

# Moby5000



## For swing gates with leaves up to 5m.

Electromechanical gear motor surface mounted, also in 24Vdc version with magnetic encoder.

**Reliability and noiseless operation:** fewer components and patented layout of the internal components.

**Easy installation and maintenance** with the waterproof, quick connector and incorporated condenser.

**Quick, easy** adjustment of the limit switches.

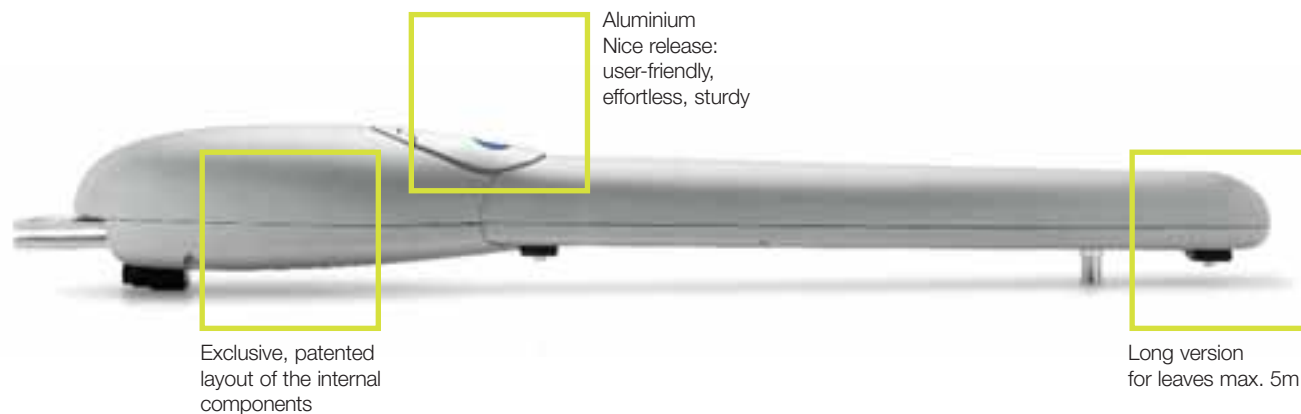
**Bronze volute** to guarantee safe closing.

### Recommended control units:

Mindy A3, A3F, A6, A6F, A60, A700F; for MB5024 Mindy A824

**24Vdc** version with magnetic encoder, perfect for intensive use

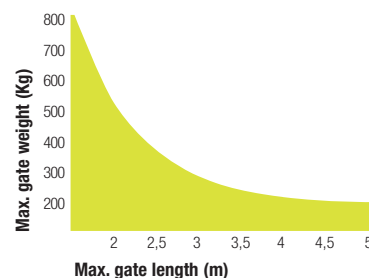
- easy programming by pressing a single button;
- clutch with anti-crush safety feature
- automatic memorization of limit switches in opening and closing with self-learning function
- pause time programming; partial opening; slowdown during opening and closing
- the system will operate during a blackout by means of rechargeable batteries



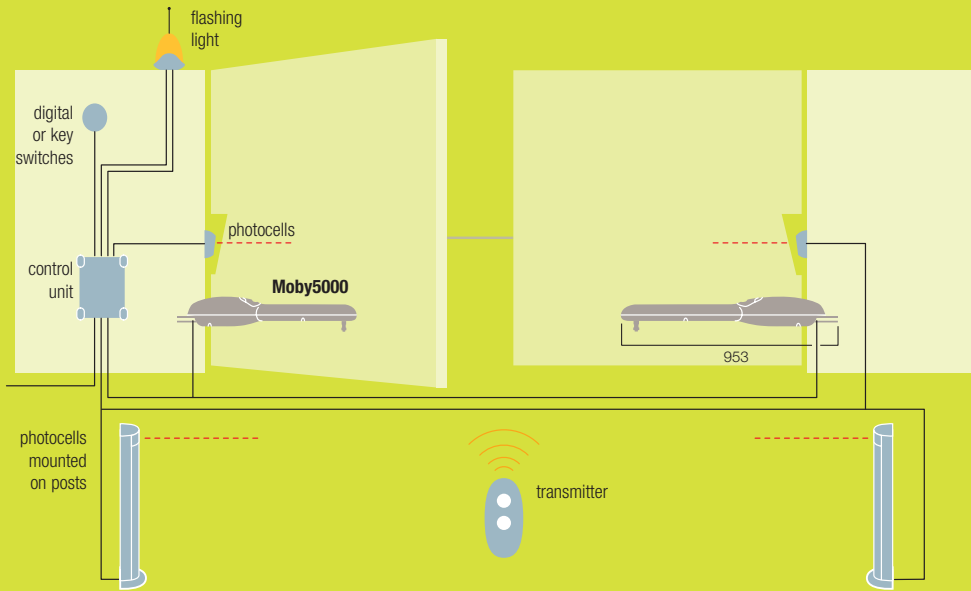
Code	Description	Pack/pallet
<b>MB5024</b>	irreversible, 24Vdc, with magnetic encoder, mechanical stop in opening	20
<b>MB5015</b>	irreversible, 230Vac, slow, with limit switch in opening	20
<b>MB5016</b>	irreversible, 230Vac, slow, with limit switch in opening and closing	20
<b>MB5615</b>	reversible, 230Vac, slow, with limit switch in opening	20

Technical specifications		MB5024	MB5015	MB5016	MB5615
Power	(Vac 50Hz)	-	230		
	(Vdc)	24	-		
Current absorbed	(line) (A)	5	1.1		1.3
Power absorbed	(W)	120	230		300
Incorporated capacitor	(µF)	-	7		
Protection level	(IP)	44			
Speed	(m/s)	0.016	0.013		0.016
Travel	(mm)	470		430	470
Max thrust	(N)	2000			
Working temp.	(°C Min/Max)	-20 ÷ +50			
Thermal cut-out	(°C)	-	140		
Work cycle	(%)	80	30		
Dimensions	(mm)	953x110x110			
Weight	(Kg)	7			

### Utilisation limits



The shape, the height of the gate and the weather conditions can considerably reduce the values shown in the graph to the side. Use in windy areas 230Vac models.



Approximate draft

**Accessories**



**PLA6**  
rear bracket  
250mm long  
Pc./pack 1



**PLA8**  
screw-adjustable front bracket  
Pc./pack 1



**PLA10**  
vertical 12V electric lock  
(required for gates longer than 3m)  
Pc./pack 1



**PLA11**  
horizontal 12V electric lock  
(required for gates longer than 3m)  
Pc./pack 1



**PLA13**  
mechanical travel stops  
for closing and opening manoeuvres  
Pc./pack 4



**TS**  
signboard  
Pc./pack 1

Nice recommends customers order products in pallets in order to facilitate storage and delivery, and ensure packs are uniform. The number of packs per single pallet has been specified for this reason.