COMUNELLO
AUTOMATION

Timeless Design
Time Less Installation
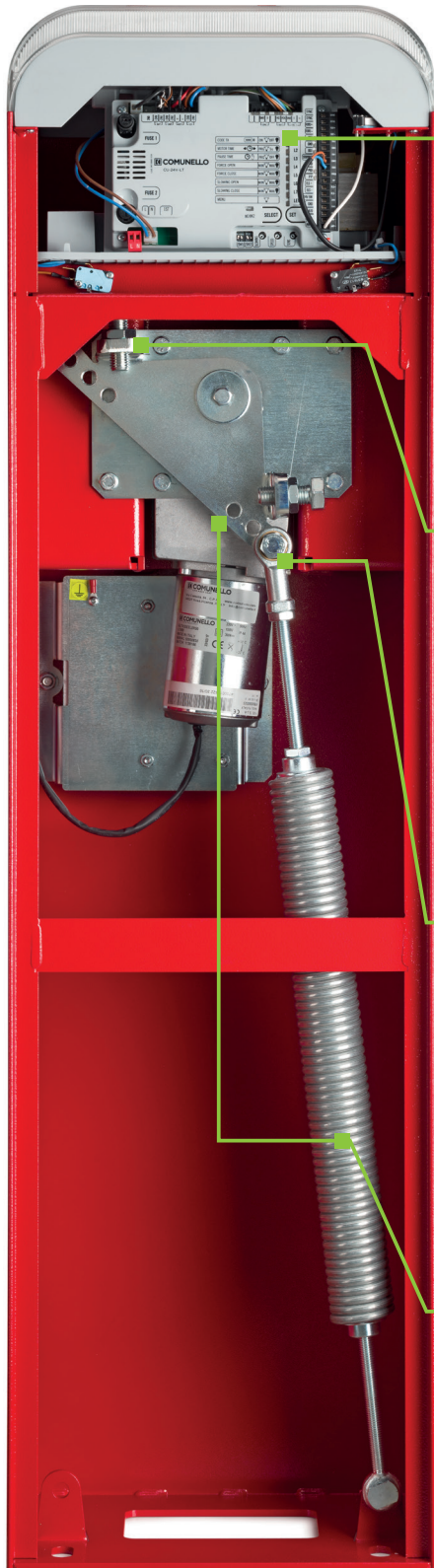Made in Comunello

LIMIT SERIES

LIMIT 500   LIMIT 600   LIMIT 800

LIMIT 500 - 600

NEW

COMUNELLO
AUTOMATION

01 High Performance ELECTRONICS

Easily accessible built-in control board.
Led/trimmer adjustments for easy set-up and diagnose.
Integrated **encoder** for more precise and safer speed
reducer control.

02 LIMIT SWITCH

Smooth limit-switch set-up.
Micro-switch and mechanical stop adjustment from one
screw.

