

Life  
made  
easy



Made  
In Europe

50 Years of  
Manufacturing  
Experience

Advanced  
Technology

On-Site  
Installation  
Support

Sales &  
Technical  
Support

Pan India  
Presence



**AUTOMATION FOR SLIDING GATES**

# Comunello: Design made to resist

## About Company

A company with 50 years of manufacturing experience, a clear international vision based on the quality of the design, ground breaking technology, the solidity of production, and our commitment to technical service and customer care. Since 1965 every product is 100% made in Italy at Comunello Group premises, Because the company has always used certified control systems and materials of the highest quality for outstanding reliability and cast-iron guarantees.



**FORT 400**  
up to 400 kg

24V

**FORT 500**  
up to 500 kg

230V



**FORT 600**  
up to 600 kg

24V

**FORT 700**  
up to 700 kg

230V

**FORT 1000**  
up to 1000 kg

24V

230V

**FORT 1500**  
up to 1500 kg

230V



**FORT 3500**  
up to 3500 kg

230V

400V

## Automation for now and for the future

Perfectly-matching metallic transmission gears. The motor support bearings guarantee quiet movement even under full load.



Easy-opening emergency release mechanism with key and aluminium handle.



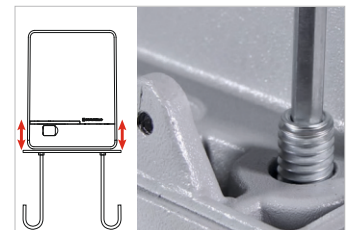
Integrated control unit and receiver. LED function setting and trimmer adjustment for easy programming and diagnosis.



Versions with mechanical or magnetic limit switches.



Height and plane adjustment with the fixing accessories provided.

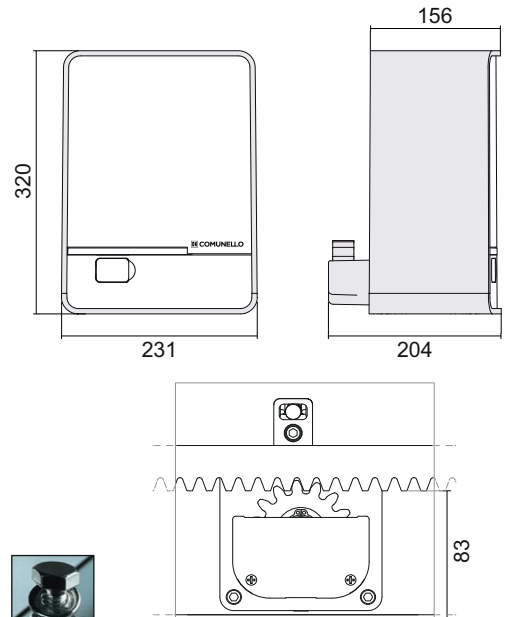


## FORT 400/500

Electromechanical actuators for residential sliding gates up to 400/500kg



In residential and industrial context actuators from the Fort series provide an attractive and intelligent solution. The on-board control panel provides access to a vast range of features including obstacle detection and programmable operation times. The receiver is built in to the control panel. The motor support bushings guarantee silent movement even under full load.



**RACK**  
Metal rack, M4 30 x 12 mm



**SPACERS**  
Weldable spacers for rack



## TECHNICAL CHARACTERISTICS

Electrical information	Fort 400	Fort 500
Power supply	230 VAC 50 Hz	230 VAC 50 Hz
Operating power supply	24 VDC	230 VAC
Power consumption	70 W	280 W
Current input	3,0 A	1,2 A
Maximum thrust	350 N	450 N
Duty cycle	intensive use	50%
Protection rating	IP 44	IP 44
Insulation class	1 (earthing)	1 (earthing)
Working temperature	-20°C / +50°C	-20°C / +50°C
Max weight of gate	400 Kg	500 Kg
Rack module	M4	M4
Speed	0,12 m/s	0,17 m/s
Weight	8,9 Kg	9,9 Kg

## FORT 400/500 KIT



FORT



VICTOR 2 RC



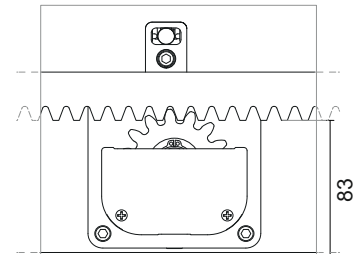
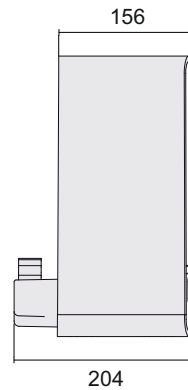
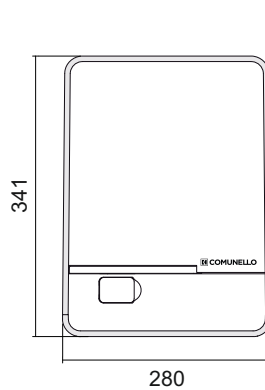
DART



