GATE OPERATOR

T-ONE

10B / 10BF / 10BM

DC MOTOR | **Up to 1000 kg** | **Speed 14 m/min**



P-350T-ONE10B

DC sliding gate operator with encoder, complete with electronic control unit and built-in 433,92 MHz rolling code radio receiver. Max. gate weight 1000 kg. Suitable for telescopic gates.

P-350T-ONE10BF

DC sliding gate operator with encoder, electromechanical limit switches, complete with electronic control unit and built-in 433,92 MHz rolling code radio receiver. Max. gate weight 1000 kg.

P-350T-ONE10BM NEW

DC sliding gate operator with encoder, magnetic limit switch, complete with electronic control unit and built-in 433,92 MHz rolling code radio receiver. Max. gate weight 1000 kg.



Accessories for T-ONE series
Page 32 - 33



Further accessories:
Transmitters Page 222
Photocells Page 228
Flashing lights Page 232

120 VOLT AVAILABLE

Professional APP

Family app

EN 12453

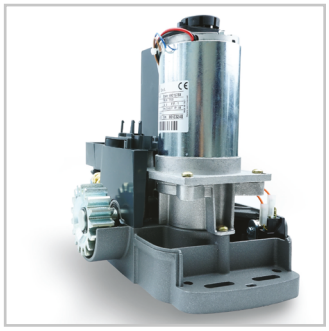
MADE IN ITALY

FEATURES:

- residential/apartment building use
- for gates up to 1000 kg
- low voltage DC gate operator
- optical encoder technology
- electronic control unit with built-in three-channel receiver

PROS:

- obstacle detection and crush prevention
- in accordance with EN 12453 standards
- works even during power outage thanks to the optional backup battery
- intensive use, ideal for use on apartment buildings and public entrances
- external emergency release available (P-650ESE03 optional)
- soft start and soft stop
- auto-learning of the gate stroke through optical encoder



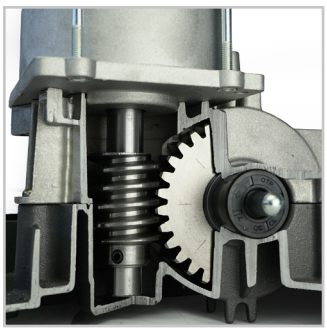
INTENSIVE USE
100% continuous working cycle thanks to the low voltage DC motor.



OPTICAL ENCODER
Obstacle detection and anti-crushing safety ensured by the optical encoder. The encoder also manages the deceleration in the closing and opening phases and the adjustment of the gate stroke which doesn't require a limit switches.



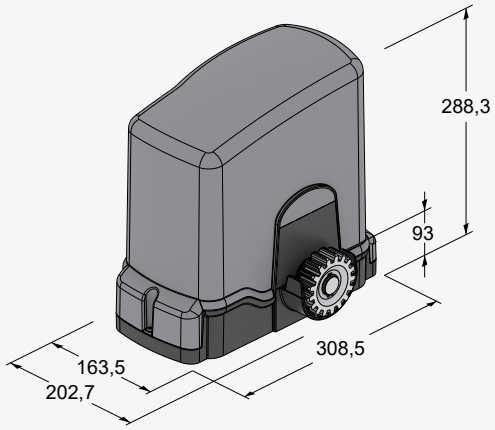
RELIABILITY
Both 12 and 24 V versions work even during power outage thanks to the optional backup battery.



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

TECHNICAL DRAWINGS

Technical features	T-ONE10B	T-ONE10BF	T-ONE10BM
Power supply	230 V AC (50 - 60 Hz)		
Motor power supply	18 V DC		
Open circuit voltage	1,1 A		
Power rating	300 W		
Max. operating speed	14 m/min		
Duty cycle	100 %		
Operating temperature	-20° C ÷ +55° C		
Motor thermal protection	-		
Degree of protection	IP 54		
Max. gate leaf weight	1000 kg		
Max. weight cantilever / telescopic gate leaf	700 kg		
Pinion module	4		
Electronic control unit	K130MA		
Electromechanical limit switches		✓	
Magnetic limit switches			✓
Gearmotor weight	8,5 Kg	8,5 Kg	8,5 Kg



EN 12453 *For system certifications on gate leaves exceeding 500 kg, the use of mobile safety sensitive edges with a wireless safety system (TWC + TWM) is required.



T-ONE KIT

WITH KEY SELECTOR

KIT composition:



GATE OPERATOR



P-900VLED



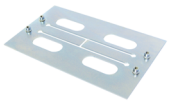
P-900OPTIC



P-300TKEY + P-300TSL



P-250K-SLIMRP



P-400CPO



C-CRT

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



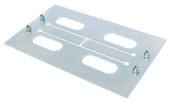
P-900OPTIC



P-250K-SLIMRP



P-250K-SLIMRP



P-400CPO



C-CRT

MODELS IN: DC MOTOR

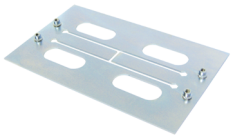
KIT	MODEL	MAX. WEIGHT	ENCODER	ELECTROMECHANICAL LIMIT SWITCHES	MAGNETIC LIMIT SWITCHES
K-T-ONEKIT4BL2	P-350T-ONE4B	400 Kg	●		
K-T-ONEKIT4BF2	P-350T-ONE4BF	400 Kg	●	●	
K-T-ONEKIT4BM2	P-350T-ONE4BM	400 Kg	●		●
K-T-ONEKIT6BL2	P-350T-ONE6B	600 Kg	●		
K-T-ONEKIT6BF2	P-350T-ONE6BF	600 Kg	●	●	
K-T-ONEKIT6BM2	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)

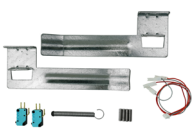


P-900BSD15
Deformable safety edge kit *l* = 1,5 m

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. <u>The carter needs to be replaced (cod. S-350EVO0150).</u>
<u>(Only for gate operator produced before 2024)</u>

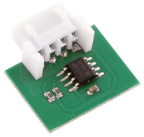


P-250T-CONNECT
Ethernet + Wi-Fi device - to enable through TauOpen 2.0 application, the use of the smartphone remotely, to open/close and check the status of the gate



NEW

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



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

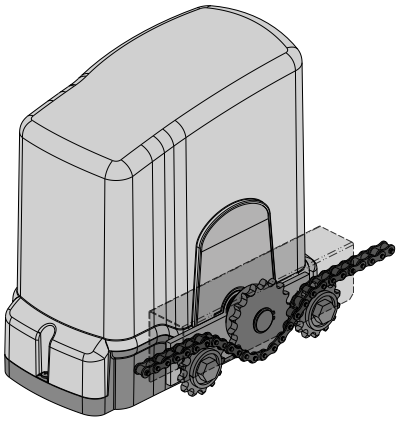
ACCESSORIES FOR 18/24 VOLT



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

120 VOLT 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