

230 v
power control

24 v
Safe and fast



DYNAMOS

AUTOMATION FOR SLIDING GATES

Irreversible electro-mechanical motorgear with "easy-control" anti-crushing system. 230Vac and 24 Vdc



■ SILENT AND PRECISE MECHANICS

Reliability and safety are at the base of the mechanical components: produced with sturdy materials, they turn on large ball bearings that are attached to die-cast aluminium roller housings. The internal gear has involute teeth. This special construction allows maximum contact between the worm screw and the gear. The tooth wraps around the screw whereas in traditional construction the parts in contact add up to just a few millimetres.

The result? Quiet movement, high performance, no wear.

■ SMART ELECTRONICS

The control unit is built-in and protected inside the reduction gear. It is easily programmable, and it ensures protection against crushing by reversing directions if there is an obstacle thanks to the "easy-control" innovative technology. The gradual "soft start" and the deceleration at end of travel allow gentle, safe movement of the gate. The presence of an optional NO channel allows radio control of other systems (e.g. home lighting) with the third key of the transmitter.

■ SAFE AND SIMPLE RELEASE

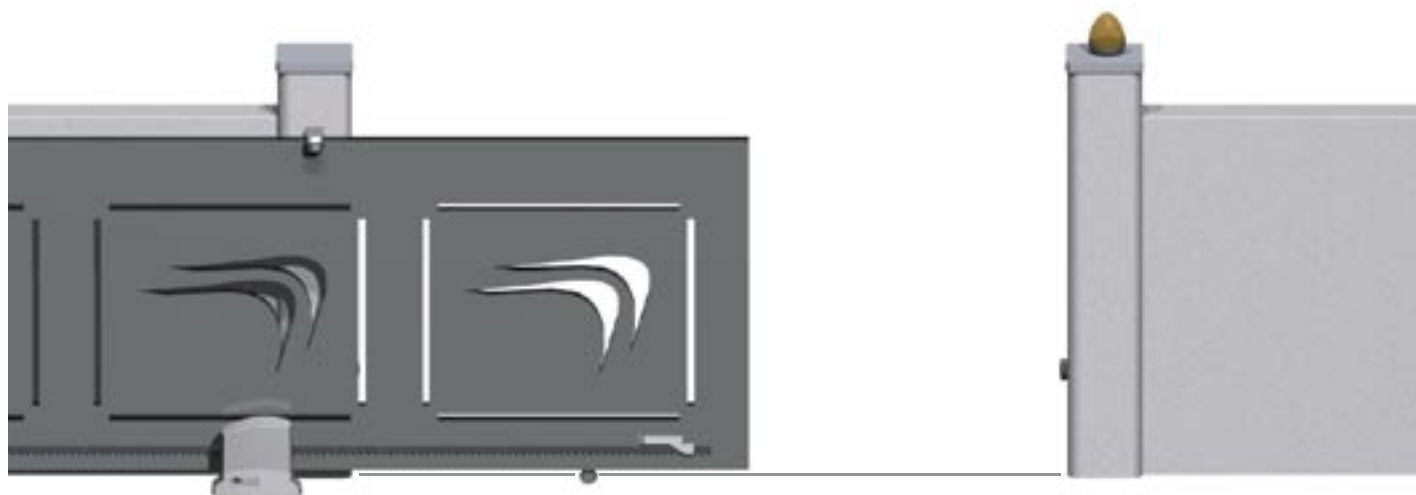
The sturdy handle in die cast aluminium with personalized key allows manual opening of the gate and disables the electronic apparatus, preventing undesired movement.

■ RELIABILITY OVER TIME

4 Kg of die cast aluminium, ABS plastic parts with anti-UVA ray treatment and pure polyester painting make Dynamos a solid automation that can stand up to any sort of weather.

■ OPERATES EVEN DURING A POWER OUTAGE

The 24 V DC version can be equipped with tow backup batteries inserted in the automation device that ensure operation even if the power supply is disrupted. The charging card is built-in as standard on all the 24Vdc Star D400 and Star D500 control units.



230 Vac

24 Vdc

TECHNICAL DATA		Dyn 500	Dyn 1000	Dyn 24/350	Dyn 24/600
Power supply	(Vac 50Hz)	230	230	230	230
Motor power supply	(Vac/Vdc)	230	230	24	24
Motor Power	(W)	200	400	40	70
Input current	(A)	1,3	1,9	3	1,8
Operating temperature	(°C)	-20 ÷ +55	-20 ÷ +55	-20 ÷ +55	-20 ÷ +55
Overload cut-out	(°C)	140	140	-	-
Speed	(m/min)	10	10	9 ÷ 15	9 ÷ 15
Cycle of work	(%)	30	30	50	80
Dimensions	(mm)	325x185x274	325x185x274	325x185x274	325x185x274
Automation weight	(Kg)	10	12	9	11
Gate max. weight	(Kg)	500	1000	350	600

AVAILABLE VERSIONS

Code	Description
Dynamos 500	Irreversible 230 Vac with incorporate control unit, transformer 20VA, radio receiver 433.92 MHz, gate max weight 500 kg
Dynamos 1000	Irreversible 230 Vac with incorporate control unit, transformer 20VA, radio receiver 433.92 MHz, gate max weight 1000 kg
Dynamos 24/350	Irreversible 24 Vdc with incorporate basic control unit Star D 500, transformer 150VA, radio receiver 433.92 MHz, gate max weight 350 kg
Dynamos 24/350 EV	Irreversible 24 Vdc with incorporate control unit, transformer 150VA, radio receiver 433.92 MHz, gate max weight 350 kg
Dynamos 24/600	Irreversible 24 Vdc with incorporate control unit, transformer 150VA, radio receiver 433.92 MHz, gate max weight 600 kg

ACCESSORIES FOR DYNAMOS

Code	Description
CRIS 100	Nylon rack with metal inserts with 6 joints complete with screws, 28x20x1000
CRIS 200	Rack in galvanized steel complete with screws and spacers 30x8x1000
CRIS 400	Rack in galvanized steel 22x22x1000
STAR D 100	Spare control unit for DYNAMOS 230
STAR D 400	Spare control unit for DYNAMOS 24/600 and 24/350 EV
STAR D 500	Spare control unit for DYNAMOS 24/350
BAT 08	Backup batteries to be inserted in Dynamos 24 (for gates up to 400 kg)



Dynamos Kit

COMPLETE AUTOMATIONS FOR SLIDING GATES

Kit for sliding gates. 230 Vac and 24 Vdc.



Code	Motor 230 Vac	Motor 24 Vdc	Key selector	External photocell	Flashing lamp with antenna	2-channel radio remote	Sign board	Max. weight
Dy Kit 230/500	●		●	●	●	●	●	500 Kg
Dy Kit 230/500 LT	●			●		●		500 Kg
Dy Kit 24/350		●	●	●	●	●	●	350 Kg
Dy Kit 24/350 LT		●		●		●		350 Kg
Dy Kit 24/350 EV		●	●	●	●	●	●	350 Kg
Dy Kit 24/600 EV LT		●		●		●		350 Kg
Dy Kit 24/600		●	●	●	●	●	●	600 Kg
Dy Kit 24/600 LT		●		●		●		600 Kg

To order kit without key selector and sign board and with 2 radio transmitters include the letters "FR" after the code. Example: Dy Kit 230/500 FR