SWIFT-Y

# FORT 600/700/1000/DUAL1000/1500

Electromechanical actuators for residential and industrial sliding gates up to 600/700/1000/Dual1000/1500 Kg



**RACK**  
Metal rack, M4 30 x 12 mm



**SPACERS**  
Weldable spacers for rack



## TECHNICAL CHARACTERISTICS

Electrical information	Fort 600	Fort 700	Fort 1000	Fort Dual 1000	Fort 1500
Power supply	230 VAC 50 Hz	230 VAC 50 Hz	230 VAC 50 Hz	230 VAC 50 Hz	230 VAC 50 Hz
Operating power supply	24 VDC	230 VAC	24 VDC	230 VAC	230 VAC
Power consumption	110 W	300 W	150 W	340 W	460 W
Current input	5,0 A	1,3 A	6,2 A	1,5 A	2,0 A
Maximum thrust	550 N	600 N	900 N	900 N	1400 N
Duty cycle	intensive use	50%	intensive use	50%	50%
Protection rating	IP 44	IP 44	IP 44	IP 44	IP 44
Insulation class	2	1 (earthing)	2	1 (earthing)	1 (earthing)
Working temperature	-20°C / +50°C	-20°C / +50°C	-20°C / +50°C	-20°C / +50°C	-20°C / +50°C
Max weight of gate	600 Kg	700 Kg	1000 Kg	1000 Kg	1500 Kg
Rack module	M4	M4	M4	M4	M4
Speed	0,17 m/s	0,17 m/s	0,17 m/s	0,17 m/s	0,17 m/s
Weight	10,6 Kg	12 Kg	12 Kg	12,4 Kg	12,6 Kg

## FORT 600/700/1000/DUAL1000/1500 KIT



FORT



VICTOR 2 RC



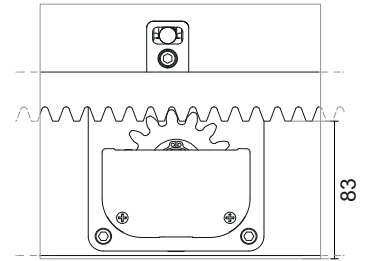
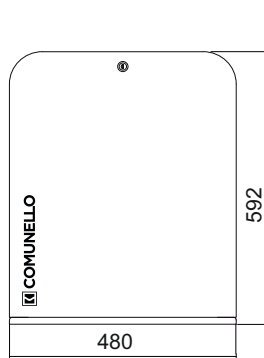
DART



