

GATE OPERATOR

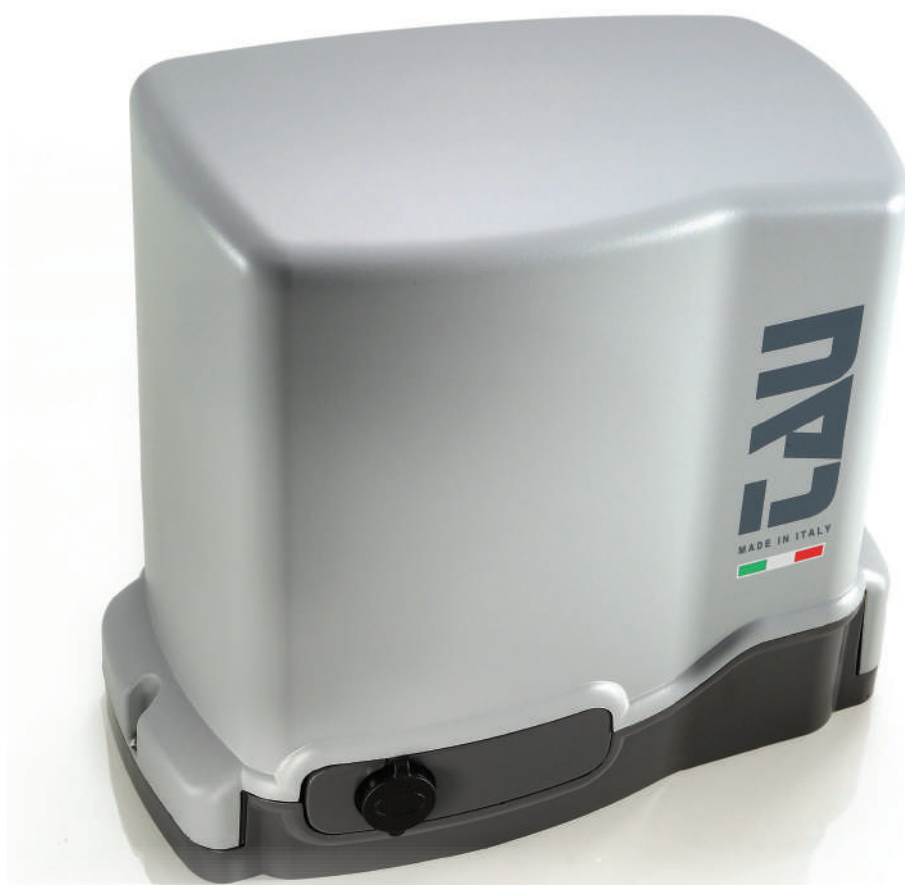
T-ONE

3B

DC
MOTOR

Up to
400 kg

Speed
14 m/min



350T-ONE3B

DC sliding gate operator with encoder, complete with electronic control unit and built-in 433,92 MHz rolling code radio receiver. Maximum gate weight 400 kg.



**Accessories for
T-ONE series**
Page 32



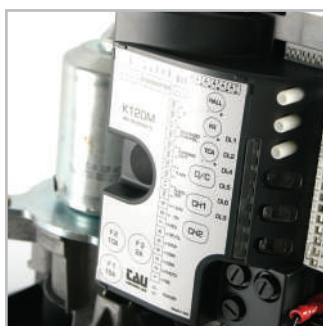
Further accessories:
Transmitters page 234
Photocells page 239
Flashing lights
page 242

FEATURES:

- residential use
- for gates up to 400 kg
- low voltage DC gate operator
- encoder technology (no limit switches required)
- electronic control unit with built-in receiver
- only available in the kit version

PROS:

- obstacle detection and crush prevention
- in accordance with EN 12453 standards
- works even during power outage thanks to the optional backup battery
- external emergency release available (optional, P/N 650ESE03)
- soft start and soft stop
- self-adjusting gate stroke through magnetic encoder



PROTECTION

The control panel is protected by a cover complete with buttons for programming and stroke adjustments without the use of tools. The diagnostic leds are easily visible and the protection fuses are easy to remove.



INSTALLATION

Safer installation thanks to the 4 fixing points and to the practical height adjustment. The cover is made of non-scratch UVA-resistant engineering plastics.



PRACTICAL

The manual release is easy, intuitive and protected by a personal key. External emergency release available.



SAFETY

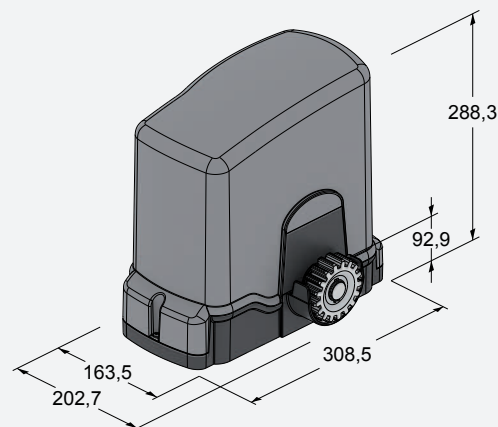
Obstacle detection and anti-crushing safety ensured by the magnetic encoder. The encoder also manages the deceleration in the closing and opening phases and the adjustment of the gate stroke which doesn't require a limit switch.

