

Life  
made  
easy

**FORT** YM2020

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



# FORT YM2020

Technical features



Robust carter with anti UV treatment

Release for manual operation with key and integrated aluminum lever

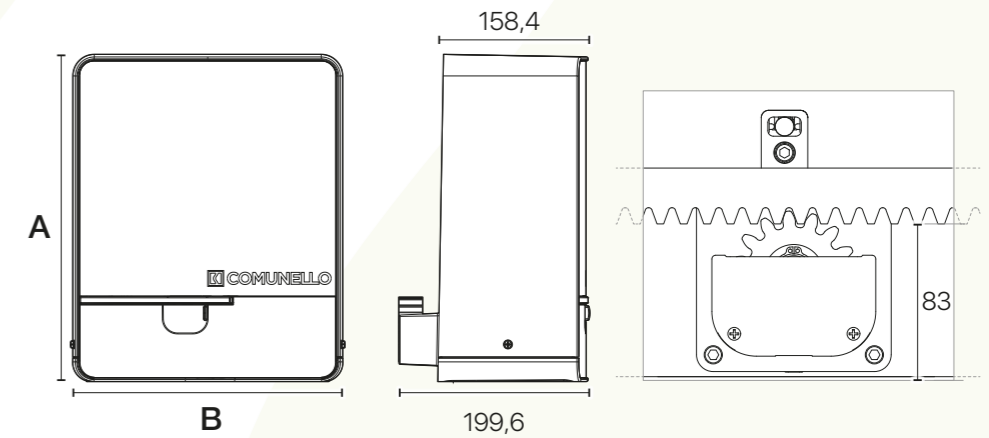
Die-cast aluminum structure

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

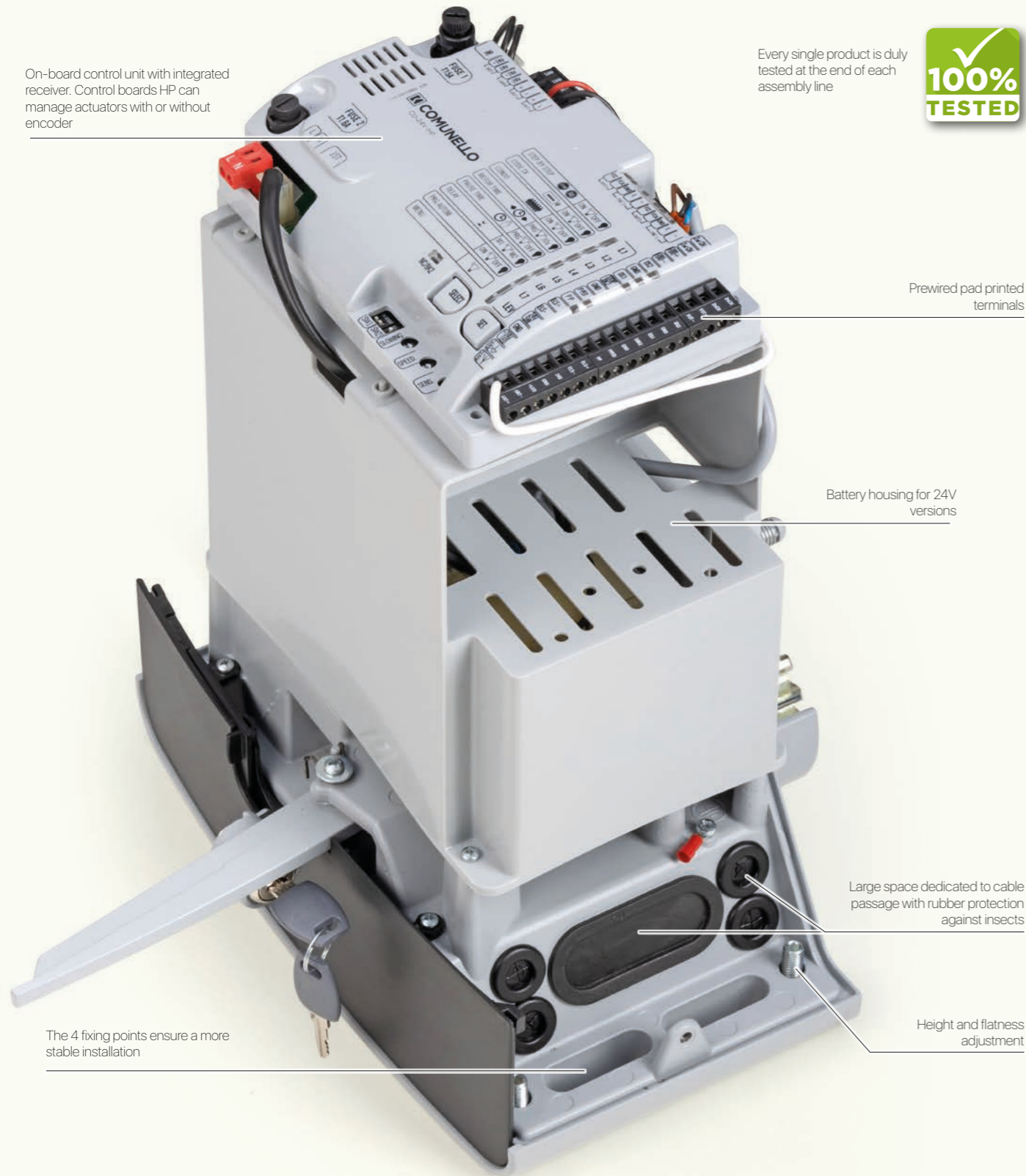
	FORT 400 24V FORT 400 ONE	FORT 500 230V	FORT 600 24V FORT 600 ONE	FORT 800 24V FORT 800 ONE	FORT 800 230V	FORT 1000 24V FORT 1000 ONE	FORT 1000 230V	FORT 1500 230V
Voltage	230 VAC 50 Hz	230 VAC 50 Hz	230 VAC 50 Hz	230 VAC 50 Hz	230 VAC 50 Hz	230 VAC 50 Hz	230 VAC 50 Hz	230 VAC 50 Hz
Operating power supply	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	300 W	150 W	340 W	460 W
Max. absorption	3,0 A	1,2 A	5,0 A	5,6 A	1,3 A	6,2 A	1,5 A	2,0 A
Internal gear	Nylon	Nylon	Nylon	Bronze	Bronze	Bronze	Bronze	Bronze
Max. thrust	400 N	450 N	550 N	600 N	600 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 YM2020