03 SPHERICAL EYELET

Eyelet-fixed spring for smoother, wear reducing
movement

04 ONE SPRING

Aluminium reducer and metal gearings,
all Made by Comunello.
Three fixing holes allow for the use of
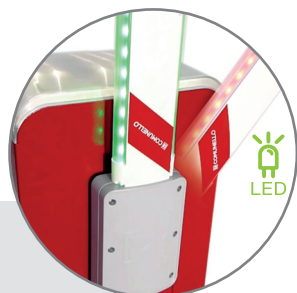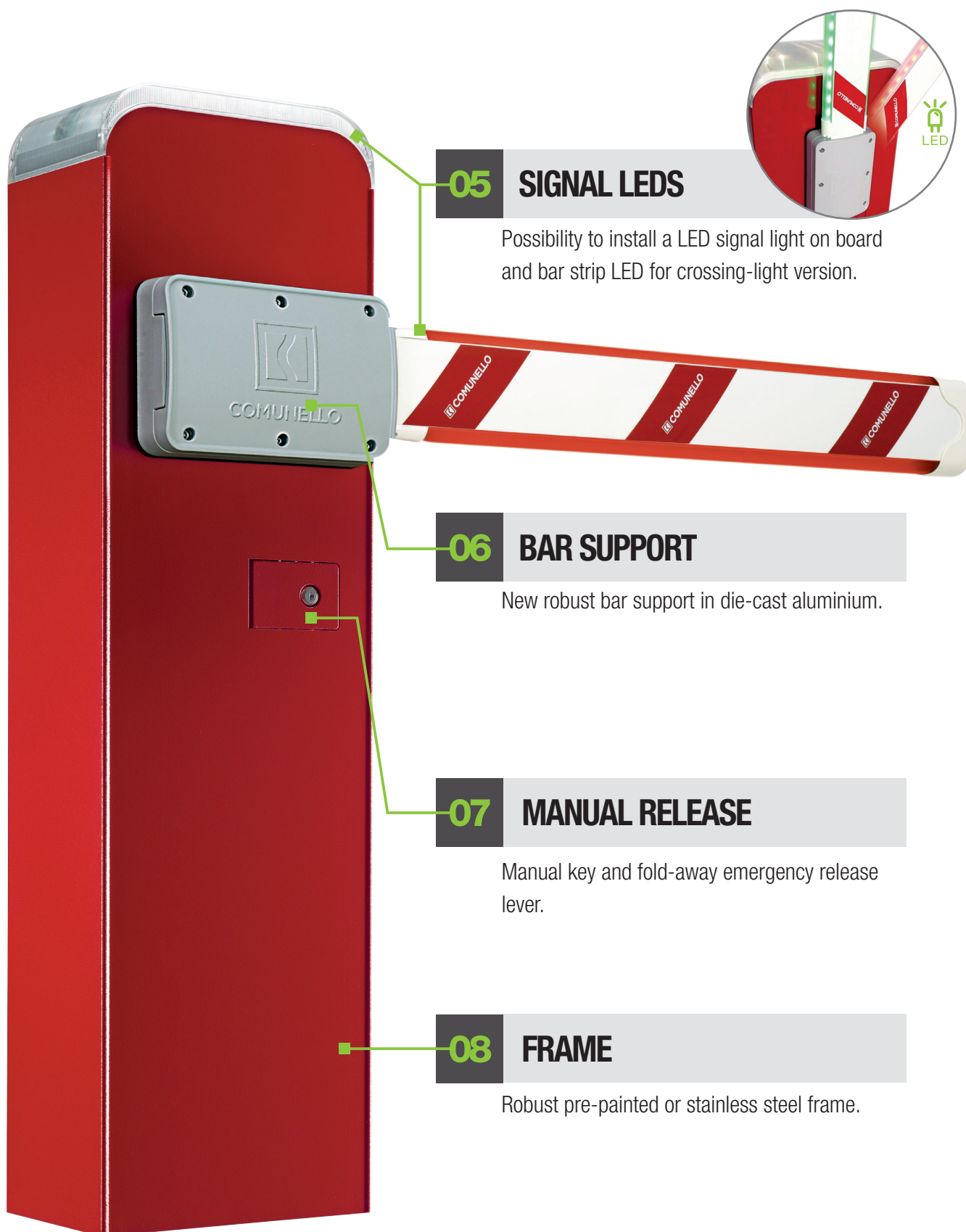**one single spring for different bar lengths**.

ONE SPRING TO RULE THEM ALL!

LIMIT 500 - 600 NEW

COMUNELLO
AUTOMATION

05 **SIGNAL LEDS**

Possibility to install a LED signal light on board and bar strip LED for crossing-light version.

LED

06 **BAR SUPPORT**

New robust bar support in die-cast aluminium.

07 **MANUAL RELEASE**

Manual key and fold-away emergency release lever.

08 **FRAME**

Robust pre-painted or stainless steel frame.

