

Life  
made  
easy

**FORT** YM2020

NEW VERSION OF THE FORT  
RANGE, FASTER, SAFER AND  
MORE RELIABLE.



# FORT

Technical features



Robust carter with anti UV treatment

Release for manual operation with key and integrated aluminum lever

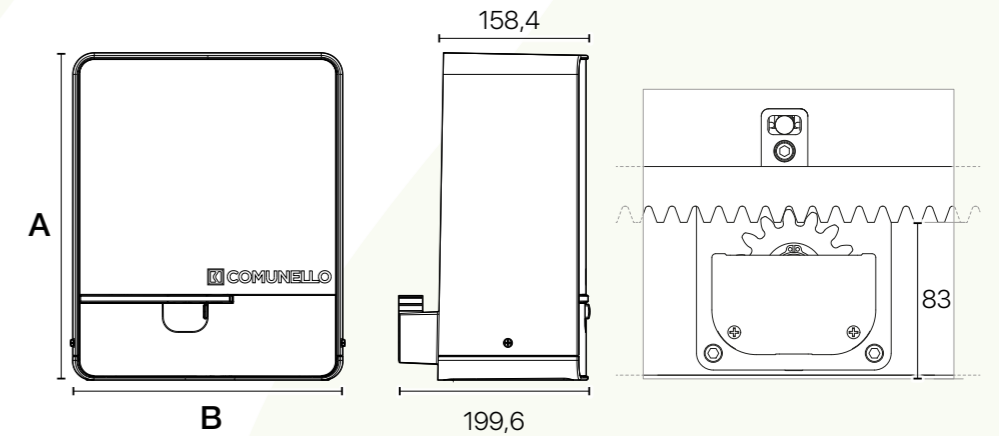
Die-cast aluminum structure

Stainless steel fixing screw for openings with both screwdriver and wrench, this allows a facilitated installation of the actuator even in the position near the column

