

# Special Perimeter Fair

**PERIMETER  
PROTECTION**



# THE BENINCÀ WORLD

- 1 headquarters
- 7 productive sites
- 12 subsidiaries

The group is able to share the competencies and experiences by planning solutions. In doing so, they enhance the lives of people all around the world with their safety and the movement of things



## • Headquarters productive sites

### Italy

AUTOMATISMI BENINCÀ SpA  
Sandrigo (Vicenza)

RISE Srl  
Velo D'Astico (Vicenza)

HI-MOTIONS Srl  
Sarcedo (Vicenza)

APROMIX RFID Srl  
Bassano del Grappa (Vicenza)

MYONE Srl  
Quarto D'Altino (Venezia)

SEAV Srl  
Osimo (Ancona)

CAB  
Velo D'Astico (Vicenza)

## • European Subsidiaries

**Bulgaria**  
BESIDE Ltd  
Sofia

**Czech Republic**  
BENINCÀ CS s.r.o.  
Praga

**Croatia**  
BENINCÀ AUTOMATIKA D.O.O.  
Rijeka

**England**  
BENINCÀ UK Ltd  
Newbury

**France**  
BENINCÀ FRANCE S.A.R.L.  
Saint Priest

**France**  
BENINCÀ FRANCE  
AGENCE NORD OUVES  
Villebon sur Yvette

**Poland**  
BENINCÀ POLONIA Sp. z o.o.  
Czosnów

**Portugal**  
B2U PORTAS E AUTOMATISMOS  
Venda do Pinheiro

**Spain**  
BENINCÀ NORTE S.L  
Barcellona

## • Extra-European Subsidiaries

**Australia**  
BENINCÀ AUSTRALIA PTY Ltd  
Sidney

**Dominican Republic**  
BENINCÀ DOMINICANA  
Santo Domingo

**India**  
BENINCÀ INDIA  
Bangalore

**USA**  
BENINCÀ USA  
Miami





# BENINCÀ

## A LONG HISTORY OF 45 YEARS

In 1979, Benincà Group was born, with a strong bond between two brothers, and a great desire for being independent for the production of automation devices for gates.

One is a mechanic and the other an electrician, Aldo and Luigi were really young.

Nevertheless, their father had no doubt to let them start a business by using the land of the family.

They demonstrated what they firmly believed, that they could achieve big things together.



**Aldo and Luigi Benincà**  
FOUNDERS



# HI-MOTIONS OPENING SOLUTIONS



HI-MOTIONS became part of the Benincà Group in 2009. Production of gate accessories was promptly combined with experience in the automation industry. The synergy between two different but related fields paved the way for the development of products and solutions designed for professional users.

The range of HI-MOTIONS products can be summarised in: accessories for sliding gates, cantilever sliding gates, industrial doors, swing gates and manual barriers.

All products are made internally, with strict inspections and constant collaboration with the Benincà Research and Development office.

The distinctive concept of “Made in Italy” also becomes a goal to be pursued every day through the service provided and the design of customized products and systems. “Opening solutions” thus summarizes the company’s mission: provide solutions for all types of closures, ensuring reliability, but above all, flexibility.

## SOLUTIONS

Combining the world of automation with gate systems and accessories means offering integrated solutions for entrance management. Just to give you an example, our LM series range of cantilever rollers allows creating a connection between cantilever systems and the world of automation thanks to the expertise of the Group and the synergy of the Research and Development Department.

## PROJECTS

Being specialists means making our expertise available to study products that can be integrated in specific projects anticipating security-related issues. TANK and its NOWAY security gate application embody this expertise. Solutions built with external engineering support and certified by qualified laboratories make HI-MOTIONS an active partner in the design of specific projects.

## ACCESSORIES

The range of accessories for HI-MOTIONS gates is able to accurately respond to the various needs or applications. We offer 5 product lines: accessories for swing gates, sliding gates on track, cantilever sliding gates, industrial doors and manual barriers.



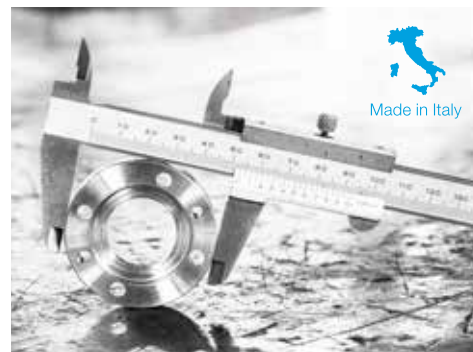
### ATTENTION TO PROFESSIONALS

HI-MOTIONS solutions are designed for professionals, and it is to them that the company offers its services. The tools made available to our customers comprise: video tutorials - essential to get all the information necessary for installation - information brochures and an online configurator which in a few quick steps allows configuring your cantilever system obtaining not only the technical system specifications, but also the list of accessories needed to construct it.



