STING

Electromechanical automation for swing gates up to 3m - 400 kg

For residential and collective usage

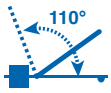
Available in 230V and 24V

#fastasyoulike!
STING/BOOST
gate opening at 90° in 9''



DEA
move as you like

STING



Door opening up to 110°.

Robust and reliable operator, in an enclosed body



Quick unlocking with customised metal key



Get rid of ground stops by using the mechanical stops (optional)

New colour

Reversible version art. STING/24/R



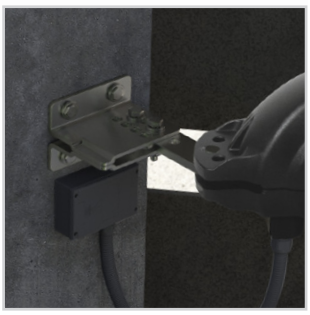
No risk of the gate operation stopping in a power outage thanks to the backup batteries (optional, art. BAT, code 629290) that can be installed on 24V models

NETLINK
easy Installation, smart management

The DE@NET external universal control board makes this operator compatible with NETLINK System.



Compatible with NETCOM, the device for installation, maintenance and remote management, from your office!



Greater installation versatility thanks to the adjustable fixing plates excluded (art. MLS/SFR)

STING	Opening time about 90 °	**16"**
STING/BOOST		**9"**
STING/24/R		**12”**

Note: the opening time may increase depending on the characteristics of the installation

Fast maneuvering with STING/BOOST: the 24V model of the STING range with a minimum opening time of 90° in 9 seconds. Available in kit.

Models

230V ~ operators without control board

NETLINK

	COD.	Art.		STROKE		OTHER CHARACTERISTICS
	625050	**STING**	●	395mm without MAC/FM 334mm with MAC/FM		• For leafs up to 3m length
	625052	**STING/EN**	●	395mm without MAC/FM 334mm with MAC/FM	✓	• With encoder, for leafs up to 3m
NEW	*625058*	**STING/EN-BLACK**	●	395mm without MAC/FM 334mm with MAC/FM		• For leafs up to 3m length

All models have: adjustable fixing plates to be screwed included (art. MLS/SFR)
Control board to complete the installation: control board cod. 677610 art. NET230N/C (with box)

24V ⎓ operators without control board

NETLINK

	COD.	Art.		STROKE	OTHER CHARACTERISTICS
	625051	**STING/24**	●●	395mm without MAC/FM 334mm with MAC/FM	• For leafs up to 3m length
NEW	*625059*	**STING/24-BLACK**	●●	395mm without MAC/FM 334mm with MAC/FM	• For leafs up to 3m length
	625056	**STING/24-BOOST** *(37 mm/s)*	●●	395mm without MAC/FM 334mm with MAC/FM	• For leafs up to 3m length
NEW	*625060*	**STING/24/R ***	●●●	395mm without MAC/FM 334mm with MAC/FM	• For leafs up to 3,5m length / 300kg • **Reversible**

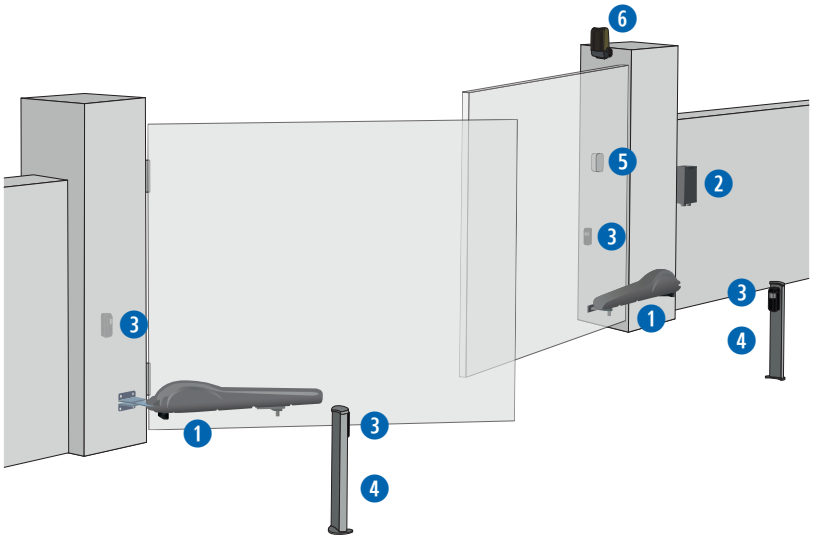
All models have: adjustable fixing plates to be screwed included (art. MLS/SFR)
Control board to complete the installation: control board cod. 678261 art. NET24N/C (with box)
***Supplied with**: adjustable brackets, 1pc Omron socket and 1pc monostable relay

