

12
VOLT

GATE OPERATOR

ARM 2000BI 3000BI

For gate leaves up to 4 m



650ARM2000BI

DC electromechanical covered screw gate operator with encoder. Maximum gate leaf 3 m.

650ARM3000BI

NEW

DC electromechanical covered screw gate operator with encoder. Maximum gate leaf 4 m.

Features:

- residential use
- for gates leaves up to 4 m
- low voltage DC gate operator
- optical encoder technology
- covered screw gate operator

Pros:

- obstacle detection and crush prevention
- in accordance with EN 12445-12453 standards
- works even during power outage thanks to the optional backup battery
- fast operating speed
- soft start and soft stop
- intensive use, ideal for use on apartment buildings and public entrances
- bronze lead nut for strength and silent operation
- electrical connections are easier thanks to the larger upper space
- quick and easy installation

Technical features

	ARM2000BI	ARM3000BI
Power supply	230 V AC (50 - 60 Hz)	230 V AC (50 - 60 Hz)
Motor power supply	18 V DC	18 V DC
Open circuit voltage	1,1 A	1,1 A
Power rating	120 W	120 W
Opening time 90°	12 sec.	18 sec.
Duty cycle	100 %	100 %
Max. thrust	2600 N	2600 N
Operating temperature	-20° C ÷ +55° C	-20° C ÷ +55° C
Motor thermal protection	-	-
Degree of protection	IP 44	IP 44



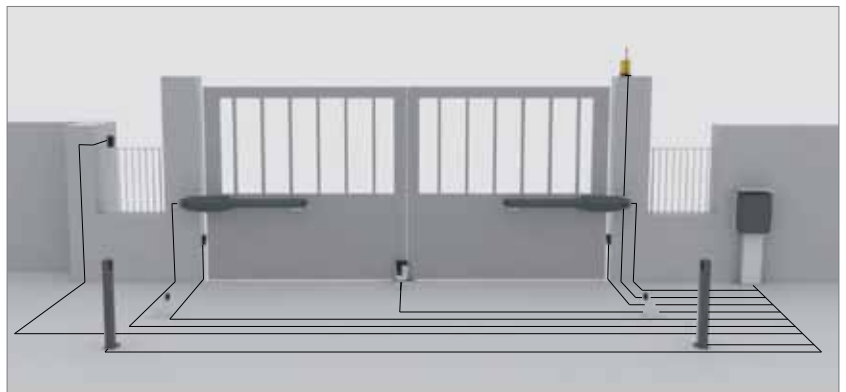
Easy mounting

Multi-position adjustable brackets allow greater flexibility during assembly even on non standard sized posts (sold separately).



Manual release with personal key

Easy-to-operate manual release with key lock for the less skilled users.



The above represented installation does not include safety devices such as safety edges. Their addition depends upon the risk assessment made on any installation in accordance with EN 12445-12453 standards.



KARM2000BI

Complete double arm automation kit for gates up to 3 + 3 m, with two 650ARM2000BI gate operators

KARM3000BI

Complete double arm automation kit for gates up to 4 + 4 m, with two 650ARM3000BI gate operators

Accessories included in the kit:



900OPTIC



750D749MA



300T-KEY
aluminium
+ LED TSL



250ANTD



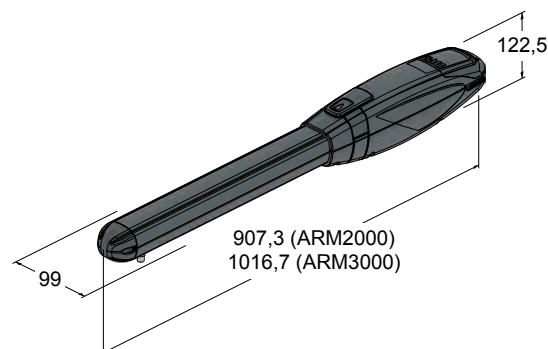
900LAMP4



250K-SLIMRP



C-CRT



Accessories



200BATT
12 Volt Battery, 7,2 Ah
with cable



M-030KITKB20
Battery cables kit (20 pcs)