### ADAPTABILITY TO NEW REQUIREMENTS

Our products are designed to adapt to the various solutions available on the market, nevertheless, our research and development department is at the disposal of the customer to translate specific requirements or applications into innovative solutions to be offered. This ability to quickly interpret the market requirements allows our company to become a strategic partner for the professional.



### QUALITY AND DURABILITY OVER TIME

All the accessories are entirely made in Italy with rigorous quality control of all the development phases from design to the selection of the materials to production. Made in Italy is our real mission: to offer a quality standard able to guarantee reliability and durability over time.



Cantilever  
sliding gates



Sliding gates  
on track



Industrial  
doors



Swing  
gates



Manual  
barrier



# HI-MOTIONS

## WHAT'S NEW



ACCESSORIES FOR CANTILEVER SLIDING GATES

### XMA & LA SERIES

new series of aluminium monorails and rollers with "nylon" wheels, for cantilever sliding gates



In order to meet the new market requirements, where there is an increasing interest in aluminium applications, HI-MOTIONS has added two aluminium solutions to its cantilever range, in addition to its range of sizes and steels. **Both the XMA and LA series are available, with 3 m and 6 m profiles and rollers with "nylon" wheels, which are also compatible with the standard XM and L steel versions.** The internal dimensions of these new aluminium guides will be identical to those of the corresponding steel versions, so that those who require very quiet solutions can also use the rollers of these new series in steel applications.

#### XMA SERIES

301.5XMA



301.8XMA



301.9XMA

gate length

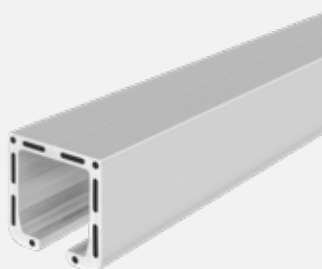
**6 m**

opening

**4 m**

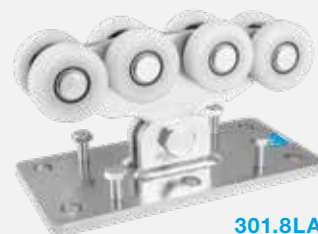
gate weight

**400 kg**

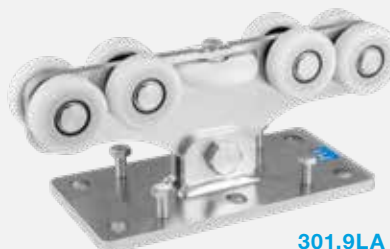


#### LA SERIES

301.5LA



301.8LA



301.9LA

gate length

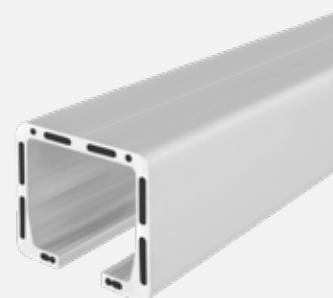
**12 m**

opening

**8 m**

gate weight

**600 kg**







## ACCESSORIES FOR SWING GATES

## 500 SERIES

kit for bifolding swing gates



Whether in residential or industrial settings, the first thing to do is to make sure there's enough space within the manoeuvre area to install a swing gate. **A bifolding swing gate is the ideal choice when there's not enough room for a 1- or 2-leaf swing gate.** HI-MOTIONS has designed a range of accessories for swing gates installed in industrial, commercial and residential settings.

### M SERIES

kit for residential bifolding swing gates

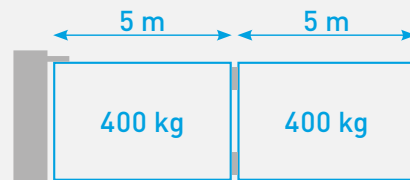
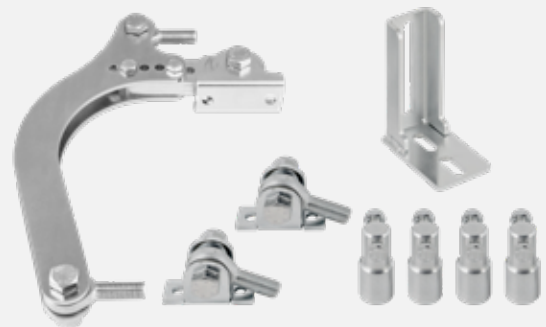


