

Life
made
easy

MOWIN[®]

COMUNELLO[®]
AUTOMATION

Automatic
made
easy

MOWIN[®] 



on

Comunello's Mowin® project is based on our long experience with mechanical movement systems for windows and gates, developed since the company was founded in 1965. With this brand new line of electromechanical actuators we remain committed to guaranteeing our renowned levels of quality and durability to our customers. The Mowin® series is stable, highly flexible and attractive with modern, refined designs. The units are suitable for a range of applications including windows, domes, skylights, brise soleil blades, curtains and shutters. They are perfectly at home in residential settings.

Harmony
of the times.
Perfect
synchrony

MOWIN[®] 





W-NET Technology



This is an innovative data transmission system that ensures actuator movements are correctly coordinated during opening and closing cycles providing perfect closing even on very wide doors and windows. The extremely accurate stroke control means that W-net guarantees immediate movement stop in the unlikely case a fault develops. Connecting the units is extremely simple as it requires no additional control units and just three wires for data transmission over an RS485 serial port. W-net can be used with between 2 and 4 motors and is fully compatible with our integrated remote control.

Mowin
open app
Infinite
future

MOWIN® 





The remote management of homes, business premises, public spaces and infrastructure has become an increasingly fundamental part of architectural and urban design projects. The Mowin Open App is a web application which exploits the flexibility and global reach of the Cloud to be compatible with all digital platforms from computers to tablets to smartphones as well as with any OS. But more than this, these systems can be managed as effectively from any part of the world as they can from any part of the house or business premises.

Domotics made easy



Sy



MOWIN^K
OPENAPP



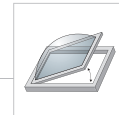
***New freedom on the horizon:** Simultaneously open and close all the windows on a single floor of buildings such as hospitals, offices, retail spaces, or even throughout your own home if there is a sudden storm, all via remote from anywhere. Our **Mowin Open App** home automation system is extremely easy to install with clear instructions and guaranteed technical support via phone or even on site. **Mowin Open App** makes everything simple and intuitive.*



Types od opening



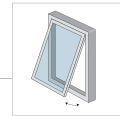
Dome



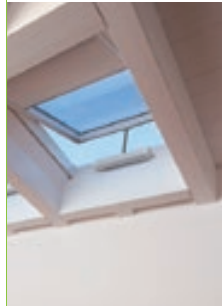
***Dome** - It is the classic horizontal opening for the ventilation of industrial buildings and is usually supported by hinges, pins or arms.*



Outward opening



***Outward opening** - Are top hung with the bottom part of the sash opening outwards. This type of window is especially suitable for indirect and draught-free ventilation that can be utilised even in inclement weather conditions.*



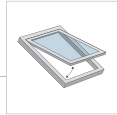
Shed



***Shed** provides a comprehensive representation of the top hung window, ensuring ample illumination and ventilation of the interior of industrial facilities, maximising the level of occupancy comfort.*



Skylight



Skylight - It's the perfect opening for ventilation and lighting under roof. Used in both residential and commercial fields.

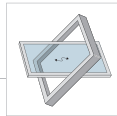


Inward opening



Inward opening are bottom hung, with the top part of the sash opening inwards. This window is especially suitable for indirect and draught-free ventilation, even in inclement weather conditions.

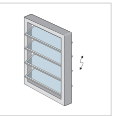
Pivot casement



Pivot casement is a window which provides a dual function. On the one hand it allows total ventilation utilising the full section of the opening, and on the other hand it allows easy cleaning because the casement can be pivoted to gain access to the exterior face.

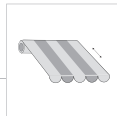


Solar shading blades



Solar shading blades - Apart from darkening the room and modulating the entry of sunlight, when the system is moved to a fully vertical position it increases the heat insulation performance of the building envelope.