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



Prewired pad printed terminals

Battery housing for 24V versions

Large space dedicated to cable passage with rubber protection against insects

Height and flatness adjustment

The 4 fixing points ensure a more stable installation



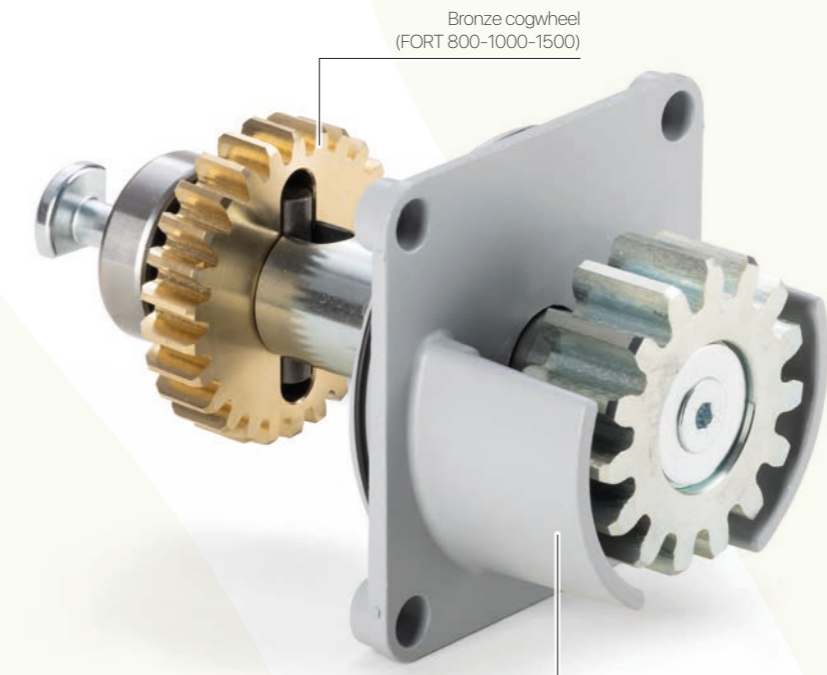
Battery housing for 24V versions



Mechanical limit switch version



Magnetic limit switch version



Bronze cogwheel (FORT 800-1000-1500)

Pinion protection made of die-cast aluminium



OFFICIAL DEALER:

 **COMUNELLO**  
**AUTOMATION**

AUTOMATION FOR GATES, DOORS AND BARRIERS

FRATELLI COMUNELLO S.P.A.

HEADQUARTERS

Via Zarpellon, 33

36027 San Giuseppe di Cassola, Vicenza, Italy

Tel. +39 0424 585111 Fax +39 0424 533417

info@comunello.it www.comunello.com

REGISTERED OFFICE

Via Cassola,64 - C.P.79

36027 Rosà, Vicenza, Italy

Tel. +39 0424 585111 Fax +39 0424 533417

info@comunello.it www.comunello.com