## DIMENSION (mm)

FORT 400-500:  
**A=325 - B=237**

FORT 600-800-1000-1500:  
**A=345 - B=285**



## GENERAL FEATURES

**Performance:** Mechanical performance and lubrication tested and guaranteed even at low temperatures

**Speed:** Nominal speed and slowdown adjustable up to 0.28 m / s

**Obstacle detection:** Obstacle detection by current absorption or encoder

**Intensive use:** 24vdc version for intensive use

## TECHNICAL FEATURES

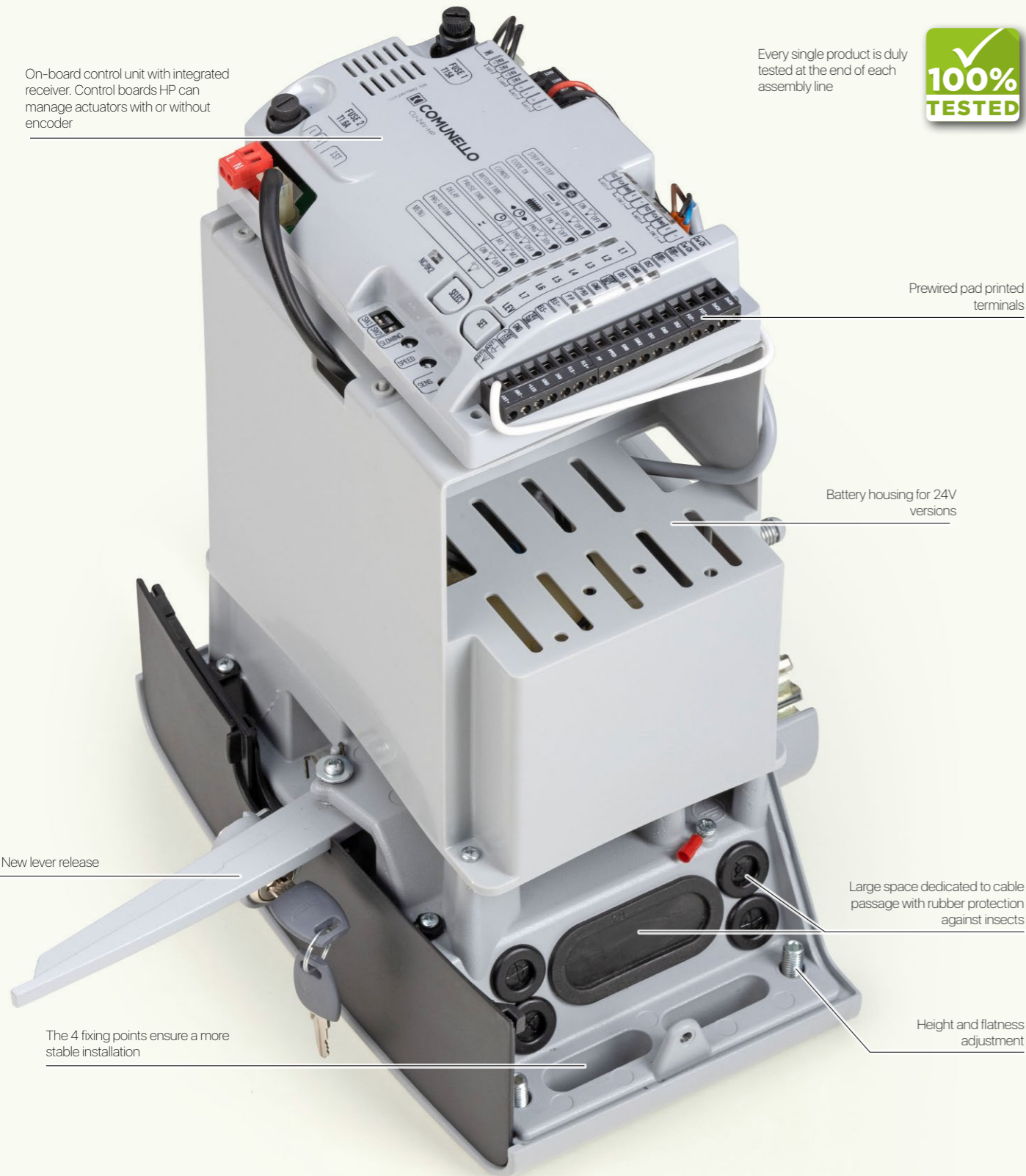
	FORT 400 24V FORT 400 ONE	FORT 500 230V	FORT 600 24V FORT 600 ONE	FORT 800 24V FORT 800 ONE	FORT 800 230V	FORT 1000 24V FORT 1000 ONE	FORT 1000 230V	FORT 1500 230V
Voltage	230 VAC 50 Hz	230 VAC 50 Hz	230 VAC 50 Hz	230 VAC 50 Hz	230 VAC 50 Hz	230 VAC 50 Hz	230 VAC 50 Hz	230 VAC 50 Hz
Operating power supply	24 VDC	230 VAC	24 VDC	24 VDC	230 VAC	24 VDC	230 VAC	230 VAC
Power consumption	70 W	280 W	110 W	150 W	320 W	150 W	340 W	460 W
Max. absorption	3,0 A	1,2 A	5,0 A	5,6 A	1,4 A	6,2 A	1,5 A	2,0 A
Internal gear	Nylon	Nylon	Nylon	Bronze	Bronze	Bronze	Bronze	Bronze
Max. thrust	350 N	450 N	550 N	750 N	750 N	900 N	900 N	1400 N
Duty cycle	Intensive use	30%	Intensive use	30%	30%	Intensive use	30%	30%
Protection degree (IP)	IP44	IP44	IP44	IP44	IP44	IP44	IP44	IP44
Insulation class	2	1 (earthing)	2	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	-20°C / +50°C	-20°C / +50°C	-20°C / +50°C
Max. gate weight	400 Kg	500 Kg	600 Kg	800 Kg	800 Kg	1000 Kg	1000 Kg	1500 Kg
Rack module	M4	M4	M4	M4	M4	M4	M4	M4
Speed	0,26 m/s	0,17 m/s	0,28 m/s	0,28 m/s	0,17 m/s	0,21 m/s	0,17 m/s	0,17 m/s
Weight	8,9 Kg	9,9 Kg	10,6 Kg	12 Kg	12 Kg	12 Kg	12,4 Kg	12,6 Kg

# FORT

Technical features

On-board control unit with integrated receiver. Control boards HP can manage actuators with or without encoder

