

Life  
made  
easy

## LIMIT 500

ELECTROMECHANICAL BARRIER  
FOR RESIDENTIAL, INDUSTRIAL  
OR PUBLIC USE



# LIMIT 500

up to 5m beam

Possibility to install a LED signal light on board

Robust ambidextrous beam support in die-cast aluminium



Possibility to install, along the beam length, beam strip LED for crossing-light version or with white light

Manual key and fold-away emergency release lever

Robust steel frame with protective treatment

Micro-switch and mechanical stop adjustment by one screw


Easily accessible built-in control board for appropriate programming

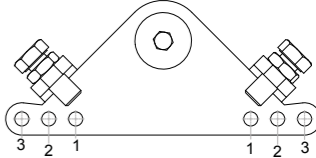
Spherical self-lubricating eyelet-fixed spring for smoother, wear reducing movement

A single spring is provided which, depending on the length of the beam, is fixed to one of the holes in the spring tensioning arm

Also available in grey RAL 7011 version

Depending on the length of the beam and relative accessories, the AC-541 spring must be fixed to one of the holes of the spring-tightening arm according to the table and diagram below.

SPRING AC-541	SPRING POSITIONING AC-541				SPRING-TIGHTENING ARM
	ROD LENGTH	2 m	3 m	4 m	5 m
	BEAM	1	1/2 *	1/2/3 *	2/3 *
	BEAM WITH PROTECTIVE RUBBER AND LED STRIP LED	1	1/2 *	2/3 *	3
	BEAM WITH PROTECTIVE RUBBER, STRIP LED AND MOBILE SUPPORT	1	1/2 *	3	3
	BEAM WITH PROTECTIVE RUBBER, STRIP LED AND ALUMINUM SKIRT	-	2	3	-
	BEAM WITH PROTECTIVE RUBBER, STRIP LED AND ALUMINUM SKIRT AND MOBILE SUPPORT	-	3	3	-



\* The SPRING can be fixed in the indicated holes with adequate adjustment for a correct balance of the rod. With the barrier unlocked, the rod must remain in balance at 45°

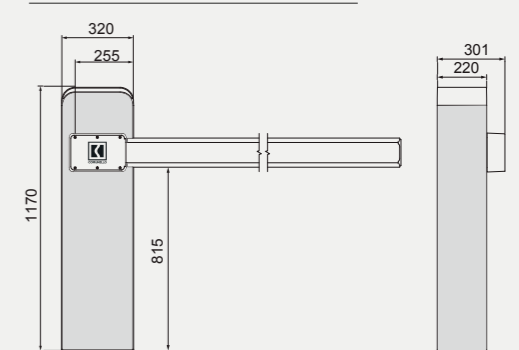


Every single product is duly tested at the end of each assembly line

### TECHNICAL FEATURES

	LIMIT 500 24V
Power supply	230 VAC
Motor power supply	24 VDC
Power consumption	150 W
Current input	6,2 A
Torque	300 Nm
Duty cycle	Intensive use
Protection rating (IP)	IP44
Insulation class	2
Working temperature	-20°C / +50°C

### DIMENSIONS (mm)



For beams up to 5 m in length



For beams up to 10 m in length (5+5m)





OFFICIAL DEALER:

 **COMUNELLO**  
**AUTOMATION**

AUTOMATION FOR GATES, DOORS AND BARRIERS

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# LIMIT 500 KIT System



## Complete kits with 24 Vdc barrier, up to 5 m beam

<b>Kit Limit 500 - 4 m</b>	GKLTX40ELOR901	59 kg	9
<b>Kit Limit 500 - 5 m</b>	GKLTX50ELOR901	59 kg	9

<b>LT500-24V</b> 1 Limit 500 24V	<b>AC-640 / AC-650</b> Aluminium rectangular beam L = 4 m / 5 m	<b>AC-660</b> Reflective adhesive strips Comunello (pack of 30 pieces)	<b>AC-700</b> Rear covers for rectangular beam with protective rubber	<b>AC-710</b> Front cap for rectangular beam with protective rubber	<b>AC-500</b> Foundation kit
	<b>AC-541</b> Unified spring for barrels Border/Limit	<b>AC-800</b> LED strips for beams L = 5 m	<b>AC-771</b> Internal Led lights	<b>AC-681 / AC-682</b> Red protective profile for Limit beam (upper and bottom), L = 4 m / L = 5 m	

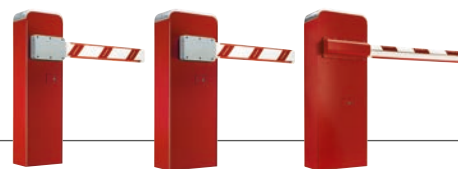
KIT Versions available also with splitted beams (2m + 2m / 3m + 2m and AC-775 Rectangular Beam Joint)

## Complete 24 Vdc barrier kit with 5 m boom with traffic light function
















<b>Kit Limit 500 - 4 m - Traffic light</b>	GKLTX40ELOR907	60 kg	9
<b>Kit Limit 500 - 5 m - Traffic light</b>	GKLTX50ELOR907	60 kg	9

<b>LT500-24V</b> 1 Limit 500 24V	<b>AC-640 / AC-650</b> Aluminium rectangular beam L = 4 m / 5 m	<b>AC-660</b> Reflective adhesive strips Comunello (pack of 30 pieces)	<b>AC-700</b> Rear covers for rectangular beam with protective rubber	<b>AC-710</b> Front cap for rectangular beam with protective rubber	<b>AC-500</b> Foundation kit
	<b>AC-541</b> Light spring for barriers Border/Limit	<b>AC-778</b> LED strips RGB, L = 8 m	<b>AC-771</b> Internal Led lights	<b>AC-681T / AC-682T</b> Transparent gum cover (upper and bottom), L = 4 m / L = 5 m	<b>TRAFFIC ADAPTER</b> Traffic light adapter
	<b>TRAFFIC LIGHT</b>				