TECHNICAL DRAWINGS

Technical features

T-ONE3B

| | |
|--------------------------|-----------------------|
| Power supply | 230 V AC (50 - 60 Hz) |
| Motor power supply | 24 V DC |
| Open circuit voltage | 1,3 A |
| Power rating | 200 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 | 400 kg |
| Pinion module | 4 |
| Electronic control unit | K120M |





KIT

**DC
MOTOR**

Up to
400 kg



T-ONEKIT3BL

Complete automation kit for sliding gates up to 400 kg, with **350T-ONE3B** gate operator

Accessories included in the kit:



900VLED

Low voltage 12-18-24 Volt white led flashing light



**300T-KEY
+ LED TSL**

Die-cast aluminium key switch + LED courtesy light for T-KEY



900OPTIC

Set of infrared safety photocells, 12/24 V, surface mount, beam alignment adjustable up to 15°, up to 20 m range



400CPO

Counterplate



250K-SLIMRP

Two-channel transmitter, rolling code technology, 433,92 MHz



C-CRT

Warning signal



T-ONEKIT3BL2

Complete automation kit for sliding gates up to 400 kg, with **350T-ONE3B** gate operator

Accessories included in the kit:



900VLED

Low voltage 12-18-24 Volt white led flashing light



900OPTIC

Set of infrared safety photocells, 12/24 V, surface mount, beam alignment adjustable up to 15°, up to 20 m range



400CPO

Counterplate



250K-SLIMRP

Two-channel transmitter, rolling code technology, 433,92 MHz



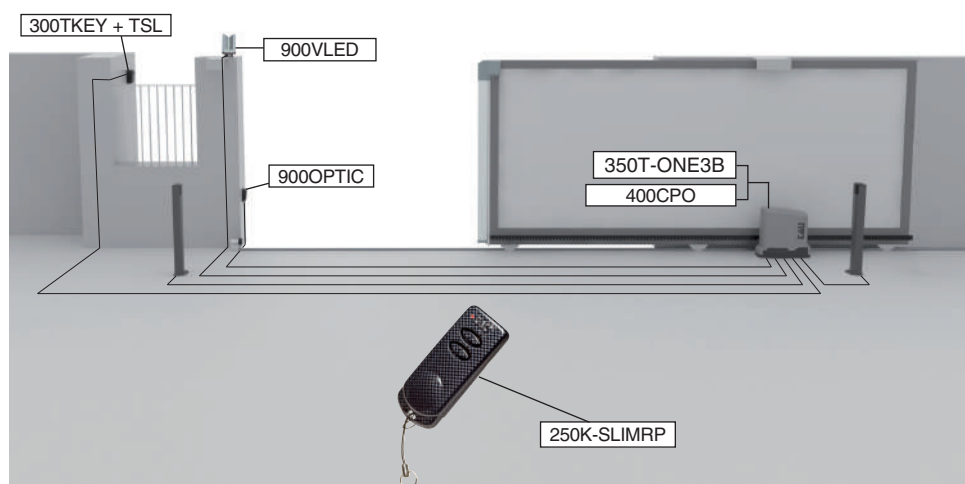
250K-SLIMRP

Two-channel transmitter, rolling code technology, 433,92 MHz



C-CRT

Warning signal



ACCESSORIES

COMMON ACCESSORIES



400CPO
Counterplate



400CPE
40 mm overhead counterplate



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



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



400CPE75
75 mm overhead counterplate



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



400CN
Steel core, fibreglass reinforced, 22x22 nylon rack (Module 4, max 800 kg). Pcs / Pack 10 m



400CFZ12
Steel rack 30x12, complete with screws (Module 4, max 2000 kg) Pcs / Pack 4 m



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



700BAP4
Gate stopper with spring



900TWM
Wireless master receiver for max 8 safety edges



900TWC
Mobile wireless slave transmitter for safety edge



900BSD15
Deformable safety edge kit / = 1,5 m



900BSD20
Deformable safety edge kit / = 2 m



900OPTIC
Set of infrared safety photocells, 12/24 V, surface mount, beam alignment adjustable up to 15°, up to 20 m range



900VLED
Low voltage 12-18-24 Volt white led flashing light



900TOWERF
Photocell standard mounting post, painted aluminium, 49 cm, with removable cover for easy installation and photocell adjustment



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

ACCESSORIES FOR 12/18/24 VOLT



200BATT
12 V back-up battery, 7,2 Ah
with cable



900T-COMM
Interface for connecting two (2) control
boards on master/slave mode; enabling
with Tauprog for T-ONE8BR and
T-ONE10B models



M-030KITKB20
Battery cables kit (20 pcs)



200KB3
Battery charger and backup battery kit
for K120M control unit



250SM126
Memory card for 126 radio
codes



250SM254
Memory card for 254 radio codes

ACCESSORIES FOR 230 VOLT

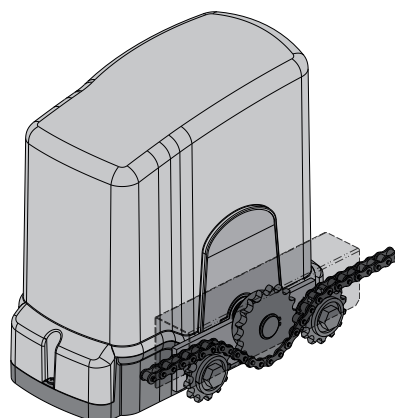


400FCM
Magnetic limit switches

CHAIN VARIANT



Upon request, the T-ONE gearmotor is available with the pinion for chain transmission and for foreign markets the 120 Volt variant is also available.



Use and maintenance manuals



T-ONE



K120M



K125M



K126MA



K590M