Use limitations may change depending on the hinges and bolt-on bearing hinges used



### XL SERIES

kit for industrial bifolding swing gates



Use limitations may change depending on the hinges and bolt-on bearing hinges used



# HI-MOTIONS OUR RANGE



## ACCESSORIES FOR CANTILEVER SLIDING GATES

### NOWAY & XXL SYSTEM

for cantilever sliding gates up to **4000 kg**



### NOWAY

Cantilevered anti-crash gate

The anti-crash gate NOWAY guarantee a high sense of protection, representing the ideal solution on any of those situations where a high level of security is a must. Places of interests could be: Embassies, military bases or any sites of vital importance such as power plants, aqueducts, etc. **Built using the cantilever gate system TANK, NOWAY is manufactured and engineered with the support of a third party Laboratory and later tested and certified by qualified Laboratory.** NOWAY is supplied entirely by HI-MOTIONS on its design, engineering and manufacturing. It can also be manufactured by a Certified Third Party Manufacturer (a Professional Manufacturer), by following the strict specifications, indications given by HI-MOTIONS or any checks carried by the Company itself.

### XXL SYSTEM

Support roller with 16 wheels



## ACCESSORIES FOR CANTILEVER SLIDING GATES

### CANTILEVER SERIES

for cantilever sliding gates up to **4500 kg**



The line of accessories for cantilever gates is the flagship of the company, a truly TOP range of products that guarantees professional performance in any application or context thanks to:

- 1) **QUALITY OF THE MATERIALS: use of high tensile steels**
- 2) **FEM CERTIFICATIONS**

All this translates into greater reliability as well as optimisation of system construction costs and reduced gate dimensions.

**A great many models are available with 5, 8, 9 and 16 wheels divided into 7 series (S, M, XM, L, LM, XL and XXL) depending on the dimensions and characteristics of the gate or application.**







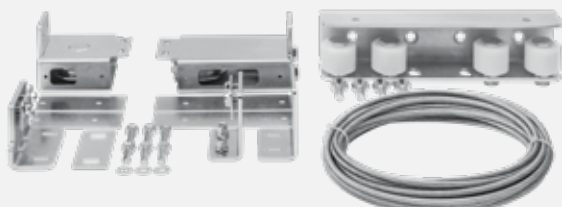
## ACCESSORIES FOR TELESCOPIC SLIDING GATE

### TELESCOPIC SERIES

for telescopic sliding gates up to **1200 kg** (2 wings 600+600 kg)



In situations with **limited manoeuvring space**, the telescopic sliding gate is the ideal solution for closing wide entrances. This solution enables to minimise the space occupied from the gate in the manoeuvring area. In addition, **telescopic gates have the ability to open the gate twice as fast as a conventional sliding gate.**



## ACCESSORIES FOR GATES

### ACCESSORIES

for sliding gates on tracks or swing gates



HI-MOTIONS also provides accessories for all types of gates.





# COLLECTIVE SMART OPERATION, INTENSIVE USE AND ACCESS CONTROL



## AUTOMATIONS FOR SWING GATES

**TOM3024E**for swing gates up to **3 m** per leaf

Irreversible 24 Vdc electromechanical gear motor for intensive use, equipped with encoder. **Reduced overall dimensions (only 96 mm wide) and minimum installation dimensions, even from the ground, which make it adaptable to any context.** The mechanical opening and closing stops are accessed from above, by removing the metal carter. The adjustment is very easy as the stops, sliding on special tracks, can be fixed by screws in the desired position.



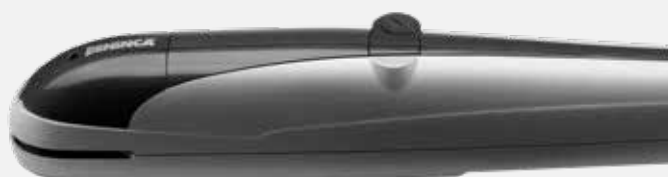
## ROAD BARRIERS

**DIVA.3**up to **3 m** (opening time 80°: 0,8 s, MCBF=5 million cycles)

**24 Vdc brushless barrier** for continuous use with integrated control unit, encoder and battery charger. **Switching power supply.** Electric motor with brushless technology that guarantees highest performance, reliability, fluid movements and a very long lifespan of the operator. This represents the ideal solution in contexts requiring a particularly intensive use. Illumination and light RGB systems on both the cover and the arm designed to guarantee the maximum visibility in all directions.