750D749MA
Electronic control unit for one
or two DC gate operators with
encoder, complete with 433,92
Mhz rolling code radio receiver,
battery charger, transformer and
enclosure



700BAP
Gate stopper for heavy
leaves



M-030000CC50
Multicore cable (2 x 2.5
sq.mm + 3 x 0.5 sq.mm)



700BAP1
Gate stopper for light leaves



700GS5
Weatherproof cable
connector for 5-core 12 V
cable



700BAP2
Gate stopper wall/floor
mount



650ESV1-2
Electric lock (1 = left hand
opening – 2 = right hand
opening)



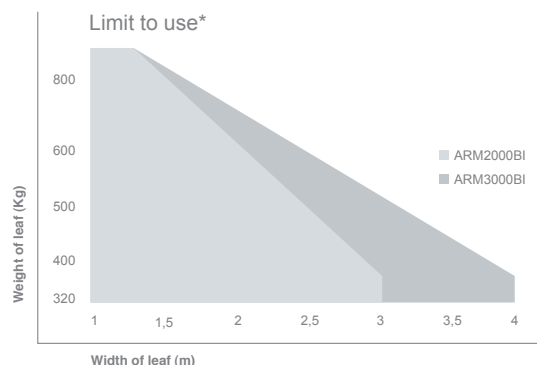
650ARMKITFCR
Adjustable mechanical
stoppers (2 pcs)



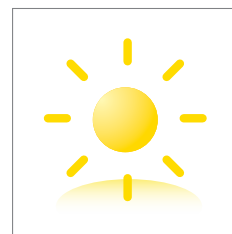
P-650ARMKITSTF
Multi-position adjustable
brackets



250SM126 **NEW**
Memory card for 126 radio
codes



*They refer to leaves with openings and not totally closed panels.



Solar power
Thanks to the Photovoltaic (PV) Technology, every low voltage DC gate operator can be solar powered. Discover the advantages of the solar energy at page 130



Further accessories:
Transmitters page 110
Photocells page 116
Flashing lights page 119

⚠ Use only M-030000CC50 cable or equivalent

📄 See page 134 for assembly measurements and opening angle

230
VOLT

GATE OPERATOR

ARM 2000IS/IF/IFC 3000IFC

For gate leaves up to 4 m



650ARM2000IS

230 V electromechanical covered screw gate operator. Maximum gate leaf 3 m.

650ARM2000IF

230 V electromechanical covered screw gate operator with opening electrical limit switch. Maximum gate leaf 3 m.

650ARM2000IFC

230 V electromechanical covered screw gate operator with opening and closing electrical limit switches. Maximum gate leaf 3 m.

650ARM3000IFC

NEW

230 V electromechanical covered screw gate operator with opening and closing electrical limit switches. Maximum gate leaf 4 m.

Features:

- residential use
- for gates leaves up to 4 m
- 230 V gate operator
- built-in capacitor
- covered screw gate operator
- adjustable mounting brackets (sold separately)

Pros:

- bronze lead nut for strength and silent operation
- electrical connections are easier thanks to the larger upper space
- quick and easy installation
- manual release with key lock
- high torque and power

Technical features

	ARM2000IS/IF/IFC	ARM3000IFC
Power supply	230 V AC (50 - 60 Hz)	230 V AC (50 - 60 Hz)
Motor power supply	230 V AC	230 V AC
Absorption	1,5 A	1,5 A
Power rating	280 W	280 W
Opening time 90°	20 sec.	28 sec.
Duty cycle	36 %	36 %
Max. thrust	2300 N	2300 N
Operating temperature	-20° C ÷ +55° C	-20° C ÷ +55° C
Motor thermal protection	160° C	160° C
Degree of protection	IP 44	IP 44