Technical info

TECHNICAL INFO	STING	STING/EN	STING/24	STING/24-BOOST	STING/24/R
Motor power supply (V)	230V ~ ± 10 % (50/60 Hz)		24V ⎓		24V ⎓
Maximum power absorption (W)	300		60	85	60
Max thrust (N)	1650		1000	1000	1000
Time with total stroke (s)	21		22	9	34
90° Opening time (s)*	16			9	11,6
Duty cycle (cycles/hours)	18	22	40		
N. max cycles in 24h.	90				300
Built-in capacitor (µF)	8		/		/
Operating temperature (°C)	(-20°) - (50°)				
Motor thermal protection (°C)	150		/		/
Weight with packing (Kg)	8,8				
Sound pressure (dBA)	< 70				
Protection rating	IPX4				

*the opening time of the leaf at 90° may be different according to the characteristics of the installation

Example of a typical installation

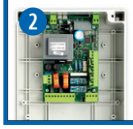


KIT



COD. 625050
Art. STING
Electromechanical automation for swing gates

KIT



COD. 677610
Art. NET230N/C
Universal digital control board for 1 or 2 operators, 230V with or without magnetic encoder (with box)

KIT



COD. 662080
Art. LINEAR/XS
Pair of mini synchronizable photocell for outdoor installation. Maximum range 20m



COD. 664000
Art. PILLY/60
Pair of 55cm column for photocells (2 pcs)



COD. 629300
Art. MAC/FM
Mechanical stops for MAC/ STING (2 pcs) - for 1 operator



COD. 663090
Art. GT-KEY
Metal vandal proof keyswitch with two contacts, surface mounted. Supplied with 2 keys.

KIT



COD. 661130
Art. AURA N
LED flashing light, multi-voltage 24V AC-DC/120V AC/230V AC, with integrated antenna 433MHz/868MHz

KIT



COD. 672645
Art. GTI4
Serialized white 4-channel remote control, 433 MHz, with 3 coding options: HCS Rolling-Code, Dip-Switch and new D.A.R.T. coding.



COD. 668010
Art. 127
Warning sign

KIT **for further details on the kits see price list**

Specific accessories



COD. 629300
Art. MAC/FM
Mechanical stops for MAC/ STING (2 pcs) - for 1 operator



COD. 629320
Art. MAC-LOOK/P
Extension for MAC/STING and LOOK rams



COD. 629312
Art. MLS/SFR
Adjustable fixing plates to be screwed



COD. 629250
Art. COL 515
Anti-fall stainless steel cable with 2 holes for swing gates