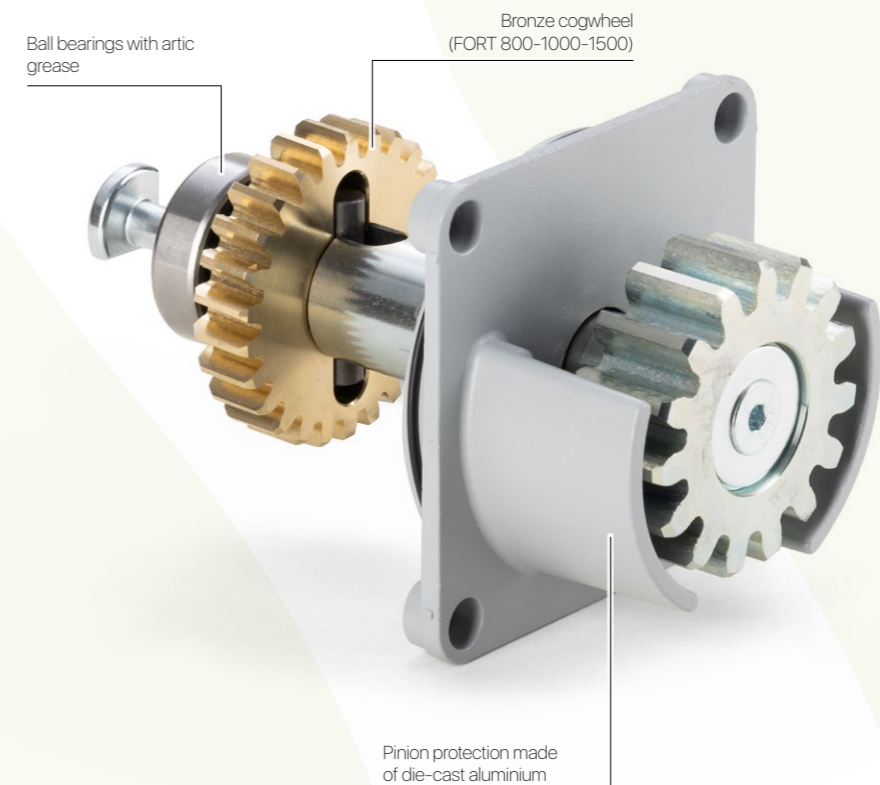
Every single product is duly tested at the end of each assembly line



**Mechanical** limit switch version



**Magnetic** limit switch version





OFFICIAL DEALER:

 **COMUNELLO**  
**AUTOMATION**

AUTOMATION FOR GATES, DOORS AND BARRIERS

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# FORT Accessories



	<b>AC-220</b>	Fixing support for sliding actuator	GFT001AANOG00A	1	1,8 kg
	<b>AC-200</b>	Magnetic limit switches kit	GFT001FINOG00	1	0,8 kg
	<b>AC-205</b>	Magnetic sensor	GFT002FINOG00	1	0,12 kg
	<b>AC-206</b>	Electromechanical limit-switch with long spring (for Fort 400/500/600/800/1000/1500 with <b>Integrator</b> Mini/Piccolo opening system )	GFINECORN00P0	1	0,11 kg
	<b>AC-261</b>	1 m M4 Nylon rack with iron core and 6 fixing points	GACCGT1F00008	1	0,90 kg
	<b>AG-260-1M</b>	Galvanised iron rack M=4; A.B=22; L=1000	GACCGT1F00001	1	3,1 kg
	<b>AG-260-2M</b>	Galvanised iron rack M=4; A.B=22; L=2000	GACCGT1F00002	1	6,2 kg
	<b>AG-260-1M</b>	Galvanised iron rack M=6; A.B=30; L=1000	GACCGT1F00003	1	6,0 kg
	<b>AG-KIT 262</b>	Galvanised rack to be screwed 30x8x1M with spacers	GACCGT1F00005	1	1,6 kg
	<b>AG-KIT 262</b>	Galvanised rack to be screwed 30x12x1M with spacers	GACCGT1F00006	1	2,4 kg
	<b>AG-KIT 262</b>	Galvanised rack to be screwed 30x12x2M with spacers	GACCGT1F00007	1	4,9 kg