## AUTOMATIONS FOR SWING GATES

**BOB3024E**for swing gates up to **3 m** per leaf

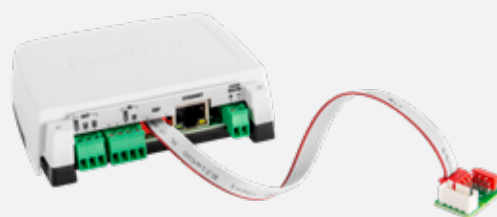
Irreversible 24 Vdc electromechanical geared motor for intensive use, equipped with encoder. **Reliable, and quick to install thanks to its 2 adjustable mechanical stops for opening and closing.** Easy access release from above with personalised key. Gear reduction and release gear in bronze.



## ELECTRONIC COMMAND &amp; CONTROL

**PRO.UP**

remote programming and diagnostics interface



Remote programming and diagnostics interface. **Serial or wired connection for remote command and control functions pro. UP can also be used as a simple control unit programming tool.** Using the BeUP app and thanks to the point-to-point WiFi connection between smartphone and pro.UP, you can access the whole menu offered by the control unit in a fast and very convenient way, also while moving within range of the WiFi network. Once the job is done, you can disconnect it and take it with you to the next installation.



## AUTOMATIONS FOR SLIDING GATES

**BULL8 OM.S**for sliding gates up to **800 kg****BENINCA**  
TECHNOLOGY TO OPEN

**230 Vac gear motor for very intensive use,** with magnetic limit switches, integrated control unit and encoder. The encoder guarantees maximum safety and precision while the gate is moving.



## AUTOMATIONS FOR SLIDING GATES

**BULL20HE.S**for sliding gates up to **2000 kg****BENINCA**  
TECHNOLOGY TO OPEN

**230 Vac gear motor for very intensive use,** with magnetic limit switches, integrated control unit and encoder. **Self-ventilated motor for more intense use.** The encoder guarantees maximum safety and precision while the gate is moving.



## AUTOMATIC BOLLARDS

**SPARTACUS**

hydraulic bollard

**RISE**  
Smart  
Rising

Automatic hydraulic bollard **230 Vac** available in the following versions:

**Ø 200 mm**  
**H 600-800 mm**  
**Cylinder Thickness 6 mm**

**Ø 275 mm**  
**H 600-800 mm**  
**Cylinder Thickness 6-10 mm**

Cataphoresis treatment and "Graphite Black" painting or cover in brushed AISI316 stainless steel.



## AUTOMATIONS FOR SECTIONAL DOORS

**JACK24.80**up to **35 m<sup>2</sup>** with a max torque up to **80 Nm****BENINCA**  
TECHNOLOGY TO OPEN

24 Vdc gear motor for side mounting for sectional doors. The incorporated control unit, equipped with switching power supply extended range from 100 to 250 Vac. **Ideal for every context because of its compact size (11 cm width).**







# INDUSTRIAL SOLUTIONS FROM TRUE AUTOMATION SPECIALISTS



## AUTOMATIC BOLLARDS

## MAXIMUM M30

high-security hydraulic bollard

IWA 14-1:2013 V/7200  
[N3C] /48/90: -0.8PAS 68:2013 V/7500  
[N3] /48/90: -0.5ASTM INTERNATIONAL  
ASTM F2656 Rating  
C730/7200 - P1

Automatic, hydraulic, certified, anti-terrorism bollard, able to withstand an impact with a vehicle of 7500 kg launched at a speed of 48 km/h. **Dynamic vehicle penetration: -0.8 m.** Cataphoresis treatment and "Graphite Black" painting or cover in brushed AISI316 stainless steel. The emergency function E.F.O. (Emergency Fast Operation) is available upon request and allows a fast raising in about 2 seconds. Cylinder with built-in LED lights, the control unit can manage 2 bollards at the same time. **Foundation box complying with the EN124 (40T) regulation** and independent hydraulic pump for each bollard, laterally positioned in order to avoid any damage in the event of an impact and facilitate the maintenance. In the event of a power failure, the bollard will remain in the raised position (manual release). Heating for the foundation box and buzzer available as accessories.



