinion module	Module 4

TAU S.r.l. 230Vac Gearmotor Sliding Gate Drive with optical encoder, built-in 500D705M control board, with magnetic limit switches.

Suited to Ground Track gates running near level up to 2000 kgs and free rolling Cantilever gates up to 1700 kgs.

- Duty cycle - 40% (up to 8 times per hour)
- Opening speed - 175 mm/sec
- Magnetic limit switches
- Control board protected within a plastic enclosure
- Irreversible gate drive
- Practical manual release with a personal key

Controlled by the D705M Control Board with the following features

- Built-in 2 channel 433.92 Mhz rolling-code radio receiver
- Optical encoder technology for obstacle detection
- Electronic brake

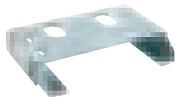

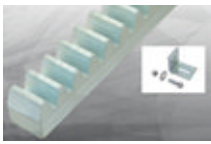







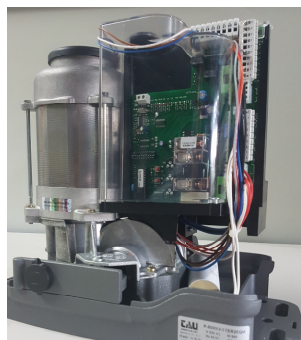
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Additional Product

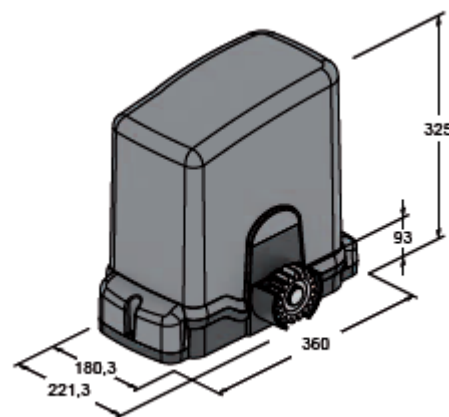
	550CPM Mounting Plate with U Bolts		550CPMR Adjustable Mounting Plate
	Sliding Gate Nylon Rack Steel core, fibreglass reinforced, 22 x 22mm. 1 metre lengths. (Module 4, Max. weight 800 kg)		Square Steel Sliding Gate Rack Zinc plated, with brackets & screws 22 x 22mm. 2 metre lengths. (Module 4, Max.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



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. June 2018