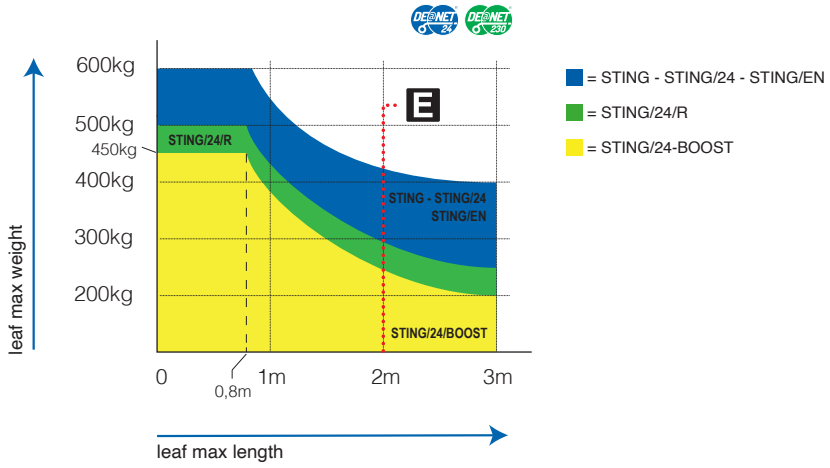


COD. 629381
Art. SB
Back overhead door fixing plate for LOOK, MAC, STING



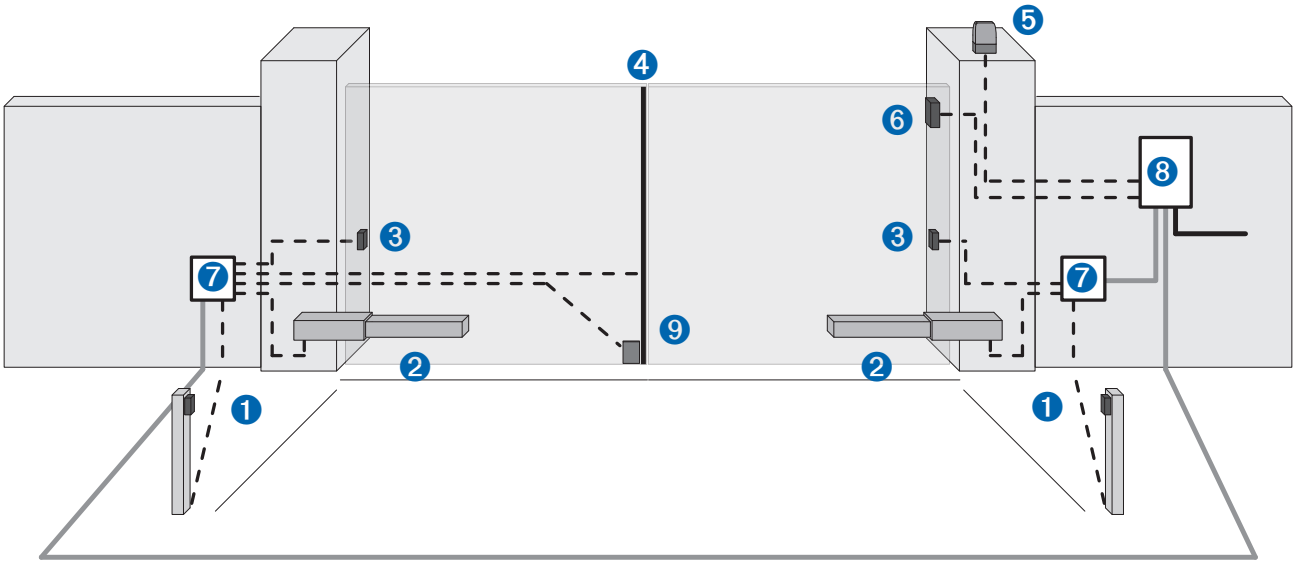
COD. 629290
Art. BAT
Rechargeable batteries kit for 24V operators, 12V - 1,2Ah, complete with wiring cables and fixing plate

Guide to use



If the leaf length is bigger than 2m or if you use reversible models you must install the electric-lock to block the gate in closed position. The height and the leaf structure, as well as the presence of strong wind, can cause the reduction of the value of the data contained in table or make it necessary to use an electric lock also for leafs shorter than 2m.

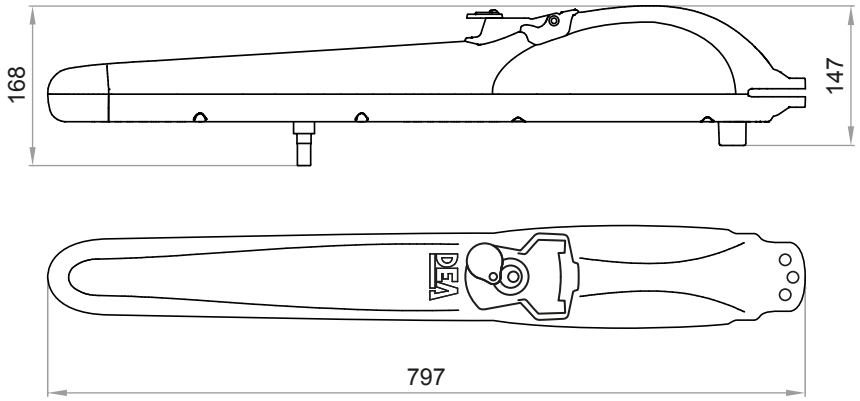
Wiring

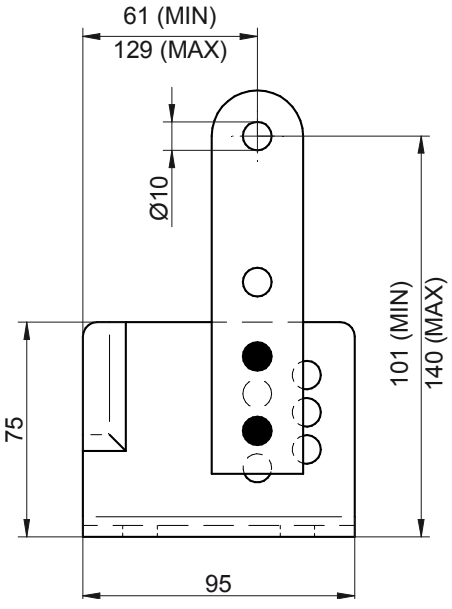


Corrugated pipe for power supply cable
Ø40 corrugated pipe for connection between the control board and the junction box
Ø20 corrugated pipe or external PVC conduit for connection between the control board and the command and safety accessories

