

Dynamos

Automation for sliding gates up to 1200Kg



PRECISE AND SILENT 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.

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.

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



Silent mechanics



Key release system



4,5 Kg of aluminum



230 V electronic unit



24 V electronic unit



Back-up battery

AVAILABLE VERSIONS

Code	Motor	Electronic board	Radio receiver	Fixing kit	Gate max. weight
Dynamos 500	230 Vac	Star D 1230	●	●	500 Kg
Dynamos 1000	230 Vac	Star D 1230	●	●	1000 Kg
Dynamos 24/350	24 Vdc	Star D 124	●	●	350 Kg
Dynamos 24/600	24 Vdc	Star D 124	●	●	600 Kg
Dynamos 24/1200	24 Vdc	Star D 124	●	●	1200 Kg



Basic installation:

- 1 Operator Dynamos
- 1 Photocells Viky 11
- 1 Flashing lamp with antenna Idea Plus
- Radio transmitters Stylo

Accessories:

- Novo line accessories
- Safety edges

BUILT-IN ELECTRONICS

Star D 1230 and Star D 124 are the control units integrated into the Dynamos automation. They simplify the job of the installer ensuring high performance in terms of safety, durability and speed.

A sole hardware speeds up the commissioning of automation management and maintenance becomes simple and practical.

The plastic box, spare fuses and the removable memory card are some examples of functionality and design of this reliable and innovative product. The software technology PWM (Pulse width modulation) in the 24 Vdc control units and the Cycle Set Up system in the 230 Vac control units ensure maximum safety in case of obstacles and allow to adjust the gate speed in opening and closing.



TECHNICAL DATA		D 500	D 1000	D 24/350	D 24/600	D 24/1200
Supply	(Vac 50Hz)	230	230	230	230	230
Motor	(Vac/Vdc)	230	230	24	24	24
Motor power	(W)	200	400	40	70	80
Operating temperature	(°C)	-20 ÷ +55	-20 ÷ +55	-20 ÷ +55	-20 ÷ +55	-20 ÷ +55
Overload cut-out	(°C)	140	140	-	-	-
Speed	(m/min)	10	10	9 ÷ 15	9 ÷ 15	9 ÷ 15
Work cycle	(%)	60	60	50	100	80
Dimensions	(mm)	325x185x274	325x185x274	325x185x274	325x185x274	325x185x274
Automation weight	(Kg)	10	12	9	11	11
Max weight of the gate	(Kg)	500	1000	350	600	1200

Dynamos Kit

Kit solutions
for sliding gates



KIT SOLUTION

Vast flexibility for all types of installation thanks to the multiple choice of kits with different range of accessories.



Gear motor
Dynamos



Control unit **Star**
with radio receiver



Radio transmitter
Rolling code - 4 channels
Stylo 4



Flashing light
with built-in antenna
Idea 24 Plus



Pair of
photocells
Viky 11



Sign
board
Tab



Wall mounted flashing
light with built-in antenna
Novo LT 24 Plus



Adjustable
photocell
NOVO Ph 180

KIT - AVAILABLE VERSIONS

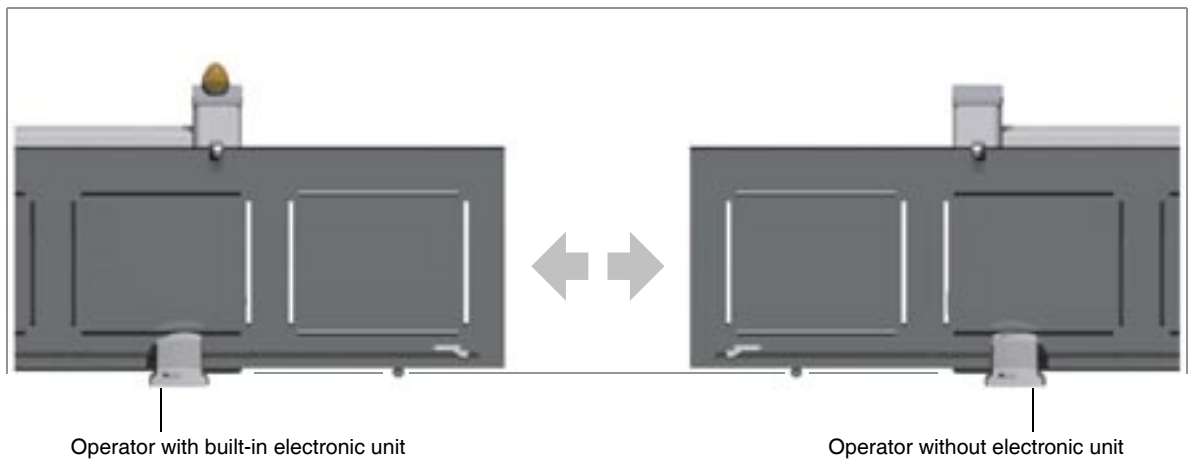
Code	Dynamos 500	Dynamos 24/350	Dynamos 24/600	Stylo 4	Idea Plus	Viky 11	Tab	Gate max weight
Dy Kit 230/500	●			● (2)	●	●	●	500 Kg
Dy Kit 230/500 LT	●			● (1)		●		500 Kg
Dy Kit 24/350		●		● (2)	●	●	●	350 Kg
Dy Kit 24/350 LT		●		● (1)		●		350 Kg
Dy Kit 24/600			●	● (2)	●	●	●	600 Kg
Dy Kit 24/600 LT			●	● (1)		●		600 Kg

Code	New NOVO Kit	Dynamos 24/350	Dynamos 24/600	Stylo 4	Novo LT 24 Plus	Novo Ph 180	Tab	Gate max weight
Dy Kit 24/350 NV		●		● (2)	●	●	●	350 Kg
Dy Kit 24/600 NV			●	● (2)	●	●	●	600 Kg

Dynamos.Twin









Dynamos Twin is the kit solution for sliding gate installation with double wings. Two operators, one with control unit for a perfect synchronization of the motors and accessories.
Available in two 230 Vac versions for gate up to 500Kg and 1000 Kg.

Dynamos.Twin



Code	Dynamos 500 with control unit Star D2230 MS	Dynamos 500 without electronics	Dynamos 1000 with control unit Star D2230 MS	Dynamos 1000 without electronics	Gate max weight
Dy Twin 500	●	●			500 Kg
Dy Twin 1000			●	●	1000 Kg

ACCESSORIES:

CRIS 100	CRIS 200	CRIS 400	PDY 100	Bat M 016
				
Nylon rack with metal inserts. 28x20x1000	Rack in galvanized steel with screws and spacers. 30x12x1000	Rack in galvanized steel. 22x22x1000	Foundation plate for ground level mounting	Batteries 24V 1,6 Ah for Star D 124
Bat K2	Star D	MEMO MW 200		
				
Battery charge card for Bat M016	Spare part control units	Master Way memory card for Star D124 produced since June 2011.		