## AUTOMATIONS FOR SLIDING GATES

## BUFFALO160 OTI

for sliding gates up to **16.000 kg (16 t)**

**400 Vac operator for heavy-duty use** on specific applications such as very large sliding gates and doors (e.g. airport hangars). Ventilated for intensive use. Encoder to ensure accuracy during gate operation. Safety magnetic sensor on manual override. **Full metal mechanics and oil lubrication with excellent efficiency even at low temperatures.** Cover and casing in sheet metal with galvanised primer and paint finish. Inverter technology to enable greater adjustment during gate movement, acceleration and deceleration ramp and speed control during opening and closing. Optional built-in FTC.S photocells, available as accessory. Access to release with customised key and release with hexagonal key CH12.



## AUTOMATIONS FOR SLIDING GATES

**BISON25 OTI**for sliding gates up to **2500 kg****BENINCA**  
TECHNOLOGY TO OPEN

**Three-phase 230 Vac electromechanical geared motor connectable to the mono-phase 230 Vac network.** Full metal mechanics and oil lubrication with maximum efficiency even at low temperatures and casing protective treatment and paint. With control unit with built-in receiver, magnetic encoder and inverter incorporated which allows a gradual adjustment of the speed of the motor during both acceleration and deceleration, as well as precision in the gate moving phases.



## AUTOMATIONS FOR SWING GATES

**DU.350NGE**for swing gates up to **4 m** per leaf**BENINCA**  
TECHNOLOGY TO OPEN

**Irreversible electromechanical geared motor for gates of considerable sizes, equipped with encoder.** Oil submerged gear. Cast iron gearwheel. Adjustable mechanical stop included. The encoder guarantees maximum safety and precision while the gate is moving.



## AUTOMATIONS FOR INDUSTRIAL FOLDING DOORS

**ADAM.24**

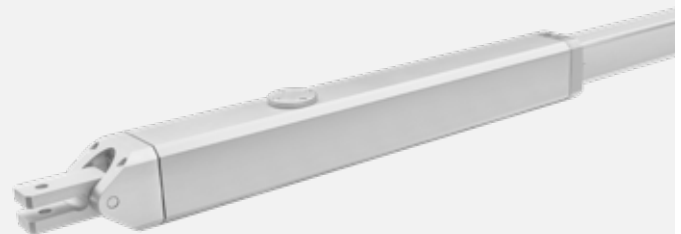
for industrial folding doors with a maximum of 2 sections

**BENINCA**  
TECHNOLOGY TO OPEN

**24 Vdc gear motor for intensive use, with encoder.** The encoder device ensures maximum safety and precision in the door moving phases. Amperometric sensor obstacle detection system to prevent crushing. **Internal metal gears ensure maximum performance and durability over time.** Simple and quick to install, equipped with wire quick release. Accessory for LED courtesy lights available.



## AUTOMATIONS FOR SWING GATES

**HD.80**for swing gates up to **8 m** per leaf**BENINCA**  
TECHNOLOGY TO OPEN

**Hydraulic gear motor for swing gates up to 1000 kg per leaf.** Thanks to the longer reservoir and the new improved electric motor, which is completely submerged in the oil, even more intensive use is possible. The reinforced brackets and front and rear joints make installation easier even when gates are not perfectly aligned. The terminal board makes wiring even easier and lets you swap power cables quickly and easily.



# BENINCÀ LIKE A FAMILY



The Benincà Group is made up of 8 brands created to specifically respond to the needs of increasingly challenging markets, through products that combine tradition and innovation, using synergies and mutual knowledge. It's a dream come true, in order for us to realise our goals. A group able to share skills, knowledge and experience by developing solutions to improve and secure the flow of goods and people all over the world.



**Automation**  
for gates, garage  
and road barriers  
for industrial,  
condominial and  
residential use,  
dedicated to  
professionals.



**Accessories for**  
sliding gates,  
cantilever gates,  
swing gates,  
industrial doors  
and manual barriers.



**Automatic sliding**  
and swing doors,  
ideal for collective,  
industrial or  
marine contexts.



**Automatic,**  
semi-automatic  
and fixed bollards,  
turnstiles and  
pedestrian access  
point, ideal for  
collective use and  
in the management  
access.





# VISION & MISSION

**Benincà; good products,  
good people, one family.**

**Like a family.**

We support our partners  
and customers to grow together,  
a synergy defined by trust  
and built with care.

We share products and services  
for the safety and freedom of people,  
which make us proud of our name.



Smart Systems for  
access Control, RFID  
and 4.0 industry.



Electronic solutions  
for access control  
and automation  
management for gates,  
garages, sunscreens  
and pergolas.



Hydraulic automation  
for swing gates and  
operators for roller  
shutters for residential,  
commercial and  
industrial use.



Automation  
devices for  
gates and for  
residential use.  
The channel  
is DIY.

