

GIESSE **VARIA MULTIPOINT**

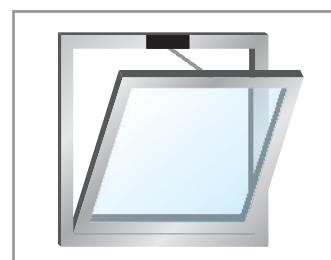
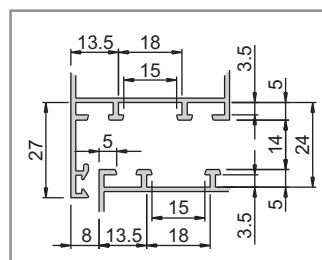
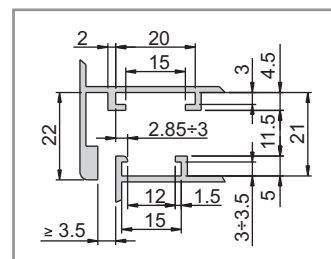
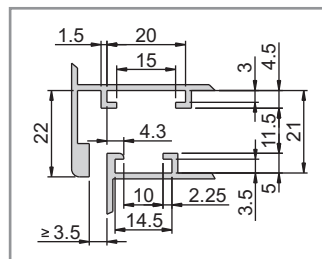
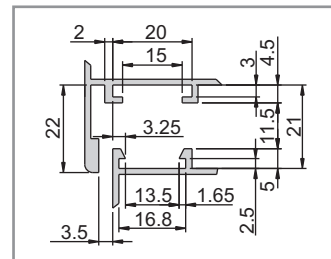
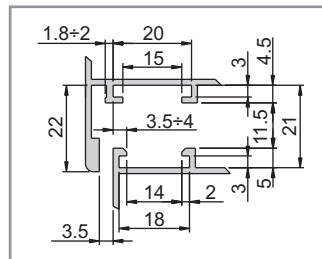
The convenience of automatic fastening
the safety of traditional fastening



Multi-point mechanical fastening system that can be installed on chain operators on BOTTOM-HUNG windows

Fields of application

Varia Multi is an innovative system designed by Giesse to provide large motorized bottom-hung windows with guaranteed seal, and therefore safety. Applicable to all series of profiles referable to the profile pair cross-sections shown at the side.

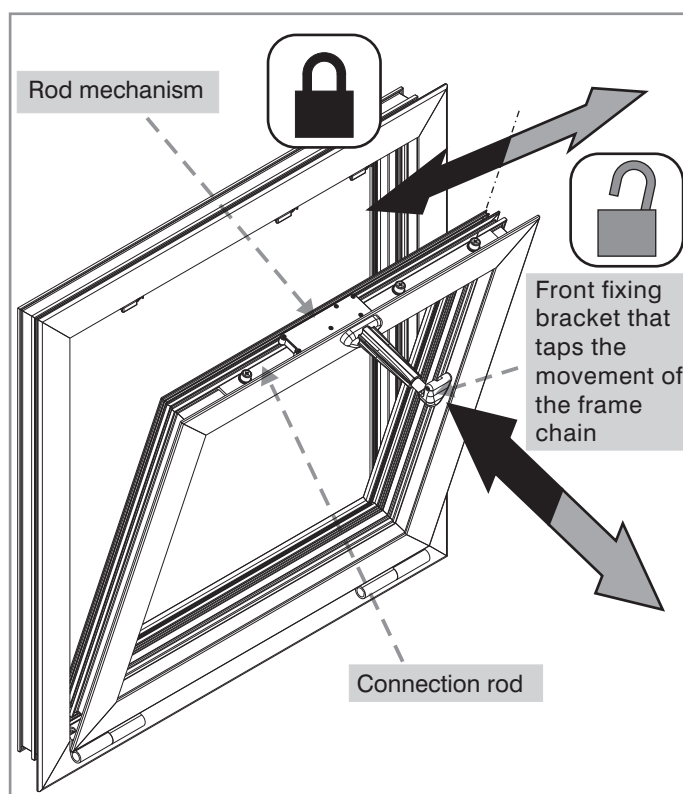


Specifications

Mechanism made up of a system of levers operated by a pin inserted inside the front fixing bracket of the chain that pulls the rod in a one-way movement by utilising the movement of the chain itself.

When the operator is actuated to open, first the pin and levers are forced to move, with consequent movement of the rod and release of the fastening mechanisms, in this way allowing the window to open.

The opposite effect is achieved when the operator is actuated to close. The chain approaches the sash when it returns and then, as the action continues, squeezes the pin with consequent locking of the fastening mechanisms.



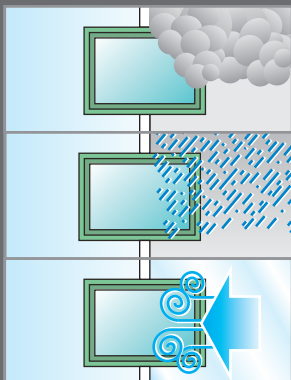
Varia MULTIPOINT

Strong points

1

Guaranteed seal

With the lock achieved with beams and pawls, it is possible to get a guaranteed seal against air, water and wind classifiable according to the current EC standards.