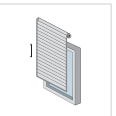
Awnings



Awnings - For the shading of large windows and external areas, the awning is the best solution and easy to install.



Roller Shutter



Roller Shutter - Apart from shielding against prying eyes, darkening interiors and filtering incoming light, when roller shutters are fully lowered they enhance thermal insulation performance.

From power to act, from opening to actuator

01 SMART



Chain actuator for opening and closing top-hung outward windows, shed, skylights and bottom-hung inward windows in wood, PVC and aluminium





02 LIWIN



Chain actuator for opening and closing top-hung outward windows, shed, skylights and bottom-hung inward windows in wood, PVC and aluminium



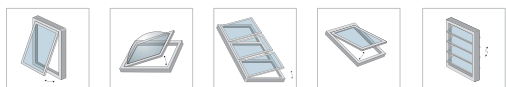
03 FAST



Spindle actuator for opening and closing top-hung outward windows, skylights, solar shading and domes



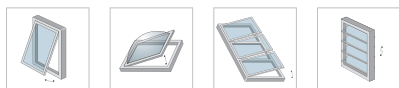
04 RAYWIN



Spindle actuator for opening and closing top-hung outward windows, skylights, solar shading and domes



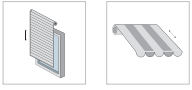
05 AIRWIN



Rack actuator for opening and closing shed top-hung outward windows, skylights, solar shading blades and domes



06 SHOWIN



Tubular motor for opening and closing roller shutters, sun awnings, blinds, sunscreens and mosquito screens



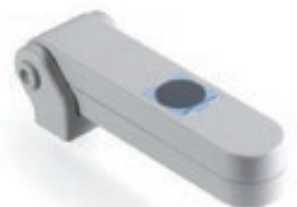
07 R-CONTROL

Remote control transmitter (434,15 MHz) can be used to activate all actuator functions over 6 channels and manage multiple groups



08 ACCESSORI

A vast range of accessories is available for all our actuators including rain, wind and sun sensors



SMART

The box contains all the parts and equipment you need to make set up and connection as easy as possible. Instruction manuals and technical information are available on our website at www.comunello.com. We also offer our Smart service to provide expert technical support by phone. The Smart actuator range are in compliance with Directives EC (EMC, LVD and R&TTE directives) as amended.

Package contents

Chain actuator provided with electric supply cable

Support brackets

Fixing brackets for top-hung and bottom-hung windows

Drilling template included

Multi-lingual user's guide



Immediate stroke setting

Quick-fastening system

Easy and quick connections

Double-link chain

A close-up of the details

SMART ACCESSORIES

FITTING FOR TOP-HUNG WINDOWS

30 pieces per pack (1,10 Kg)

- Black ML00 AA 01N 0B 00
- Grey ML00 AA 01N 0G 00
- White ML00 AA 01N 0W 00



FITTING FOR BOTTOM-HUNG WINDOWS

20 pieces per pack (1,21 Kg)

- Black ML00 AA 03N 0B 00
- Grey ML00 AA 03N 0G 00
- White ML00 AA 03N 0W 00



SUPPORT BRACKETS

20 pieces per pack (0,97 Kg)

- Black ML00 AS 01N 0B 00
- Grey ML00 AS 01N 0G 00
- White ML00 AS 01N 0W 00



SUPPORT BRACKETS FOR DORMER WINDOW

20 pieces per pack (0,76 Kg)

- Black ML 00 AS 02N 0B 00
- Grey ML 00 AS 02N 0G 00
- White ML 00 AS 02N 0W 00



SUPPORT BRACKETS HIGH VERSION

10 pieces per pack (1,94 Kg)

- Black ML00 AS 03N 0B 00
- Grey ML00 AS 03N 0G 00
- White ML00 AS 03N 0W 00



SUPPORT BRACKETS SMALL VERSION

10 pieces per pack (1,42 Kg)

