

GATE OPERATOR

T-ONE

5A/5AM 8A/8AM XLA/XLAM

230 V

Up to
1200 kg

Speed
10,5 m/min



P-350T-ONE5A

230 V sliding gate operator with encoder and electromechanical limit switches, complete with electronic control unit and built-in 433,92 MHz rolling code radio receiver. Max. gate weight 500 kg.

P-350T-ONE8A

230 V sliding gate operator with encoder and electromechanical limit switches, complete with electronic control unit and built-in 433,92 MHz rolling code radio receiver. Max. gate weight 800 kg.

P-350T-ONEXLA

230 V sliding gate operator with encoder and electromechanical limit switches, complete with electronic control unit and built-in 433,92 MHz rolling code radio receiver. Max. gate weight 1200 kg.

P-350T-ONE5AM

NEW

230 V sliding gate operator with encoder and magnetic limit switch, complete with electronic control unit and built-in 433,92 MHz rolling code radio receiver. Max. gate weight 500 kg.

P-350T-ONE8AM

NEW

230 V sliding gate operator with encoder and magnetic limit switch, complete with electronic control unit and built-in 433,92 MHz rolling code radio receiver. Max. gate weight 800 kg.

P-350T-ONEXLAM

NEW

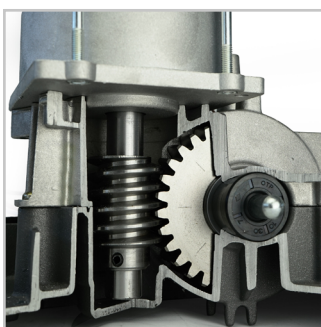
230 V sliding gate operator with encoder and magnetic limit switch, complete with electronic control unit and built-in 433,92 MHz rolling code radio receiver. Max. gate weight 1200 kg.

FEATURES:

- residential/apartment building use
- for gates up to 500/800/1200 kg
- 230 V gate operator
- built-in mechanical limit switches or magnetic limit switches available (optional)
- optical encoder technology for obstacle detection
- electronic control unit with built-in three-channel receiver
- quick programming

PROS:

- quick and easy installation
- obstacle detection and crush prevention
- in accordance with EN 12453 standards* suitable for large sliding gates
- high torque and power
- external emergency release available (P-650ESE03 optional)



MECHANICS OF EXCELLENCE

The gearmotor is built with gears of top quality materials such as carbon steel and ferritic-pearlitic cast iron.



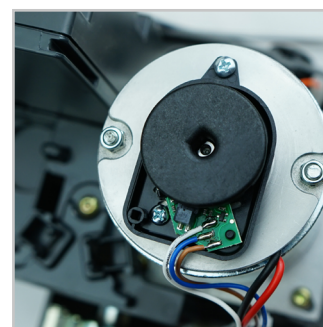
MAXIMUM POWER

Reliability, power and minimum dimensions are the characteristics that distinguish the gearmotors of the T-ONE series.



CONTROL ELECTRONICS

Quick and intuitive programming thanks to signalling LEDs. Three-channel radio receiver built-in the control unit (433,92 MHz, 30 codes to memorize).

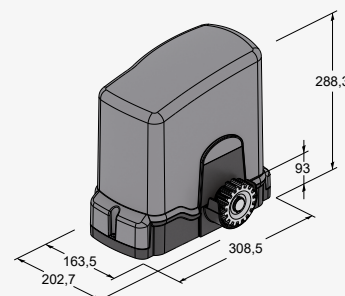


SAFETY

Optical encoder technology as standard on all versions in order to grant a continued and reliable obstacle control.

Technical features	T-ONE5A	T-ONE5AM	T-ONE8A	T-ONE8AM	T-ONEXLA	T-ONEXLAM
Power supply	230 V AC (50 - 60 Hz)					
Motor power supply	230 V AC					
Open circuit voltage	1,2 A		1,3 A		2,1 A	
Power rating	220 W		240 W		340 W	
Max. operating speed	10,5 m/min					
Duty cycle	40 %					
Operating temperature	-20° C ÷ +55° C					
Motor thermal protection	150°C					
Degree of protection	IP 54					
Max. gate leaf weight	500 kg		800 kg		1200 kg	
Max. weight cantilever / telescopic gate leaf	350 kg		560 kg		840 kg	
Pinion module	4					
Electronic control unit	K590M					
Electromechanical limit switches	✓		✓		✓	
Magnetic limit switches		✓		✓		✓
Gearmotor weight	7,1 Kg	7,1 Kg	8,8 Kg	8,8 Kg	8,9 Kg	8,9 Kg