LIMIT 500

NEW

COMUNELLO
AUTOMATION

Elecromechanical 24V barrier raising systems with encoder for residential, public or industrial use
For entrances up to 5 m in width

AVAILABLE FINISHES:

24 VDC | **E** ENCODER | **DUAL KIT**

LIMIT 500   For entrances up to 5 m

SUITABLE FOR **INTENSIVE USE**	AVAILABLE MODELS: **HP** ONE TECHNOLOGY	AVAILABLE FINISHES: Red Black Inox

ARTICLE	LIMIT 500 24V
Power supply	230 VAC
Operator power supply	24 VDC
Power consumption	150 W
Current input	6,2 A
Torque	300 Nm
Operating time	3 - 6 sec
Duty cycle	intensive use
Protection rating (IP)	IP44
Insulation class	2
Working temperature	-20°C / +50°C
Integrated control unit	CU 24V LT
Limit switch	Electromechanical
Encoder	Yes
Weight	65 kg

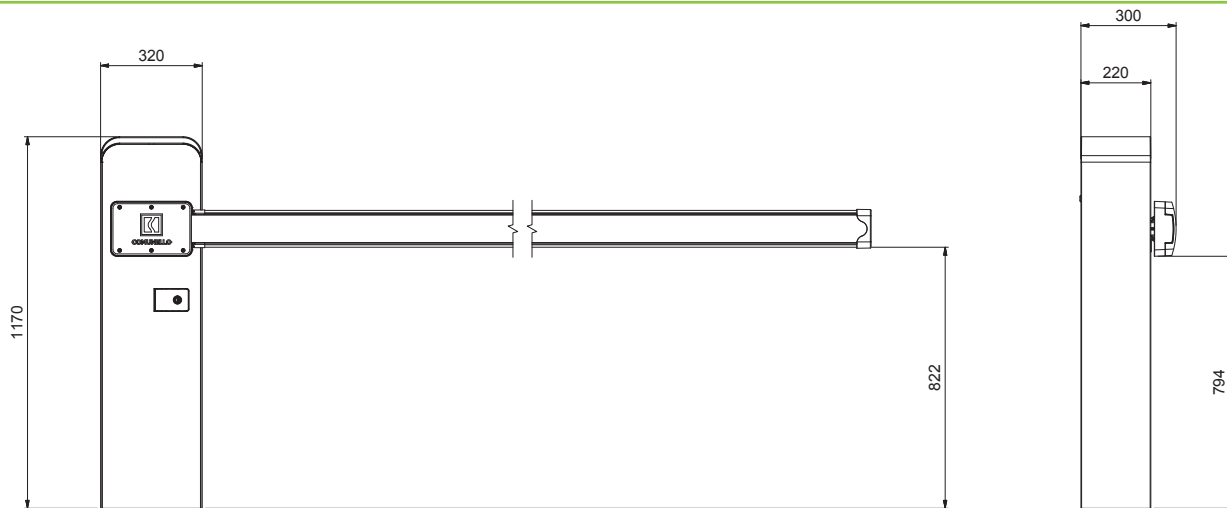| LIMIT 500 SPRING STRETCHER TOOL	ARM LENGTH (M)			
	2 m	3 m	4 m	5 m
ARM	1	2	3	3
ARM WITH IMPACT PROTECTION STRIPS AND LEDS	1	2	3	3
ARM WITH IMPACT PROTECTION STRIPS AND LEDS AND POGO END REST	1	2	3	3
ARM WITH SINGLE IMPACT PROTECTION STRIP, LEDS AND SKIRT	-	2	3	3
ARM WITH SINGLE IMPACT PROTECTION STRIP, LEDS, SKIRT AND POGO END REST	-	3	3	3

LIMIT 500

COMUNELLO
AUTOMATION

For entrances up to 5 m

5 m

For entrances up to 10 m
(5+5 m)