- Black ML00 AS 05N 0B 00
- Grey ML00 AS 05N 0G 00
- White ML00 AS 05N 0W 00



RAIN SENSOR

1 piece (0,41 Kg)

MX00 AR 01N 0G 00

MX00 AR 01N 0T 00



WIND SENSOR

1 piece (0,30 Kg)

MX00 AR 02N 0G 00



WIND/SUN SENSOR

1 piece (0,30 Kg)

MX00 AR 02N 0T 00

1 OUTLET MOTOR CONTROL UNIT WITH OR WITHOUT BUILT-IN RECEIVER

(230 Vac) 1 piece (0,22 Kg)

MX00 AU 02H 0W 00

With receiver

MX00 AU 03H 0W 00

Without receiver



LIWIN

The box contains all the parts and equipment you need to make set up and connection as easy as possible. Instruction manuals and technical information are available on our website at www.comunello.com. We also offer our Liwin service to provide expert technical support by phone. The Liwin actuator range are in compliance with Directives EC (EMC, LVD and R&TTE directives) as amended.

Package contents

Chain actuator provided with electric supply cable

Support brackets

Fixing brackets for top-hung and bottom-hung windows

Drilling template included

Multi-lingual user's guide



Immediate stroke setting

Quick-fastening system

Easy and quick connections

Double-link chain

A close-up of the details

LIWIN ACCESSORIES



FITTING FOR TOP-HUNG WINDOWS

30 pieces per pack (1,10 Kg)

■ Black	ML00 AA 01N 0B 00
■ Grey	ML00 AA 01N 0G 00
□ White	ML00 AA 01N 0W 00
■ Ivory	ML00 AA 01N 1W 00



FITTING FOR BOTTOM-HUNG WINDOWS

20 pieces per pack (1,21 Kg)

■ Black	ML00 AA 03N 0B 00
■ Grey	ML00 AA 03N 0G 00
□ White	ML00 AA 03N 0W 00
■ Ivory	ML00 AA 03N 1W 00



SUPPORT BRACKETS

20 pieces per pack (0,97 Kg)

■ Black	ML00 AS 01N 0B 00
■ Grey	ML00 AS 01N 0G 00
□ White	ML00 AS 01N 0W 00
■ Ivory	ML00 AS 01N 1W 00



SUPPORT BRACKETS FOR DORMER WINDOW

20 pieces per pack (0,76 Kg)

■ Black	ML 00 AS 02N 0B 00
■ Grey	ML 00 AS 02N 0G 00
□ White	ML 00 AS 02N 0W 00



SUPPORT BRACKETS HIGH VERSION

10 pieces per pack (1,94 Kg)

■ Black	ML00 AS 03N 0B 00
■ Grey	ML00 AS 03N 0G 00
□ White	ML00 AS 03N 0W 00



SUPPORT BRACKETS SMALL VERSION

10 pieces per pack (1,42 Kg)

■ Black	ML00 AS 05N 0B 00
■ Grey	ML00 AS 05N 0G 00
□ White	ML00 AS 05N 0W 00



RAIN SENSOR

1 piece (0,41 Kg)

MX00 AR 01N 0G 00

MX00 AR 01N 0T 00



WIND SENSOR

1 piece (0,30 Kg)

MX00 AR 02N 0G 00



WIND/SUN SENSOR

1 piece (0,30 Kg)

MX00 AR 02N 0T 00



1 OUTLET MOTOR CONTROL UNIT WITH OR WITHOUT BUILT-IN RECEIVER

(230 Vac) 1 piece (0,22 Kg)

MX00 AU 02H 0W 00

With receiver

MX00 AU 03H 0W 00

Without receiver



FAST

The box contains all the parts and equipment you need to make set up and connection as easy as possible. Instruction manuals and technical information are available on our website at www.comunello.com. We also offer our Fast service to provide expert technical support by phone. The Fast actuator range are in compliance with Directives EC (EMC, LVD and R&TTE directives) as amended.