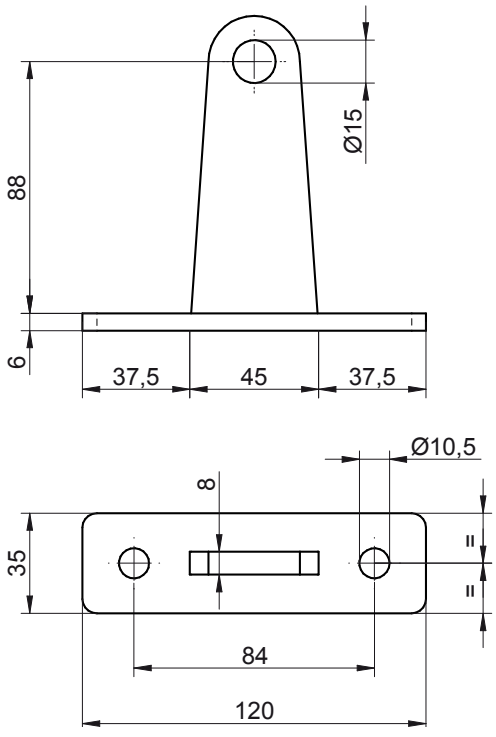
pos.	description
1	Column with photocells
2	Operator
3	Photocells
4	Safety edge
5	Flashing light
6	Key switch/Keypad
7	Junction box
8	Control board
9	Electric-lock

Dimensions



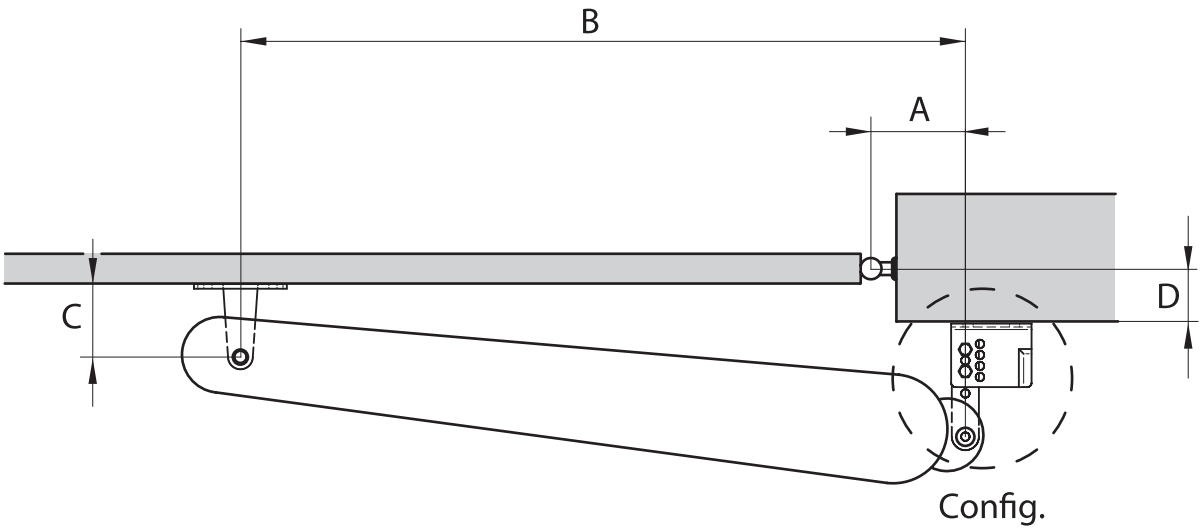


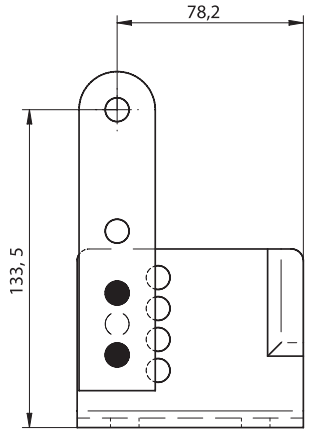
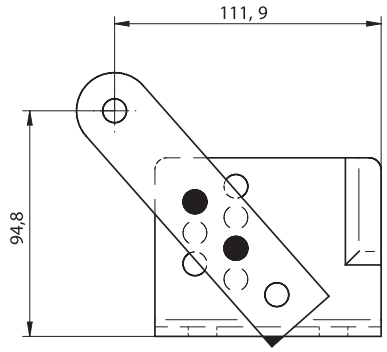
rear