# FORT

Automation for sliding gates  
24 Vdc and 230 Vac



24 Vdc and 230 Vac motor with built-in electronics for sliding gates up to 1500 kg

			Max. leaf weight						Fixing kit*		
<b>FORT 400</b>	24 Vdc	GFT040MEL0B00A	400 kg	CU 24V HP	•	•	•		•	8,9 kg	30
<b>FORT 600</b>	24 Vdc	GFT060MEL0B00A	600 kg	CU 24V HP	•	•	•		•	10,6 kg	30
<b>FORT 800</b>	24 Vdc	GFT080MEL0B00A	800 kg	CU 24V HP	•	•	•		•	11,6 kg	30
<b>FORT 1000</b>	24 Vdc	GFT100MCL0B00A	1000 kg	CU 24V HP	•	•	•		•	12 kg	30
<b>FORT 1000</b>	24 Vdc	GFT100GCL0B00A	1000 kg	CU 24V HP	•	•		•	•	12 kg	30
<b>FORT 500</b>	230 Vac	GFT050MEH0B00A	500 kg	CU 230V HP	•	•	•		•	9,9 kg	30
<b>FORT 800</b>	230 Vac	GFT080MEH0B00A	800 kg	CU 230V HP	•	•	•		•	11,6 kg	30
<b>FORT 1000</b>	230 Vac	GFT100MEH0B00A	1000 kg	CU 230V HP	•	•	•		•	12,4 kg	30
<b>FORT 1000</b>	230 Vac	GFT100GCH0B00A	1000 kg	CU 230V HP	•	•		•	•	12,4 kg	30
<b>FORT 1500</b>	230 Vac	GFT150MH0B00A	1500 kg	CU 230V HP	•	•	•		•	12,6 kg	30
<b>FORT 1500</b>	230 Vac	GFT150GCH0B00A	1500 kg	CU 230V HP	•	•		•	•	12,6 kg	30

= Encoder - = Mechanical endstops - = Magnetic endstops

\* Electromechanical limit switch included, available with magnetical limit switch version



KIT System

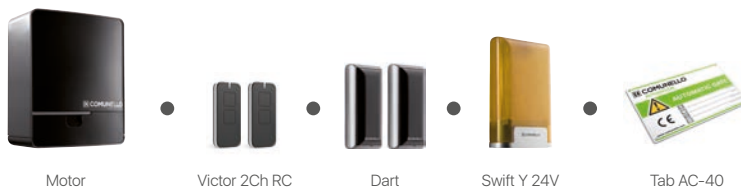
## ENTRY KIT



## LIGHT KIT



## FULL KIT



# FORT KIT System



Complete kits for sliding gates, 24 Vdc and 230 Vac, up to 1500 kg

		KIT System			
 <b>Fort 400</b> 24V	ENTRY		GKFT040ELB930A	9,1 kg	30
	LIGHT		GKFT040ELB920A	9,3 kg	30
	FULL		GKFT040ELB000A	9,5 kg	30
 <b>Fort 600</b> 24V	ENTRY		GKFT060ELB930A	10,8 kg	30
	LIGHT		GKFT060ELB920A	10,9 kg	30
	FULL		GKFT060ELB000A	11,2 kg	30
 <b>Fort 800</b> 24V	ENTRY		GKFT080ELB930A	11,8 kg	30
	LIGHT		GKFT080ELB920A	11,9 kg	30
	FULL		GKFT080ELB000A	12,2 kg	30
 <b>Fort 1000</b> 24V	ENTRY		GKFT100ELB930A	12,7kg	30
	LIGHT		GKFT100ELB920A	12,8 kg	30
	FULL		GKFT100ELB000A	13 kg	30
 <b>Fort 500</b> 230V	ENTRY		GKFT050EHB930A	10,1 kg	30
	LIGHT		GKFT050EHB920A	10,3 kg	30
	FULL		GKFT050EHB000A	10,5 kg	30
 <b>Fort 800</b> 230V	ENTRY		GKFT080EHB930A	11,8 kg	30
	LIGHT		GKFT080EHB920A	11,9 kg	30
	FULL		GKFT080EHB000A	12,2 kg	30
 <b>Fort 1000</b> 230V	ENTRY		GKFT100EHB930A	12,7kg	30
	LIGHT		GKFT100EHB920A	12,8 kg	30
	FULL		GKFT100EHB000A	13 kg	30
 <b>Fort 1500</b> 230V	ENTRY		GKFT150EHB930A	13,3 kg	30
	LIGHT		GKFT150EHB920A	13,4 kg	30
	FULL		GKFT150EHB000A	13,6 kg	30