Package contents

Rod type actuator provided with electric supply cable

Anchor bracket and adjusting screws

Fixing bracket for top-hung windows and domes

Multi-lingual user's guide



Quick-fastening system

Easy and quick connections

Adjustable fixing system placd on the track



FAST ACCESSORIES

SUPPORT BRACKETS

10 pieces x pack (1,60 Kg)

MFAS01 01N 0G 00 *White galvanized*



FITTING FOR WINDOWS

30 pieces x pack (2,05 Kg)

MR00 AA 01N 0G 00 *White galvanized*



RAIN SENSOR

1 piece (0,44 Kg)

MX00 AR 01N 0G 00

MX00 AR 01N 0T 00



WIND SENSOR

1 piece (0,30 Kg)

MX00 AR 02N 0G 00



WIND/SUN SENSOR

1 piece (0,30 Kg)

MX00 AR 02N 0T 00



1 OUTLET MOTOR CONTROL UNIT WITH OR WITHOUT BUILT-IN RECEIVER

(230 Vac) 1 piece (0,22 Kg)

MX00 AU 02H 0W 00

With receiver

MX00 AU 03H 0W 00

Without receiver



RAYWIN

The box contains all the parts and equipment you need to make set up and connection as easy as possible. Instruction manuals and technical information are available on our website at www.comunello.com. We also offer our Raywin service to provide expert technical support by phone. The Raywin actuator range are in compliance with Directives EC (EMC, LVD and R&TTE directives) as amended.

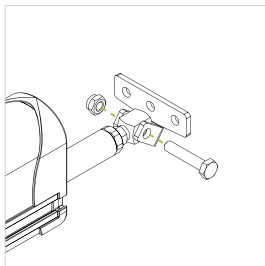
Package contents

Rod type actuator provided with electric supply cable

Anchor bracket and adjusting screws

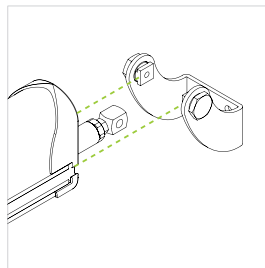
Fixing bracket for top-hung windows and domes

Multi-lingual user's guide



Immediate stroke setting

Anchorage point



Adjustable fixing system placed on the track



RAYWIN ACCESSORIES

SUPPORT BRACKETS

10 pieces x pack (1,60 Kg)

MR00 AS 01N 0G 00 *White galvanized*



FITTING FOR WINDOWS

30 pieces x pack (2,05 Kg)

MR00 AA 01N 0G 00 *White galvanized*



RAIN SENSOR

1 piece (0,44 Kg)

MX00 AR 01N 0G 00

MX00 AR 01N 0T 00



WIND SENSOR

1 piece (0,30 Kg)

MX00 AR 02N 0G 00



WIND/SUN SENSOR

1 piece (0,30 Kg)

MX00 AR 02N 0T 00

1 OUTLET MOTOR CONTROL UNIT WITH OR WITHOUT BUILT-IN RECEIVER

(230 Vac) 1 piece (0,22 Kg)

MX00 AU 02H 0W 00

With receiver

MX00 AU 03H 0W 00

Without receiver



AIRWIN

The box contains all the parts and equipment you need to make set up and connection as easy as possible. Instruction manuals and technical information are available on our website at www.comunello.com. We also offer our Airwin service to provide expert technical support by phone. The Airwin actuator range are in compliance with Directives EC (EMC, LVD and R&TTE directives) as amended.

