

DEA[®]



SWING

LIVI 500

Articulated arm automation for swing gates





Electromechanical operator for swing gates

LIVI 502

ADAPTABLE TO ALL

LIVI 502 is the ideal solution **for any type** of **swing gates**, even with large posts, where the installation of other types of operators is impossible or impractical. The installation is **easy and fast** and does not require any modification to the gate structure.



For leafs up to 3 m

LIVI 502: operator 230V ac, self-locking.
LIVI 503: operator 230V ac with limit switches, self-locking.

For longer leafs*

LIVI 502R: operator 230V ac not self-locking.
LIVI 503R: operator 230V ac with limit switches, not self-locking.
 *Always use with electric lock.

For solutions in low voltage*

LIVI 502/24: operator 24V dc, self-locking.
LIVI 503/24: operator 24V dc with limit-switches, self-locking.

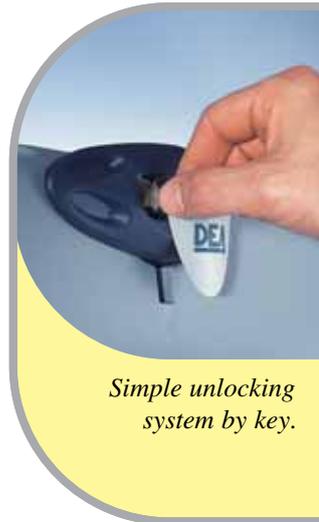
**the automation in 24V dc enables programmable limit switches and the final slow-down in opening and closing; moreover a battery backup system enables the operation in case of power failure. The boards can be easily programmed through digital display and 3 buttons.*

All models in 230V ac are also available in slow version (add L to code).

The DEA System control boards are planned to optimize the performances of Livi 500 range. It is suggested to use control boards with electronic force adjustment: 202E/3 and 212E (230V ac) or 224RR (24V dc).

The models

- Product in conformity with European standards.
- Electromechanical automation, 230V ac and 24V dc.
- Suitable for leafs up to 3,5 m long.
- Suitable with large posts.
- Easy to install, no welding required.
- Single model for left or right side mounting.
- Simple and safe unlocking system by key.
- Grease soaked gear motor.
- Quick and silent.
- Articulated aluminium arm.
- Rail arm (optional).



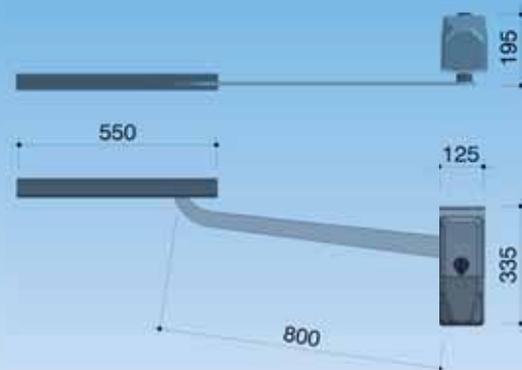
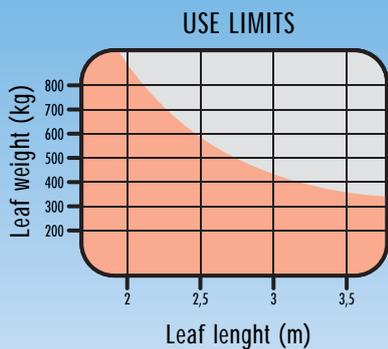
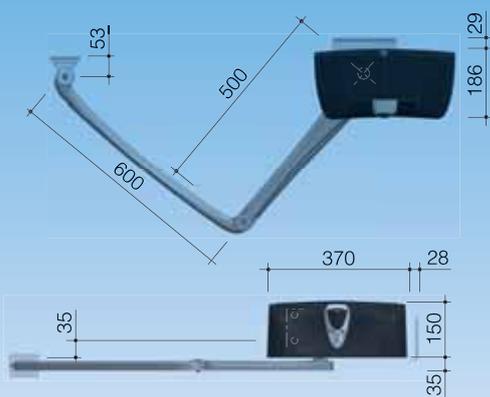
Control boards.



Safety flashing light Lumy with incorporated aerial.



Articulated aluminium arm, sturdy and with no scissor movement.



RANGE LIVI 500

Technical information

Model	500 - 501 502 - 503	500R - 501R 502R - 503R	500L - 501L 502L - 503L	500/24 - 501/24 502/24 - 503/24
Single-phase power supply voltage (V)	230 AC	230 AC	230 AC	24 DC
Absorber power (W)	300	300	300	80
Built-in capacitor (μ F)	8	8	8	-
Duty Cycle	12s-1s-12s x 10 times 90 min PAUSE	12s-1s-12s x 8 times 90 min PAUSE	12s-1s-12s x 8 times 90 min PAUSE	10s-1s-10s x 10 times 5 min PAUSE
Max torque (Nm)	295	162	260	180
Weight of product (kg)	13,5	13,5	13,5	13,2
Operating temperature range ($^{\circ}$ C)	-20 \div +60	-20 \div +60	-20 \div +60	-20 \div +60
Motor thermal protection ($^{\circ}$ C)	150	150	150	-
Opening time 90 $^{\circ}$ (s)	12	9	18	10
Degree of protection	IP 44	IP 44	IP 44	IP 44