2

Utmost installation simplicity

Varia Multipoint is in line with the work practices of the window maker. The lock points are made using rods, corner cleats and pawls as for a normal window.



3

Complete pack

All fixing fittings are put inside the pack together.



4

Inexpensive system

Varia Multi lets you achieve a quality fastening on all four sides with just one automation.

Maximum attention to details and materials

The multi-point mechanism was designed paying special attention to the choice of materials in order to ensure longest lifetime possible.



5

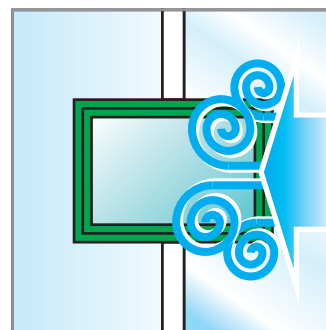
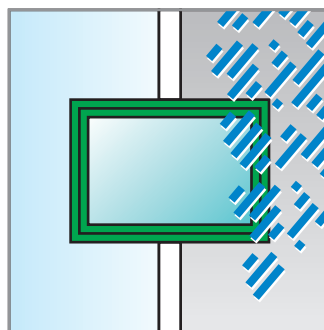
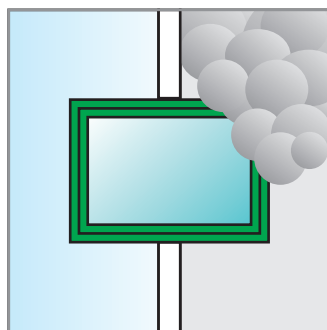
Varia MULTIPOINT

Guaranteed seal

The ideal solution for guaranteeing seal on motorized bottom-hung windows

With Varia Multipoint it is finally possible to get a perimeter lock on the 4 sides. This makes the automated opening certifiable for air-water and wind seal

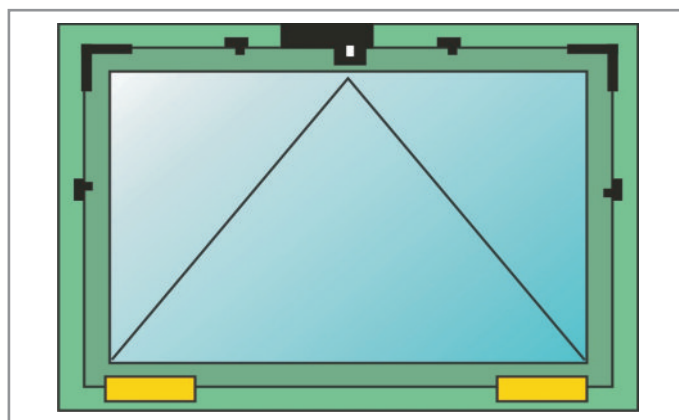
The seal during closing in motorised bottom-hung windows is provided only by the traction of the chain of the operator. Even if it is ensured by the irreversibility of the motor, one single central point cannot protect the window from possible flexures - and therefore from a poor seal - when closing.



Varia MULTIPOINT

Utmost installation simplicity

An absolutely brand-new, easy to install system that uses the same elements for fastenings as a cremone bolt-operated side-hung window. Rods, pawls and strikers, together with the Varia chain operator, are the ideal solution for guaranteeing the seal of motorised bottom-hung windows



Complete pack

*The minimum fastening mechanism configuration is always provided in the pack:
1 chain operator
1 window fitting
1 multi-locking kit*

Based on the characteristics of the window, it is possible to get higher levels of performance (following the assembly instructions) using the following Giesse price list codes:

- Rods
- Pawl and strikers
- Safety arms or
- Tilt and Turn arms



Varia MULTIPOINT

Inexpensive system

The best solution for any type of motorised bottom-hung window

The present range enables the motorisation and safe closing of bottom-hung windows of various sizes, with specific solutions for sash sealing and load capacity needs

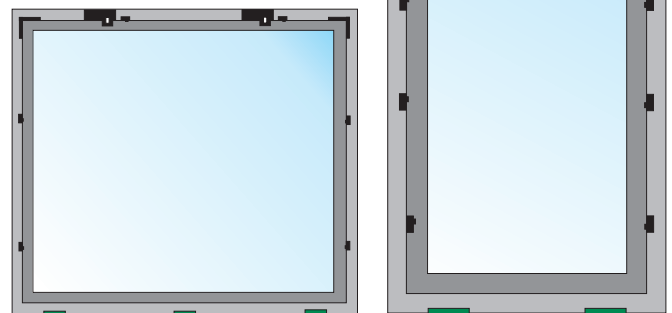
Varia T Multipoint

The new kit makes it possible to use the Multilock system for bottom-hung windows on installations which, due to their size or weight, are not compatible with the Varia Multi.