SWIFT-Y

# FORT 3500

Electromechanical actuators for industrial sliding gates up to 3500 Kg



**RACK**  
Metal rack, M4 30 x 12 mm

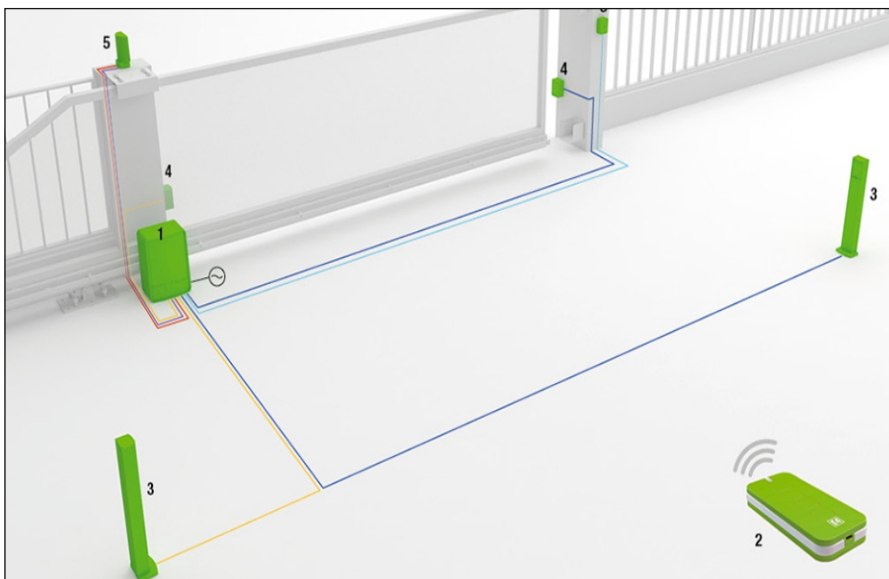


**SPACERS**  
Weldable spacers for rack



## TECHNICAL CHARACTERISTICS

Electrical information	230V	380V
Power supply	230 VAC	380 VDC
Operating power supply	230 VAC	380 VDC
Power consumption	0,8 W	0,8 W
Current input	3,5 A	1,2 A
Maximum thrust	3000 N	3000 N
Duty cycle	50%	intensive use
Protection rating	IP 44	IP 44
Insulation class	1 (earthing)	1 (earthing)
Working temperature	-20°C / +50°C	-20°C / +50°C
Max weight of gate	3500 Kg	3500 Kg
Rack module	M6	M6
Speed	0,17 m/s	0,17 m/s
Weight	70 Kg	70 Kg

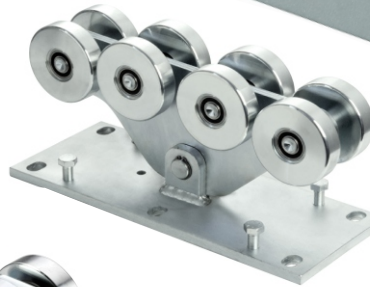
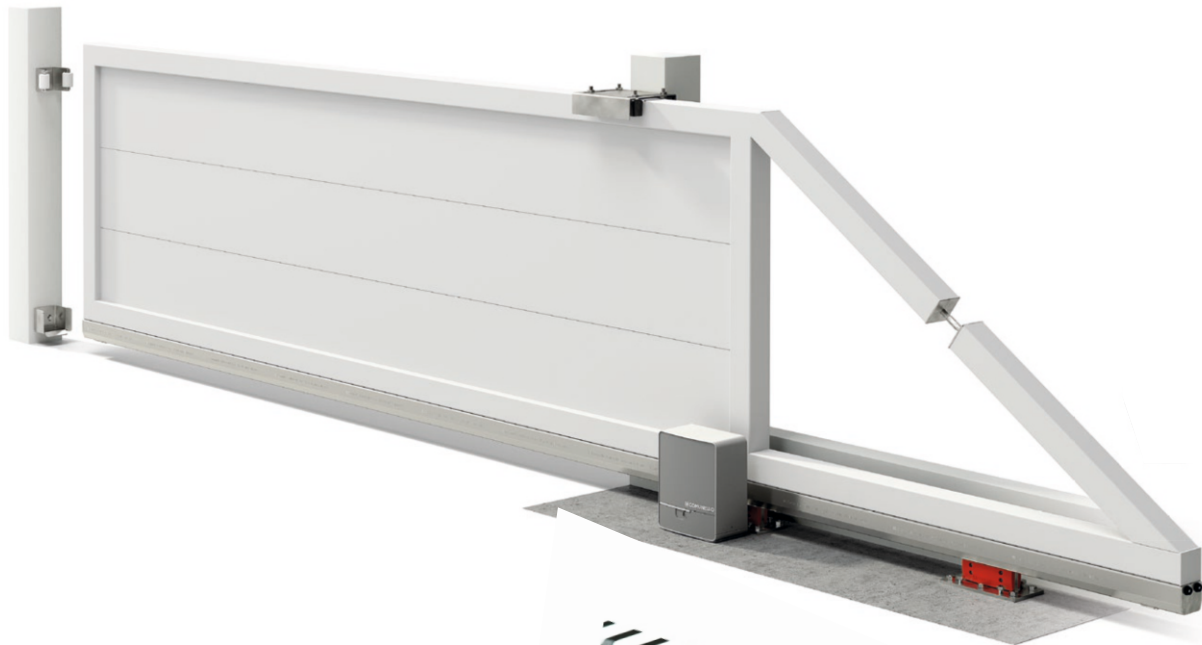


### INSTALLATION CHART

- 1 1 FORT - 24V Magnetic limit switches with encoder.
- 2 1 VICTOR - 2 Channels rolling code Remote control.
- 3 2 MAST 50 - Extruded aluminium column h 50 CM
- 4 2 DART - Photocells
- 5 1 SWIFT - Flashing signal lights
- 6 1 INDEX - Key operated switch standard
- 7 1 AC-40 - Signage table
- 8 1 AC-50 - Battery Kit