front

Installation dimensions



Art. STING	
Config. 1	Config. 2
	

STING + Art. MAC_FM						
	Config.	A	B	C	D	Note
90°	1	125	685	94	0÷50	* Senza fermi meccanici in apertura (corsa max 367 mm), Without mechanical stops in opening (max stroke 367 mm), Sans arrêts mécaniques en ouverture (course maxi 367 mm), Ohne mechanische Anschläge an Öffnung (max Hub 367 mm), Sin finales de carrera mecánicos en abertura (recorrido max 367 mm), Sem fins de cursos mecânicos no abertura (curso Max. 367mm), Bez ograniczników mechanicznych na otwarcie (max wysuw 367 mm), Без механических упоров на открытие (ход штока макс 367 мм).
	2	125	685	94	50÷75	
	2	140	685	109	75÷100*	
	2	140	685	114	100÷125*	
100°	1	160	690	104	0÷25*	

STING						
	Config.	A	B	C	D	Note
90°	1	125	720	94	0÷50	
	2	125	715	94	50÷100	
	2	150	715	124	100÷125	
100°	1	160	720	104	0÷25	
	1	170	720	109	25÷50	
110°	1	185	720	99	0	
	2	185	720	99	25	

DEAuser

DEAuser is the app for **private users** that allows activation of automation at **close proximity** via Bluetooth.

By installing NET-NODE on all devices with NETLINK technology, you can control your gate through your smartphone.

To be used with:



Art.NET-NODE 2.0
Cod.677642



Google play

Download on the App Store



DEAinstaller

DEAinstaller is the App dedicated to the **professional installer** and allows Installers to program and manage DEA automations on-site in a simple and intuitive way from their smart devices.

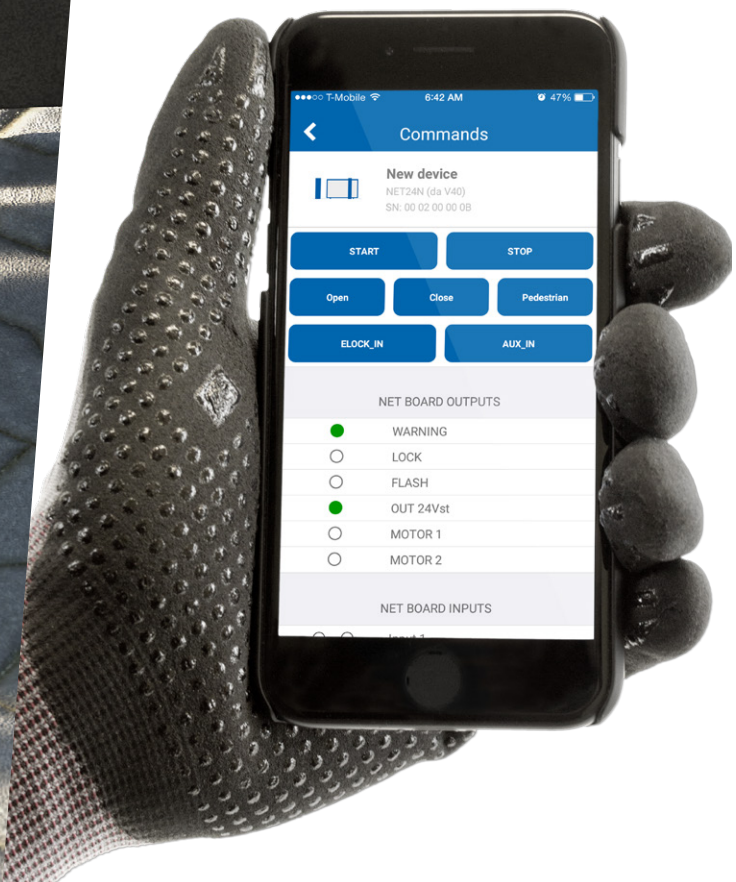
If you use it with the NET-NODE you can:

- ☑ keep a **data backup** of all your installations
- ☑ easily adjust the **parameters** of your control boards
- ☑ update the **firmware**
- ☑ program the **maintenance**
- ☑ manage or customise the **remotes**
- ☑ read **technical manuals** or have a look at the **electrical connections**
- ☑ control the **inputs** and **output** of the control boards
- ☑ **control** the automation with the App

To be used with:



Art.NET-NODE 2.0
Cod.677642



Google play

Download on the App Store

Generic accessories



AURA N
cod. 661130



LINEAR XS
cod. 662080



LINEAR
cod. 662044



COVER/2
cod.681060



LINEAR SHIELD
cod. 662047



PILLY 60 -120
cod. 664000 - 664010



DIGIPRO
cod. 663310



DIGISLIM
cod. 663311



GT-KEY
cod. 663090



DIGIRAD
cod. 663280



BAT
cod. 629290



GTI2-GTI4
cod. 672635 - 672645



GTI2M-GTI4M
cod. 672603 - 672613

#safeasyoulike!

Non-copyable remotes!

GTI remotes are multi-function.
They have three coding possibilities:
DIP SWITCH, Rolling Code and D.A.R.T.
the new DEA advanced coding.

You can customise the code of the remotes to guarantee the maximum security to your customer.

D. DEA
A. Advanced
R. Rolling Code
T. Transmission

Looking for **total safety**?
With **NET-BOX** each installer can customise the code of your GTI remotes.





#colourasyoulike!

Choose your favorite colour!

GTI remotes can be customised with button kits in seven colours: green, light green, blue, pink, yellow, orange and purple.

- GREEN
- LIGHT GREEN
- BLUE
- PINK
- YELLOW
- ORANGE
- PURPLE

Note: button kits are supplied in packs of 5. The remote must be ordered separately.



NETLINK
easy Installation, smart management

NETLINK

is our technology applied to DEA devices for the smart management of your installations, both **locally** and **remotely**.

NET-COM



The device for the managing installations remotely.

DE@NET



One control board for all our motors, available in 230V and 24V versions.

DEA CLOUD

NET-NODE 2.0



The device for managing installations locally.

NET-BOX



The device for managing remotes from your office.

DEA User & DEA Installer



DEAinstaller:
the App for creating and managing each installation directly from your smartphone.

DEAuser:
the App for opening and closing your DEA gate with just one touch, locally.

Our range

Automations for sliding gates

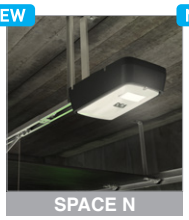

LIVI N


REV

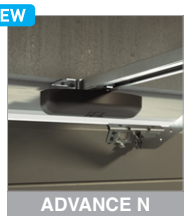

GULLIVER

Automations for sectional doors

NEW


SPACE N

NEW


ADVANCE N

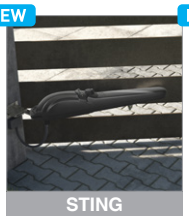

LIVI 902

Automations for swing gates

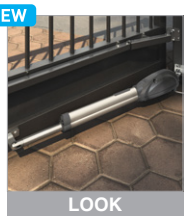
NEW


MAC

NEW


STING

NEW


LOOK


GEKO


LIVI 502


GHOST 100/200


OLI N

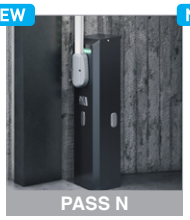
Automations for industrial gates


LATO


550 PL

Barriers

NEW


PASS N

NEW


STOP N


TRAFIK

Bollards


ROCK

DEA
move as you like

HEADQUARTER
DEA SYSTEM S.p.A.
Via della Tecnica, 6 - 36013 Piovene Rocchette (VI) - ITALY
+ 39.0445.55.07.89 - + 39.0445.55.02.65
info@deasystem.com - www.deasystem.com

Branches > Italia.France.United Kingdom.Ireland.España.
Portugal.Polska.Deutschland.Беларусь

> HEAD OFFICE
DEA System UK & IRE
Sandholes Road - Cookstown - Co. Tyrone
BT80 9AR - IRELAND
+ 44 (0)28 8676 6476 - + 44 (0)28 8676 2414
info@deasystem.net

DEA System UK & IRE
Unit 31 - The IO Centre - Hearle Way - Hatfield - Hertfordshire
AL10 9EW - UNITED KINGDOM
+ 44 (0)1707 246 599
contact@deasystem.net