

Made in Italy  
PRODUCT



DEA<sup>®</sup>



SWING

# LIVI 500

Articulated arm automation for swing gates



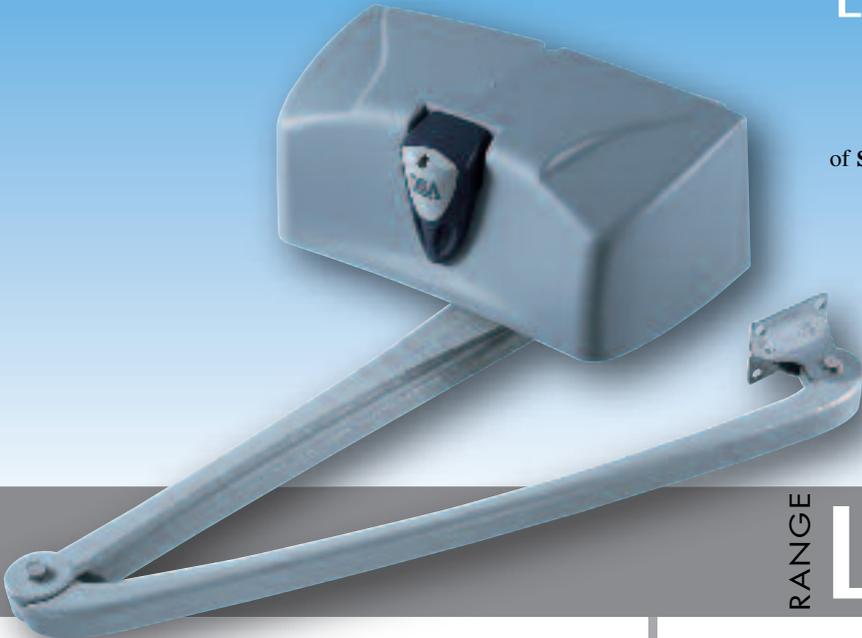


## Electromechanical operator for swing gates

# LIVI 500/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.



# RANGE LIVI 500/

### For leaves up to 3 m

**LIVI 502:** operator 230V ac, self-locking.

**LIVI 502L:** operator 230V ac, self-locking, slow version, without arm.

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

**LIVI 503L:** operator 230V ac with limit switches, self-locking, slow version, with built-in limit switches in open and closed position, without arm.

**LIVI 502EN:** operator 230V ac without arm with encoder.

### For longer leaves\*

**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).*

*All models are available with carter art. 500.*

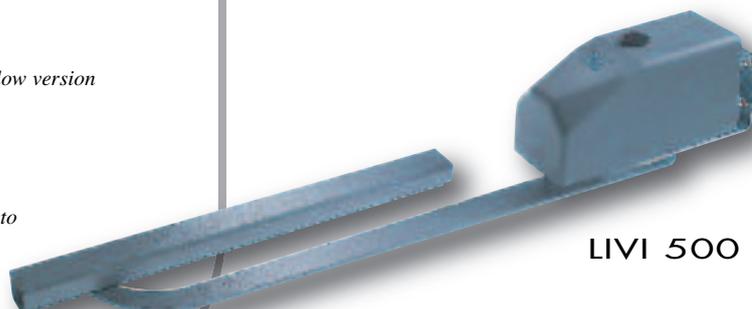
*The DEA System control boards are planned to optimize the performances of Livi 500 range. It is suggested to use control boards with electronic force adjustment: 202RR/C and 212E (230V ac) or 224RR (24V dc).*

- Product in conformity with European standards.
- Electromechanical automation, 230V ac and 24V dc.
- Suitable for leaves 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).



*Simple unlocking system by key.*

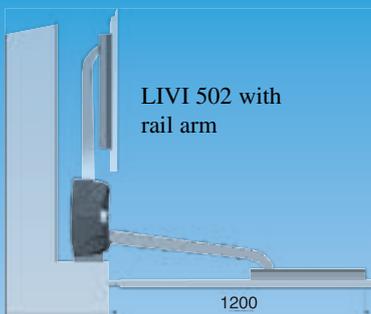
## The models



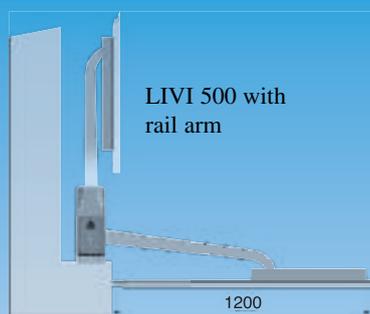
**LIVI 500**



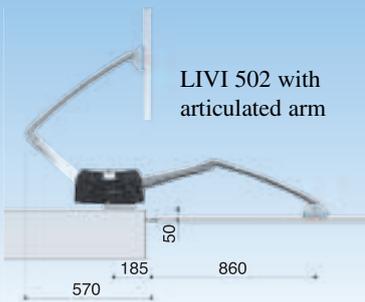
*Articulated aluminium arm, art. 560A, sturdy and with no scissor movement.*



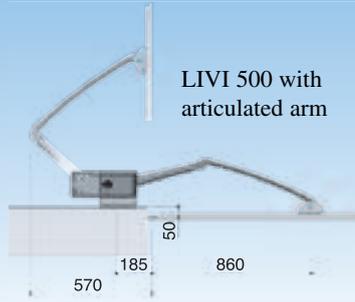
LIVI 502 with rail arm



LIVI 500 with rail arm



LIVI 502 with articulated arm



LIVI 500 with articulated arm

## KIT



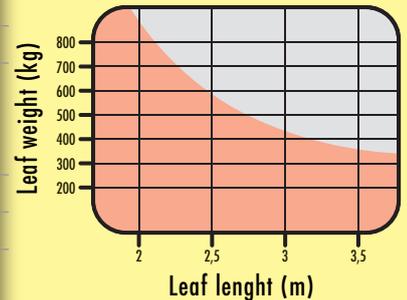
**Kit 502:** Complete automation with DEA original accessories.

