

 **COMUNELLO**  
**AUTOMATION**

Life  
made  
easy



**FORT 3500**

AUTOMATION

FOR SLIDING GATES

230 VAC AND 380 VAC



# FORT 3500

Technical features



## CONTROL BOARDS

### CU INDUSTRY 230V

QUAD 230V INVERTER FORT 2500/3500

#### MAIN FEATURES

- **Speed:** thanks to the integrated inverter it is possible to adjust the nominal and slow-down speeds while maintaining high levels of force and smooth movement.
- **Acceleration:** The control unit allows to manage and adjust the acceleration and deceleration ramps
- **Security:** The control unit is able to manage, through dedicated inputs, N.C. or 8K2 sensitive edges and photocells.
- **Diagnostics:** The control unit is able to perform real-time diagnostics using dedicated LEDs and display anomalies.
- **Commands:** The control unit manages the commands: "only opening", "only closing", "step-by-step" and "Pedestrian".
- **Sensitivity:** The control unit allows to adjust the sensitivity for obstacle detection.

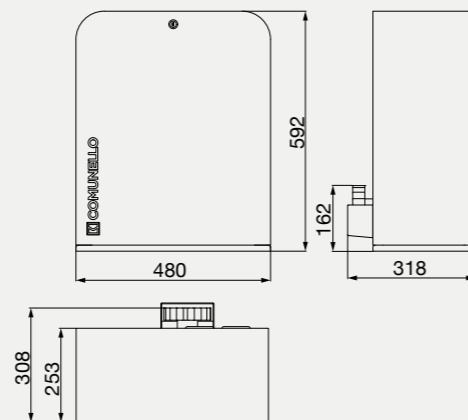
### CU INDUSTRY 380V

QUAD 380V FORT 2500/3500

#### MAIN FEATURES

- **Sensitivity:** The control unit allows to adjust the sensitivity for obstacle detection.
- **Commands:** The control unit manages the commands: "only opening", "only closing", "step-by-step" and "Pedestrian".
- **Diagnostics:** The control unit is able to perform real-time diagnostics using dedicated LEDs.
- **Security:** The control unit is able to manage, through dedicated inputs, NC/8K2 sensitive edges and photocells.
- **Simple:** The main functions can be easily activated using 10 dip-switches.

#### DIMENSIONS (mm)



Fast, Safe, Reliable, Simple  
Obstacle sensitive, Speed  
reduction management

On-board control unit, also available with inverter

Integrated receiver: up to 500 codes (rolling code or fixed code) can be memorized

Gasket along the entire front opening for greater protection



Gearmotor with integrated ventilation, available in 230 VAC and 380 VAC versions

The gearmotor fully lubricated in an oil bath ensures high performance even at extreme temperatures (-20 °C / + 50 °C)

Heat-dissipation vents

Robust steel frame with protective treatment



Reliable electromechanical limit switch with IP67 protection degree

Strong shaft with pinion module M6 (M4 for Fort 3500-S)



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

★ Actuator dedicated to the Ranger telescopic sliding system



#### Technical features

	FORT 3500 380V STD FE	FORT 3500 230V INV FE	FORT 3500-S 230V INV FE ★
Power supply	380V 50 Hz	230V 50 Hz	230V 50 Hz
Operating power supply	380V	230V 3 ~	230V 3 ~
Power consumption	0,75 KW	0,75 KW	0,75 KW
Max. absorption	1,9 A	3,29 A	3,29 A
Max. thrust	3000 N	3000 N	3000 N
Duty cycle	Intensive use	Intensive use	Intensive use
Protection degree (IP)	IP44	IP44	IP44
Insulation class	1 (earthing)	1 (earthing)	1 (earthing)
Working temperature	-20° /+50°	-20° /+50°	-20° /+50°
Max. gate weight	3500 Kg	3500 Kg	3500 Kg
Rack module	M6	M6	M4
Speed	0,17 m/s	Up to 0,38 m/s	Up to 0,19 m/s
Gear ratio	1:50	1:50	1:100
Weight	46 Kg	48 Kg	48 Kg
Control board	CU INDUSTRY 380V	CU INDUSTRY 230V	CU INDUSTRY 230V



**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