TECHNICAL DRAWINGS





T-ONE KIT

WITH KEY SELECTOR

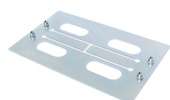
KIT composition:



GATE OPERATOR



P-900VLED



P-400CPO



P-900OPTIC



C-CRT



P-300TKEY + P-300TSL



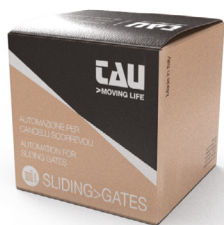
P-250K-SLIMRP

MODELS IN: DC MOTOR

KIT	MODEL	MAX. WEIGHT	ENCODER	ELECTROMECHANICAL LIMIT SWITCHES	MAGNETIC LIMIT SWITCHES
K-T-ONEKIT4BL	P-350T-ONE4B	400 Kg	●		
K-T-ONEKIT4BF	P-350T-ONE4BF	400 Kg	●	●	
K-T-ONEKIT4BM	P-350T-ONE4BM	400 Kg	●		●
K-T-ONEKIT6BL	P-350T-ONE6B	600 Kg	●		
K-T-ONEKIT6BF	P-350T-ONE6BF	600 Kg	●	●	
K-T-ONEKIT6BM	P-350T-ONE6BM	600 Kg	●		●
K-T-ONEKIT10BL	P-350T-ONE10B	1000 Kg	●		
K-T-ONEKIT10BF	P-350T-ONE10BF	1000 Kg	●	●	
K-T-ONEKIT10BM	P-350T-ONE10BM	1000 Kg	●		●

MODELS IN: 230 V AC

KIT	MODEL	MAX. WEIGHT	ENCODER	ELECTROMECHANICAL LIMIT SWITCHES	MAGNETIC LIMIT SWITCHES
K-T-ONEKIT5A	P-350T-ONE5A	500 Kg	●	●	
K-T-ONEKIT5AM	P-350T-ONE5AM	500 Kg	●		●
K-T-ONEKIT8A	P-350T-ONE8A	800 Kg	●	●	
K-T-ONEKIT8AM	P-350T-ONE8AM	800 Kg	●		●
K-T-ONEKITXLA	P-350T-ONEXLA	1200 Kg	●	●	
K-T-ONEKITXLAM	P-350T-ONEXLAM	1200 Kg	●		●



T-ONE KIT

WITH TWO TRANSMITTERS

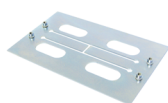
KIT composition:



GATE OPERATOR



P-900VLED



P-400CPO



P-900OPTIC



C-CRT



P-250K-SLIMRP



P-250K-SLIMRP

MODELS IN: DC MOTOR

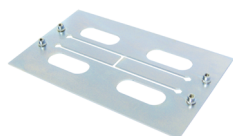
KIT	MODEL	MAX. WEIGHT	ENCODER	ELECTROMECHANICAL LIMIT SWITCHES	MAGNETIC LIMIT SWITCHES
K-T-ONEKIT4BL2	P-350T-ONE4B	400 Kg	●		
K-T-ONEKIT4BF2	P-350T-ONE4BF	400 Kg	●	●	
K-T-ONEKIT4BM2	P-350T-ONE4BM	400 Kg	●		●
K-T-ONEKIT6BL2	P-350T-ONE6B	600 Kg	●		
K-T-ONEKIT6BF2	P-350T-ONE6BF	600 Kg	●	●	
K-T-ONEKIT6BM2	P-350T-ONE6BM	600 Kg	●		●
K-T-ONEKIT10BL2	P-350T-ONE10B	1000 Kg	●		
K-T-ONEKIT10BF2	P-350T-ONE10BF	1000 Kg	●	●	
K-T-ONEKIT10BM2	P-350T-ONE10BM	1000 Kg	●		●