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even with large posts,

where the installation of other types of operators

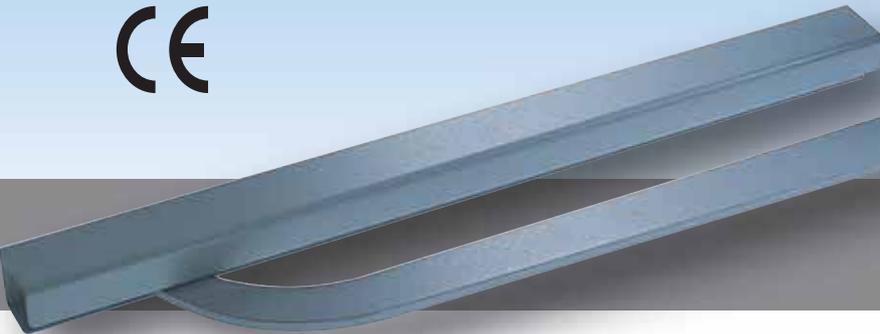
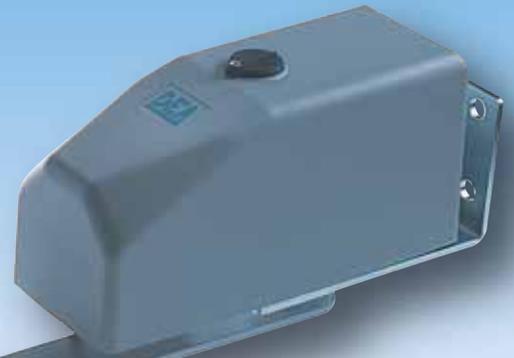
is impossible or impractical.

The rail arm allows its use in cases where the **space**

on sides of the gate **is small**

The installation is **easy and fast** and does not require any

modification to the gate structure.



- Product in conformity with European standards.
- Electromechanical automation, 230V ac and 24V dc.
- Suitable for leafs up to 3,5 m long.
- Suitable with large posts.
- Easy to install.
- Internal unlocking system.
- Grease soaked gear motor.
- Quick and silent.
- Articulated aluminium arm.
- Rail arm (optional).

For leafs up to 3 m

LIVI 500: operator 230V ac, self-locking.

LIVI 501: operator 230V ac with limit switches, self-locking.

For longer leafs *

LIVI 500R: operator 230V ac, not self-locking.

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For solutions in low voltage*

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The models



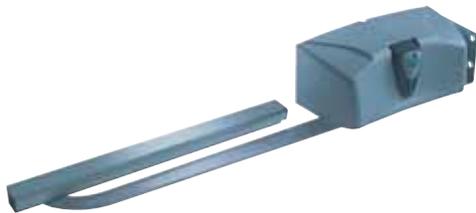
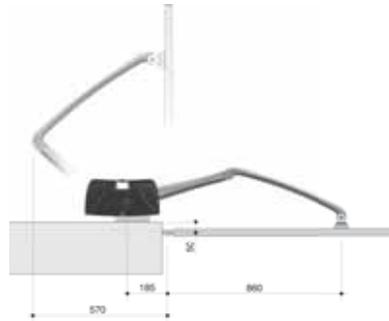
Kit 502/1: Complete automation with DEA original accessories.

Rail arm art.560B. To avoid side obstructions in case of special space requirements.

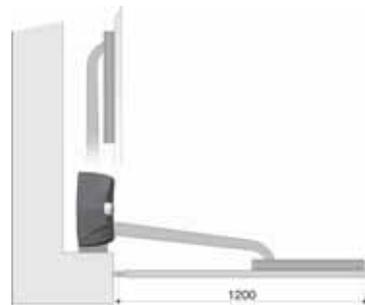
Applications



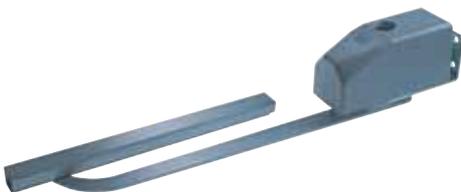
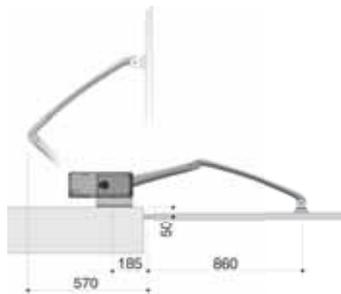
LIVI 502 with articulated arm



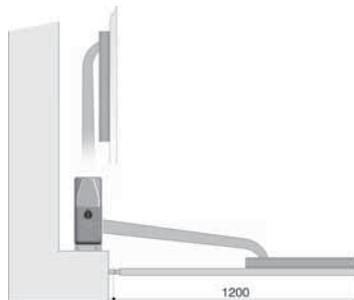
LIVI 502 with rail arm



LIVI 500 with articulated arm



LIVI 500 with rail arm



The products

Electromechanical barriers		Sliding gates		Sectional and garage doors		
PASS	STOP	LIVI 400	GULLIVER	LIVI 900	SPAZIO	LIVI 800 C
Swing gates					Roller shutter	
LIVI 500	ANGOLO	GHOST 200	OLI 600	WING 302	LOOK	WILL

The accessories



Digikey:
Safe and reliable,
available wireless
and hard-wired.



Radio devices:
frequency 433,92 Mhz,
available Dip-Switch
or Self-Learning type.



Flashing light
with built-in
433,92 Mhz
aerial.



Control boards:
230V a.c. e 24V d.c.,
exact and simple
programming.



Safety beams:
reliable and easy
to install.



Programming keyboard for
transponder and wireless
transmission systems; it allows
you to personalize installations
with fitter/installation codes.

DEALER STAMP



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