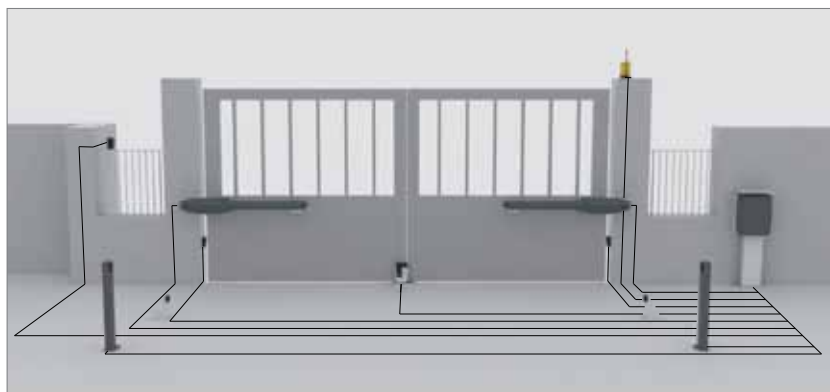
Easy mounting

Quick and easy installation thanks to the multi-position adjustable mounting brackets supplied with each gate operator (sold separately).



Adjustable limit switches

Electro-mechanical limit switches allow gate position adjustment even when gate stoppers are not used



The above represented installation does not include safety devices such as safety edges. Their addition depends upon the risk assessment made on any installation in accordance with EN 12445-12453 standards.



KARM2000IS

Complete double arm automation kit for gates up to 3 + 3 m, with two 650ARM2000IS gate operators

KARM3000IS

Complete double arm automation kit for gates up to 4 + 4 m, with two 650ARM3000IFC gate operators

Accessories included in the kit:



900OPTIC



750D760M



300T-KEY
aluminium +
LED TSL



250ANTD



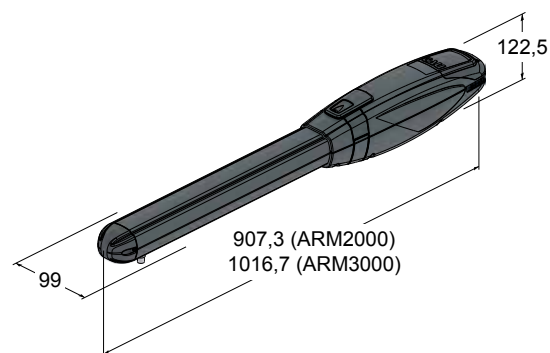
900LAMP3



250K-SLIMRP



C-CRT



Accessories



750D760M
Electronic control unit for one or two 230 V gate operators with soft-stop and built-in 433,92 MHz rolling code radio receiver, complete with enclosure



700BAP
Gate stopper for heavy leaves



750CUP
Control unit enclosure protective lid



700BAP1
Gate stopper for light leaves



700GS3
Weatherproof cable connector for 3-core 230 V cable



700BAP2
Gate stopper wall/floor mount



650ESV1-2
Electric lock (1 = left hand opening – 2 = right hand opening)



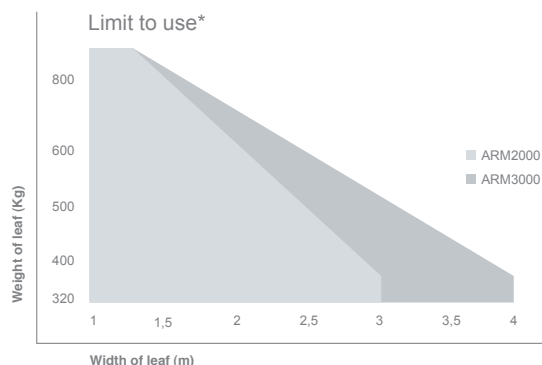
650ARMKITFCR
Adjustable mechanical stoppers (2 pcs)



C-TARG
Aluminium CE Mark Label, self adhesive



P-650ARMKITSTF
Multi-position adjustable brackets



*They refer to leaves with openings and not totally closed panels.



Further accessories:
Transmitters page 110
Photocells page 116
Flashing lights page 119

See page 134 for assembly measurements and opening angle