KIT Versions available also with splitted beams (2m + 2m / 3m + 2m and AC-775 Rectangular Beam Joint)














# LIMIT Accessories

				Compatible with				
				Limit 500	Limit 600	Limit 800		
	<b>AC-30</b>	Outdoor antenna (cable L = 3m) 433.92 MHz	GANTENNANOG00	•	•	•	1	0,2 kg
	<b>AC-240</b>	Inductive sensor	GINDUCTONOG00	•	•	•	1	0,28 kg
	<b>AC-500</b>	Foundation Kit Border 400/ Limit 500	GLTANCHOROG00	•			1	1,8 Kg
	<b>AC-510</b>	Foundation Kit Limit 600/800	GLTANCHO80G00		•	•	1	2,2 kg
	<b>AC-541</b>	Unified spring for light bar Border/Limit	GLTSPRINGUG00	•	•	•	1	3,8 kg
	<b>AC-550</b>	Doble spring for Limit 800	GLTSPRINGTG00			•	1	7,1 kg
	<b>AC-560R</b>	Arm nesting post for barriers	GLTFIX0000R00	•	•	•	1	4,6 kg
	<b>AC-570</b>	Swing down support for beam	GLTSUPPORTG00	•	•	•	1	1,05 kg
	<b>AC-580</b>	90° jointed rod for barrier	GLTANG9000G00	•	•		1	6,7 kg
	<b>AC-590</b>	Aluminium curtain for barrier, L = 2 m	GLTHEDGE02W00	•	•	•	1	1,7 kg
	<b>AC-630</b>	Aluminium rectangular beam L = 3 m	GLTBAR3001W00	•	•		1	3,5 kg
	<b>AC-640</b>	Aluminium rectangular beam L = 4 m	GLTBAR4001W00	•	•		1	4,7 kg
	<b>AC-650</b>	Aluminium rectangular beam L = 5 m	GLTBAR5001W00	•	•		1	5,90 kg
	<b>AC-655</b>	Aluminium rectangular beam L = 6 m	GLTBAR6001W00	•	•		1	7,00 kg
	<b>AC-731</b>	Aluminium round barrier L = 3 m	GLTBAR8300W00			•	1	3,70 kg
	<b>AC-741</b>	Aluminium round barrier L = 4 m	GLTBAR8400W00			•	1	5,20 kg
	<b>AC-751</b>	Aluminium round barrier L = 5 m	GLTBAR8500W00			•	1	6,50 kg
	<b>AC-765</b>	Round beam joint	GLTJOINTT1G00			•	1	1,10 kg
	<b>AC-775</b>	Rectangular beam joint	GLTJOINTROG00	•	•		1	1,10 kg
	<b>AC-660</b>	Reflective adhesive strips Comunello (pack of 30 pieces)	GLTSTRIP00W00	•	•		1	0,10 kg
	<b>AC-661</b>	Reflective adhesive strips Comunello (pack of 30 pieces) for LIMIT 800	GLTSTRIP01W00			•	1	0,10 kg



# LIMIT Accessories

				Compatible with				
				Limit 500	Limit 600	Limit 800		
	<b>AC-670</b>	Red gum cover (upper and bottom), L= 3 m	GLTTOPP301R00	•	•		1	0,62 kg
	<b>AC-681</b>	Red gum cover (upper and bottom), L= 4 m	GLTTOPP401R00	•	•		1	0,85 kg
	<b>AC-682</b>	Red gum cover (upper and bottom), L= 5 m	GLTTOPP501R00	•	•		1	1,60 kg
	<b>AC-683</b>	Red gum cover (upper and bottom), L= 6 m	GLTTOPP601R00	•	•		1	1,71 kg
	<b>AC-684</b>	Red gum cover (bottom), L= 8 m	GLTTOPP801R00			•	1	0,85 kg
	<b>AC-670T</b>	Transparent gum cover (upper and bottom), L= 3 m	GLTTOPP301T00	•	•		1	0,62 kg
	<b>AC-681T</b>	Transparent gum cover (upper and bottom), L= 4 m	GLTTOPP401T00	•	•		1	0,85 kg
	<b>AC-682T</b>	Transparent gum cover (upper and bottom), L= 5 m	GLTTOPP501T00	•	•		1	1,60 kg
	<b>AC-683T</b>	Transparent gum cover (upper and bottom), L= 6 m	GLTTOPP601T00	•	•		1	1,71 kg
	<b>AC-700</b>	Rectangular beam end plug with protection outline	GLTSTOPPERW00	•	•		1	0,01 kg
	<b>AC-710</b>	End plug for rectangular beam with protection gum cover	GBRPLUG011W00	•	•		1	0,06 kg
	<b>AC-715</b>	End plug for rectangular beam without protection gum cover	GLTPLUG021W00	•	•		1	0,03 kg
	<b>AC-713</b>	End plug for round Beam with protection gum cover	GLTPLUG041W00			•	1	0,05 kg
	<b>AC-771</b>	Internal superior LED lights	GLTSWIFTN1G00	•	•	•	1	0,2 kg
	<b>AC-800</b>	Luminous LED strips for beam, L= 5 m	GLTLED5000W00	•	•	•	1	0,4 kg
	<b>AC-778</b>	Luminous RGB LED strips for beam, L= 8 m	GLTLED80T0W00	•	•	•	1	1,10 kg
	<b>TRAFFIC ADAPTER</b>	Traffic light adapter	GTRAFADAPOG00	•	•	•	1	0,2 kg