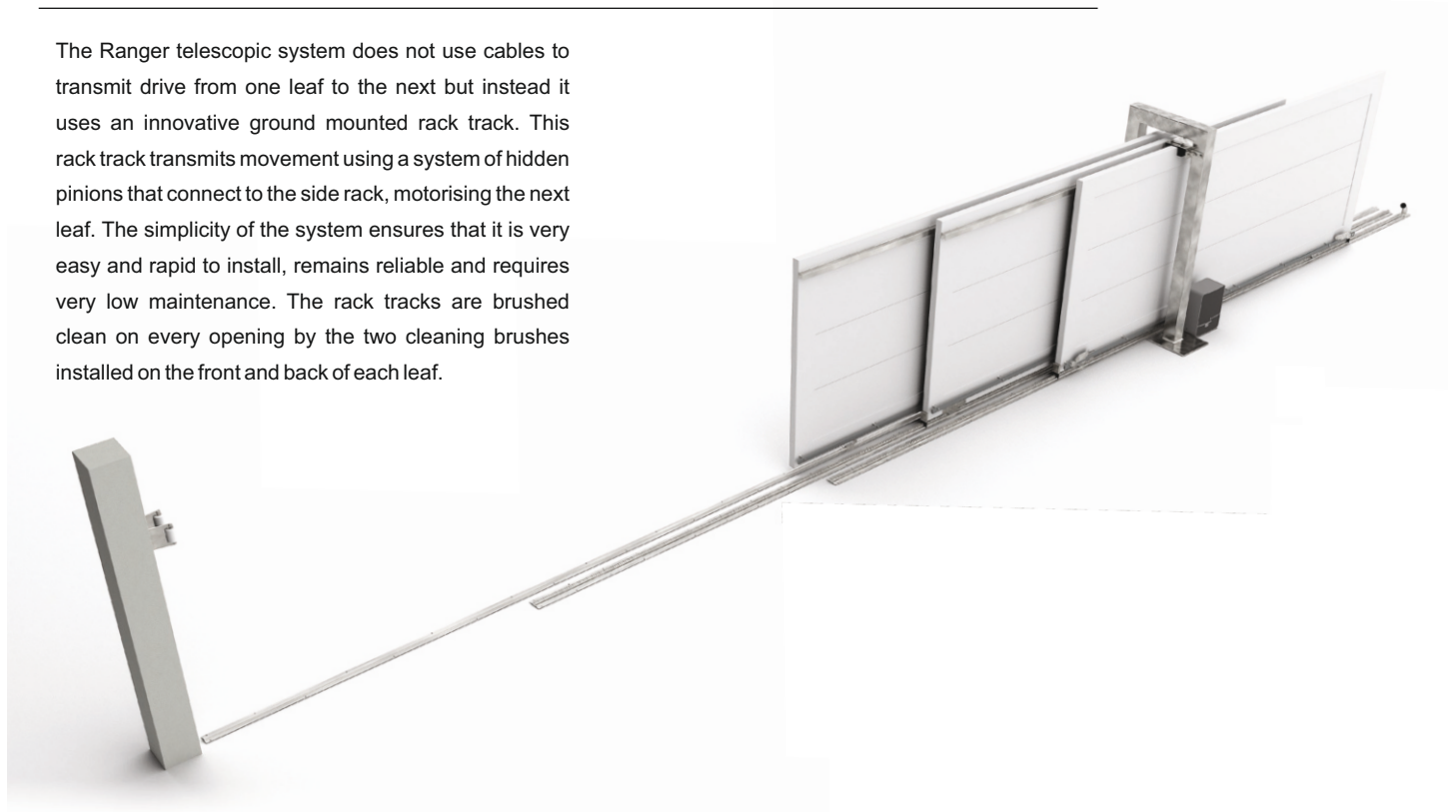
## COMUNELLO CANTILEVER GATE SYSTEMS

The Comunello Gate Division has built a reputation in Italy and across the world for providing the widest range of components for sliding gates and industrial doors of all weights and all sizes. Our vast range of solutions and use of high quality materials including stainless steel and aluminium bring real value to a product offering which is truly unique and which delivers solutions for all gate types, whatever the size. The Comunello product range offers the best solutions for all kinds of cantilever gate systems by guaranteeing high load capacity and superb durability.



## COMUNELLO TELESCOPIC GATE SYSTEMS

The Ranger telescopic system does not use cables to transmit drive from one leaf to the next but instead it uses an innovative ground mounted rack track. This rack track transmits movement using a system of hidden pinions that connect to the side rack, motorising the next leaf. The simplicity of the system ensures that it is very easy and rapid to install, remains reliable and requires very low maintenance. The rack tracks are brushed clean on every opening by the two cleaning brushes installed on the front and back of each leaf.



## COMUNELLO SLIDING GATE SYSTEMS

High quality mechanical components are the key to ensuring security for gate movement systems. All Comunello wheels are made from 100% C40 steel protected by electrolytic galvanization and have been subjected to rigorous laboratory testing which certifies durability through more than 2.000.000 cycles.



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