5 m   5 m

DUAL KIT

DIMENSIONS

320

1170

822

300

220

794
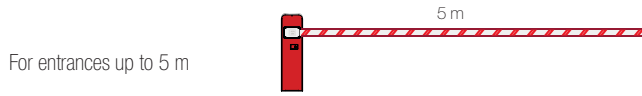
MAIN FITTINGS

AC 40 SIGNAGE TABLE	**AC 500** FOUNDATION ANCHORING KIT	**AC 540** ONE BAR SPRING	**AC 560** BAR SUPPORT	**AC 570** MOBILE BAR SUPPORT	**AC 580** 90° JOINTED ROD
AC 630 / AC 640 / AC 650 ALUMINIUM RECTANGULAR BAR, RAL 9010. 3 / 4 / 5 M.	**AC 670 / AC 680 / AC 690** RED BARRIER BAR COVER 3 / 4 / 5 M	**AC 700** BARRIER COVER PLUG	**AC 710** BARRIER COVER PLUG	**AC 715** BARRIER COVER PLUG	**AC 590** 2 M CURTAIN
AC 660 REFLECTIVE ADHESIVE STRIPS	**AC 770** INTERNAL LED LIGHTS	**AC 800** 5 M LED STRIP	**AC 30** OUTDOOR ANTENNA	**AC 240** INDUCTIVE SENSOR	
DART PHOTOCELLS	**SWIFT LED** BLINKING WARNING LIGHTS	**VICTOR 2 RC** 2 CHANNEL, ROLLING CODE REMOTE CONTROL	**INDEX** KEY SELECTOR SWITCH	**TACT RADIO** DIGITAL SWITCH WITH RADIO CONTROLLED KEYPAD	**MAST 50** EXTRUDED ALUMINIUM COLUMN H 50 CM

LIMIT 600

NEW

COMUNELLO AUTOMATION

Elecromechanical 24V barrier raising systems with encoder for residential, public or industrial use
For entrances up to 6 m in width

24 VDC | **E ENCODER** | **DUAL KIT**   **LIMIT 600**   For entrances up to 6 m
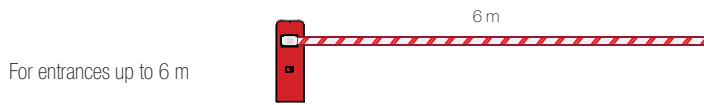
SUITABLE FOR **INTENSIVE USE**	AVAILABLE MODELS: HP ONE TECHNOLOGY	AVAILABLE FINISHES: Red Black Inox

ARTICLE	LIMIT 600 24V
Power supply	230 VAC
Operator power supply	24 VDC
Power consumption	150 W
Current input	6,2 A
Torque	300 Nm
Operating time	4 - 6 sec
Duty cycle	intensive use
Protection rating (IP)	IP44
Insulation class	2
Working temperature	-20°C / +50°C
Integrated control unit	CU 24V LT
Limit switch	Electromechanical
Encoder	Yes
Weight	65 kg

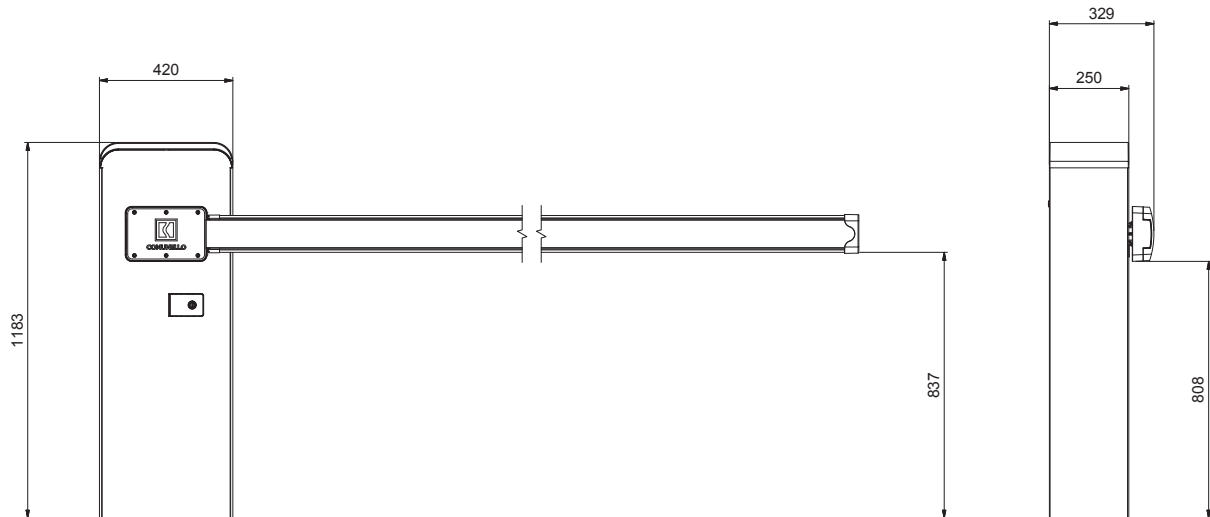| LIMIT 600 SPRING STRETCHER TOOL	ARM LENGTH (M)				
	2 m	3 m	4 m	5 m	6 m
ARM	1-2	1-2-3	3	3	3
ARM WITH IMPACT PROTECTION STRIPS AND LEDS	1-2	3	3	3	3
ARM WITH IMPACT PROTECTION STRIPS AND LEDS AND POGO END REST	1-2	3	3	3	3
ARM WITH SINGLE IMPACT PROTECTION STRIP, LEDS AND SKIRT	-	3	3	3	-
ARM WITH SINGLE IMPACT PROTECTION STRIP, LEDS, SKIRT AND POGO END REST	-	3	3	3	-