MODELS IN: 230 V AC

KIT	MODEL	MAX. WEIGHT	ENCODER	ELECTROMECHANICAL LIMIT SWITCHES	MAGNETIC LIMIT SWITCHES
K-T-ONEKIT5A2	P-350T-ONE5A	500 Kg	●	●	
K-T-ONEKIT5AM2	P-350T-ONE5AM	500 Kg	●		●
K-T-ONEKIT8A2	P-350T-ONE8A	800 Kg	●	●	
K-T-ONEKIT8AM2	P-350T-ONE8AM	800 Kg	●		●
K-T-ONEKITXLA2	P-350T-ONEXLA	1200 Kg	●	●	
K-T-ONEKITXLAM2	P-350T-ONEXLAM	1200 Kg	●		●

ACCESSORIES

COMMON ACCESSORIES



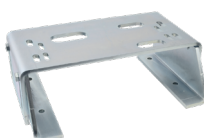
P-400CPO
Counterplate



K-400CPE
40 mm overhead counterplate



P-550CPMR
Adjustable counterplate from min. 65 mm to max. 94 mm



P-550CPMR1
Adjustable counterplate from min. 124 to max. 202 mm



K-400CPE75
75 mm overhead counterplate



P-400VP40
Screws for P-400CN (40 screws per pkg)



P-400CN
Reinforced nylon rack 22x22 mm with steel core (max 800 kg). Pcs / Pack 10x1 m. (Price per meter, when ordering the rack, the total meters required must be specified)



P-400CFZ12
Steel rack 30x12, complete with screws (Module 4, max 2000 kg) Pcs / Pack 4x1 m. (Price per meter, when ordering the rack, the total meters required must be specified)



P-400FI
Adjustable hydraulic brake for sliding gates on a slope (not recommended for DC models)



P-650ESE03
External emergency release device (flush-mounted) with tamper-proof housing and 4 m cable



P-900TWC
Battery-powered wireless slave transmitter for mobile/fixed sensitive edge (manages up to max. 2 sensitive edges per TWC)



P-700BAP4
Gate stopper with spring



P-900TWM
Master receiver for central interface (manages up to max. 4 TWCs)



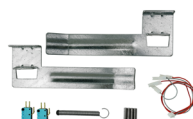
P-900BSD15
Deformable safety edge kit l = 1,5 m



P-900BSD20
Deformable safety edge kit l = 2 m



P-400FCM
Magnetic limit switch kit for T-ONE and MASTER series gearmotors



P-350T-ONEKITFC
Electromechanical limit switches kit for T-ONE. The carter needs to be replaced (cod. S-350EVO0150).
(Only for gate operator produced before 2024)



P-250T-CONNECT
Ethernet + Wi-Fi device - to enable through TauOpen 2.0 application, the use of the smartphone remotely, to open/close and check the status of the gate



P-250BLUEWAY
Multi-function interface connecting TAU control units to a smartphone or PC via Bluetooth, enabling the configuration and management of control units and radio memories through TauApp 2.0

NEW



P-250SM120
Memory card for 120 radio codes

P-250SM250
Memory card for 250 radio codes

P-250SM1000
Memory card for 1000 radio codes



P-900T-COMM
Interface for connecting 2 opposite sliding gate automation in master/slave mode

ACCESSORIES FOR 18/24 VOLT



K-200KB4
Battery charger and backup 12 V 7,2 Ah battery kit

CHAIN VERSION

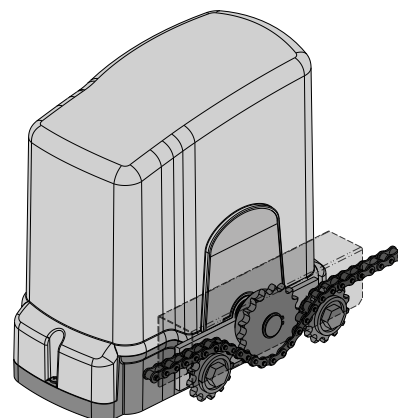
Upon request, the T-ONE gearmotor is available with the pinion for chain transmission

120 VOLT VERSION



AVAILABLE

Upon request, the T-ONE gearmotor is also available in the 120 V - 60Hz version for foreign markets



Use and maintenance manuals



T-ONE



K124MA



K130MA



K590M