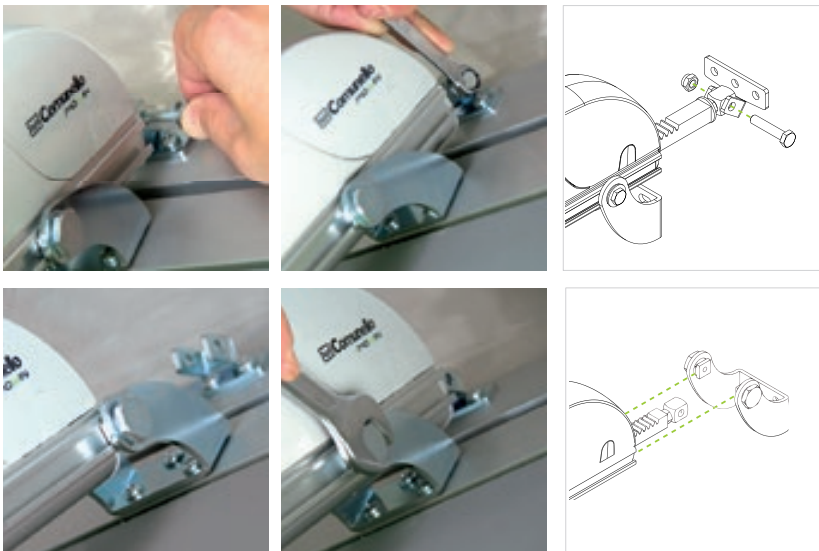
Package contents

Rack type actuator provided with electric supply cable or mechanical actuator

Anchor bracket and adjusting screws

Fixing bracket for top-hung windows and domes

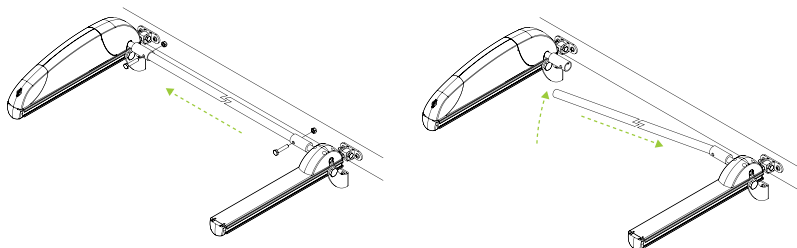
Multi-lingual user's guide



Anchorage point

Adjustable fixing system placed on the track

Union of more thrust points



Highest mechanical resistance to torsion



AIRWIN ACCESSORIES

01 SUPPORT BRACKETS

10 pieces x pack (1,60 Kg)

MR00 AS 01N 0G 00 *White galvanized*

02 ATTACCO PER FINESTRE / FITTING FOR WINDOWS

30 pieces x pack (2,05 Kg)

MR00 AA 01N 0G 00 *White galvanized*

04 BOCCOLE / COLLARS

10 coppie x pack (1,10 Kg)

MA00 XX 02N 0G 00 *White galvanized*

03 CONNECTION BAR

MA00 AB 01N 0G 00 L= 895 mm *for 1000 mm centre distance. White galvanized*
10 pcs x pack (6,20 Kg)

MA00 AB 02N 0G 00 L= 1395 mm *for 1500 mm centre distance. White galvanized*
10 pcs x pack (9,60 Kg)

MA00 AB 03N 0G 00 L= 1895 mm *for 2000 mm centre distance. White galvanized*
10 pcs x pack (13,10 Kg)

MA00 AB 04N 0G 00 L= 2395 mm *for 2500 mm centre distance. White galvanized*
10 pcs x pack (16,60 Kg)

MA00 AB 05N 0G 00 L= 2985 mm *for 3000 mm centre distance. White galvanized*
10 pcs x pack (20,00 Kg)



RAIN SENSOR

1 piece (0,44 Kg)

MX00 AR 01N 0G 00

MX00 AR 01N 0T 00



WIND SENSOR

1 piece (0,30 Kg)

MX00 AR 02N 0G 00



WIND/SUN SENSOR

1 piece (0,30 Kg)