LIMIT 600

COMUNELLO
AUTOMATION

For entrances up to 6 m

6 m

For entrances up to 12 m
(6+6 m)

6 m   6 m

DUAL KIT

DIMENSIONS

420

1183

329

250

837

808

MAIN FITTINGS

AC 40 SIGNAGE TABLE	**AC 510** FOUNDATION ANCHORING KIT	**AC 541** ONE BAR SPRING	**AC 560** BAR SUPPORT	**AC 570** MOBILE BAR SUPPORT	**AC 580** 90° JOINTED ROD
AC 655 ALUMINIUM RECTANGULAR BAR, RAL 9010, 6 M	**AC 695** RED BAR COVER, 6 M.	**AC 700** BARRIER COVER PLUG	**AC 710** BARRIER COVER PLUG	**AC 715** BARRIER COVER PLUG	**AC 590** 2 M CURTAIN
AC 660 REFLECTIVE ADHESIVE STRIPS	**AC 770** INTERNAL LED LIGHTS	**AC 800** 5 M LED STRIP	**AC 30** OUTDOOR ANTENNA	**AC 240** INDUCTIVE SENSOR	
DART PHOTOCELLS	**SWIFT LED** BLINKING WARNING LIGHTS	**VICTOR 2 RC** 2 CHANNEL, ROLLING CODE REMOTE CONTROL	**INDEX** KEY SELECTOR SWITCH	**TACT RADIO** DIGITAL SWITCH WITH RADIO CONTROLLED KEYPAD	**MAST 50** EXTRUDED ALUMINIUM COLUMN H 50 CM

LIMIT 800

Elecromechanical 24V barrier raising systems with encoder for residential, public or industrial use
For entrances up to 8 m in width

COMUNELLO
AUTOMATION

24 VDC | E ENCODER | DUAL KIT

LIMIT 800   For entrances up to 8 m

| SUITABLE FOR **INTENSIVE USE** **(40%)** | AVAILABLE MODELS: HP ONE TECHNOLOGY | AVAILABLE FINISHES: Red Black Inox |

ARTICLE	LIMIT 800 24V
Power supply	230 VAC
Operator power supply	24 VDC
Power consumption	150 W
Current input	6,2 A
Torque	300 Nm
Operating time	4 - 6 sec
Duty cycle	40%
Protection rating (IP)	IP44
Insulation class	2
Working temperature	-20°C / +50°C
Integrated control unit	CU 24V LT
Limit switch	Electromechanical
Encoder	Yes
Weight	95 kg

BAR ASSEMBLY AND SPRING CHOICE	LENGTH (METERS)				
	6,0	6,5	7,0	7,5	8,0
Bar	◉	●	●	●	●
Bar with swing down support	●	●	●	●	●
Bar with joint	◉	●	●	●	●

◉ Medium spring AC 540   ● Double spring AC 550

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LIMIT 800

COMUNELLO
AUTOMATION

3 m   4 m

For entrances up to 7 m
(3+4 m)

4 m   4 m

For entrances up to 8 m
(4+4 m)

5 m   5 m

For entrances up to 10 m
(5+5 m)