# LIVI 502

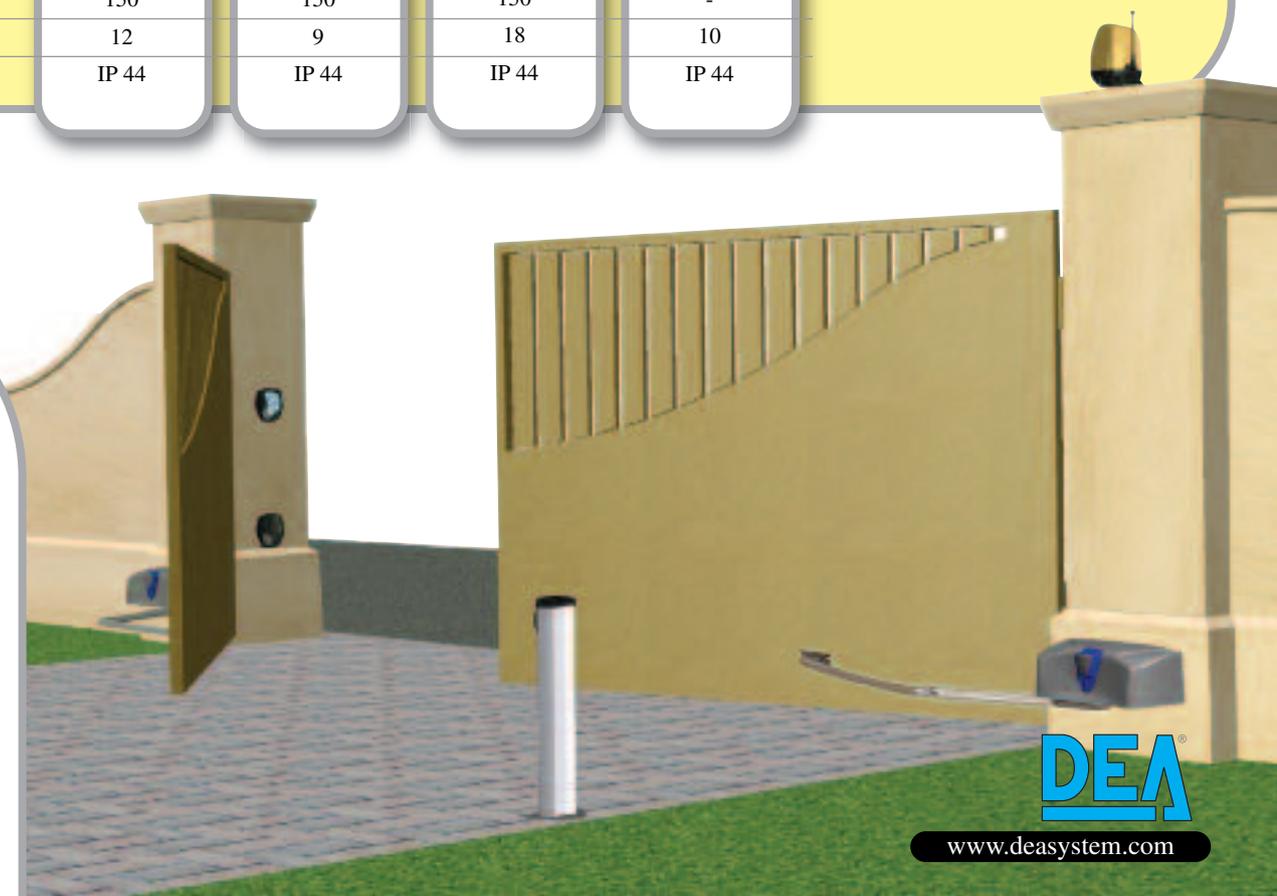
### Technical information

Model	500 - 501 502 - 503 - 502EN	500R - 501R 502R - 503R	500L - 501L 502L - 503L	500/24 - 501/24 502/24 - 503/24
Single-phase power supply voltage (V)	230 a.c.	230 a.c.	230 a.c.	24 d.c.
Absorber power (W)	300	300	300	80
Built-in capacitor (µF)	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 (°C)	-20 ÷ +60	-20 ÷ +60	-20 ÷ +60	-20 ÷ +60
Motor thermal protection (°C)	150	150	150	-
Opening time 90°(s)	12	9	18	10
Degree of protection	IP 44	IP 44	IP 44	IP 44

### USE LIMITS



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



Sectional and garage doors

LIVI 902



SPAZIO



LIVI 800 C



LATO



LIVI 550PL



Swing gates

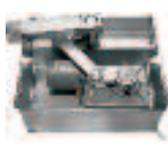
LIVI 500



ANGOLO



GHOST 200



OLI 600



WING 302



LOOK



Sliding gates

LIVI



GULLIVER



Electromechanical barriers

PASS



STOP



Roller shutter

WILL



the products

the accessories



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



**Safety beams:**  
reliable and easy  
to install.



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



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



**Radio Devices:**  
Frequency 433,92 Mhz  
Rolling Code  
or cloneable



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



**DEA SYSTEM S.p.A.**  
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DEALER STAMP



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Certificate n. 50 100 5350