MX00 AR 02N 0T 00



1 OUTLET MOTOR CONTROL UNIT WITH OR WITHOUT BUILT-IN RECEIVER

(230 Vac) 1 piece (0,22 Kg)

MX00 AU 02H 0W 00

With receiver

MX00 AU 03H 0W 00

Without receiver



SHOWIN

Tubular motor for opening/closing roller shutters, sun awnings, blinds, sunscreens and mosquito screens

Opening e clo with elegance



sing



Opening



Technical characteristics

- **Diameter: 35, 45, 59 mm**
- **Max torque: 6, 10, 20, 30, 40, 50, 80, 100 Nm**
- **Tensions: 230VAC 50Hz**
- *Radio version compatible with R-Control (434,15 Mhz)*
- *Fixing accessories not included, available according to application*



MOWIN® 

SHOWIN

Tubular motor for opening and closing roller shutters, sun awnings, blinds, sunscreens and mosquito screens.



S35

6N
10N

S45

10N
20N
30N
40N
50N

S45 C/RIC

20N
30N
40N
50N



S45 M/S

20N
30N
40N
50N

S59

80N
100N

S59 M/S

80N
100N

S = Mechanical limit switch

C/RIC = Mechanical limit switch with radio receiver

M/S = Mechanical limit switch and manual overdrive

RAIN SENSOR

1 piece (0,44 Kg)

MX00 AR 01N 0G 00



MX00 AR 01N 0T 00



WIND SENSOR

1 piece (0,30 Kg)

MX00 AR 02N 0G 00



WIND/SUN SENSOR

1 piece (0,30 Kg)

MX00 AR 02N 0T 00



1 OUTLET MOTOR CONTROL UNIT WITH OR WITHOUT BUILT-IN RECEIVER

(230 Vac) 1 piece (0,22 Kg)

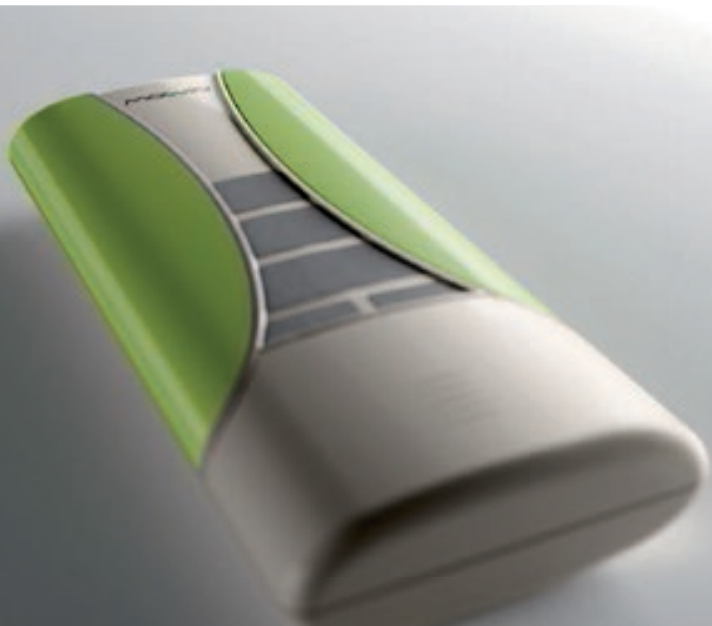
MX00 AU 02H 0W 00

With receiver



MX00 AU 03H 0W 00

Without receiver



MOWIN®

R-Control 1-6 channel

Mowin® R-Control is the transmitter remote control (434,15 Mhz) able to activate all automations on 6 channels and to manage multiple groups. A stylish and design object, available in many different colours and suitable for any home environment.



R1 White
R6 White

R1 Yellow
R6 Yellow

R1 Green
R6 Green

R1 Blue
R6 Blue

R1 Grey
R6 Grey

R1 Orange
R6 Orange

MOWIN[®]

COMUNELLO[®]
AUTOMATION

 **COMUNELLO**

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