DUAL KIT

DIMENSIONS

343
250
1185
839
420
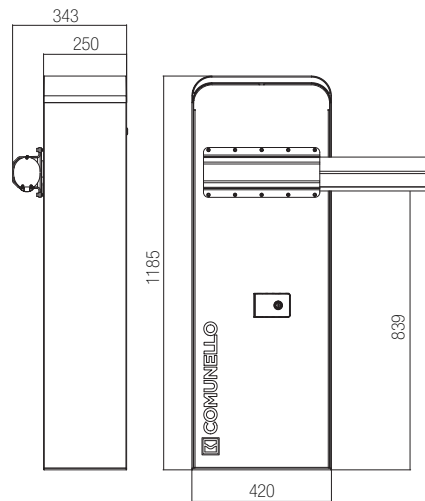
MAIN FITTINGS

AC 40
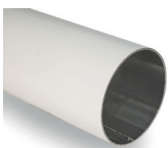SIGNAGE TABLE

AC 510
FOUNDATION ANCHORING KIT

AC 540
SPRING FOR LIGHT BAR

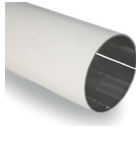**AC 550**
SPRING FOR LIGHT BAR

AC 560
BAR SUPPORT

AC 570
MOBILE BAR SUPPORT

AC 730 / AC 740 / AC 750
ROUND BAR WHITE
RAL 9010, 3 / 4 / 5 M.

AC 760
ROUND BAR JOINT

AC 590
2 M CURTAIN

AC 660
REFLECTIVE ADHESIVE STRIPS

AC 770
INTERNAL LED LIGHTS

AC 30
OUTDOOR ANTENNAA

AC 240
INDUCTIVE SENSOR

DART
PHOTOCELLS

SWIFT LED
BLINKING WARNING LIGHTS

VICTOR 2 RC
2 CHANNEL, ROLLING CODE
REMOTE CONTROL

INDEX
KEY SELECTOR SWITCH

TACT RADIO
DIGITAL SWITCH WITH
RADIO CONTROLLED KEYPAD

MAST 50
EXTRUDED ALUMINIUM COLUMN
H 50 CM

COMUNELLO
AUTOMATION

ONE TECH

1 AUTOMATIC RECO

This highly intelligent control unit can detect and identify all the peripheral accessories regardless of the terminal to which they are attached.

2 CONNECTION

With the one touch set-up it will complete a standard installation in seconds.

ON
TECHNO

3 EASY TO

ONE technology when used through the Comunello One App can provide the most complete and articulated professional set-up in remote, but also can satisfy the requirements of a less experienced installer.

Complete programming, simple,

O GNITION OF THE ACCESSORIES

All accessories have an extremely easy 2 input bus connection and can be
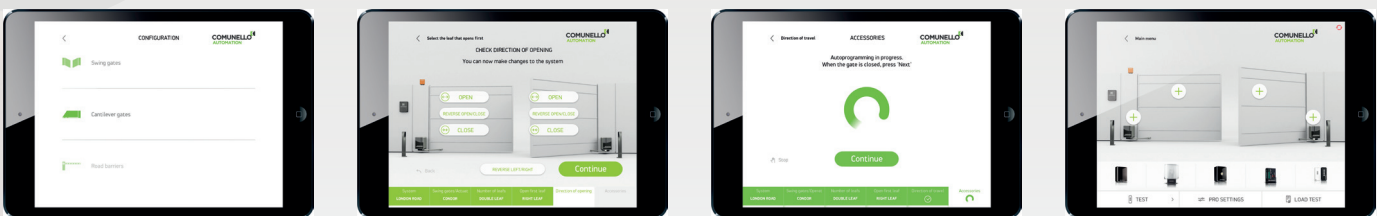connected to the bus connection area terminals in any position.

TROUGH WI-FI

:ONE
HNOLOGY

The same easy set-up
can also be achieved using the
Comunello ONE APP connected
through the K-ONE wi-fi key.

O PROGRAM

, intuitive and extremely precise!

COMUNELLO
AUTOMATION

FRATELLI COMUNELLO S.P.A.