The use of two motors on the same frame enables the movement of very wide bottom-hung windows, guaranteeing stable opening and locking. In case of need for air, water and wind seal with excellent performance, certifiable according to the standards, the limiter arms can be replaced with those of the FUTURA Tilt-and-Turn



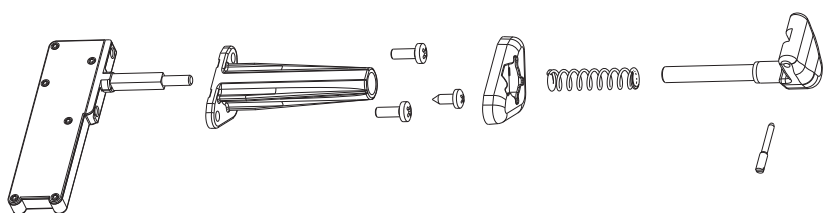
which, allowing passage of the rod for its entire length, ensure full perimeter locking.



Maximum attention to details and materials

Steel internal mechanism system, filled nylon guide and cover for preventing friction

Screw cover for an attractive appearance

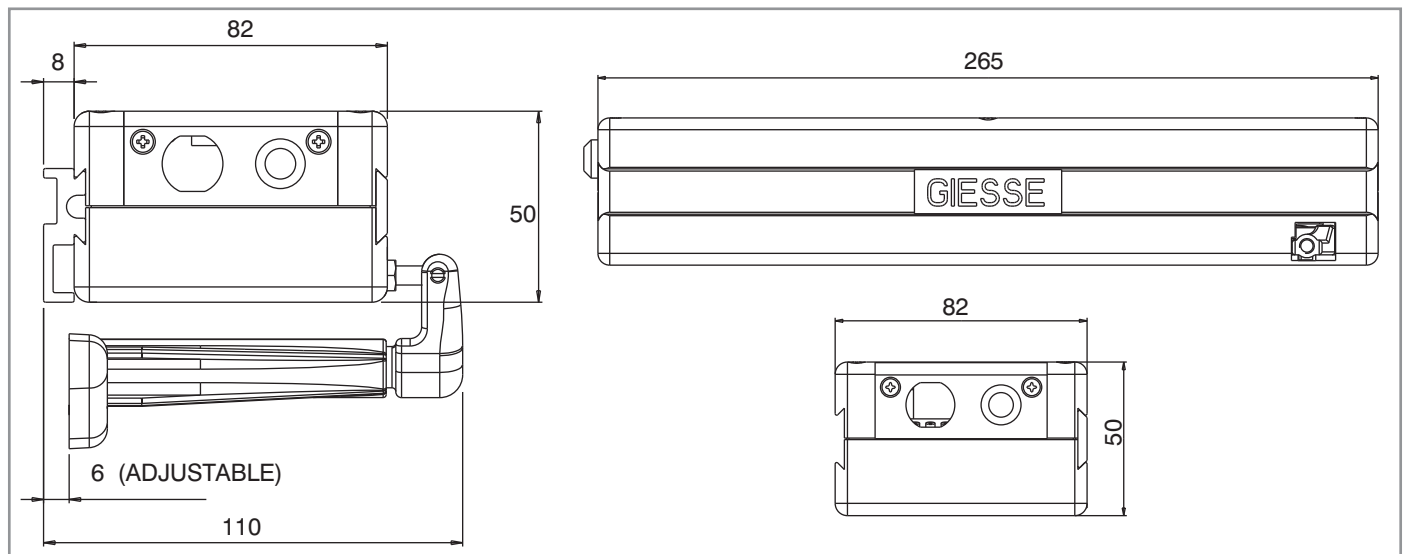


Parts	Material
Lower bracket	Nylon
Upper bracket	Steel + Nylon
Counter spring	Steel
Special pawl	Die-cast zamak
Fixing pin	Steel
Cover for lower bracket	Nylon
Adhesive template	Adhesive paper
Fixing screws	Galvanised steel

Parts	Material
Bottom container	Die-cast zamak
Container cover	Die-cast zamak
Control guide	Nylon
Primary lever	Steel
Drive lever	Steel
Thrust slider	Steel
Pins	Steel

Varia MULTIPOINT

Dimensions and Load Capacities



Applications and load capacities

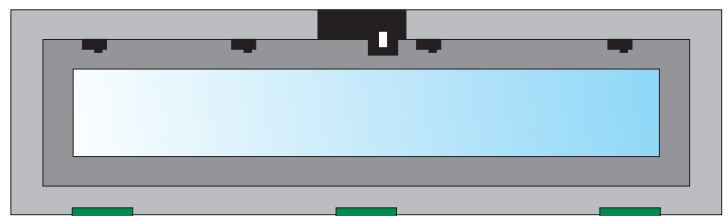
Higher performance levels can be obtained according to the characteristics of the window. The assembly instructions give all the indications for combining the automation in the most correct way in relation to the sizes and consequent load capacities.

Given below are several examples as a guide for the best choice in relation to the shape of the frame, the use of 1 or 2 motors and the maximum possible load capacities.

BOTTOM-HUNG HORIZONTAL WINDOW

Max. height	1,300
Max. width	2,300
Weight kg:	70

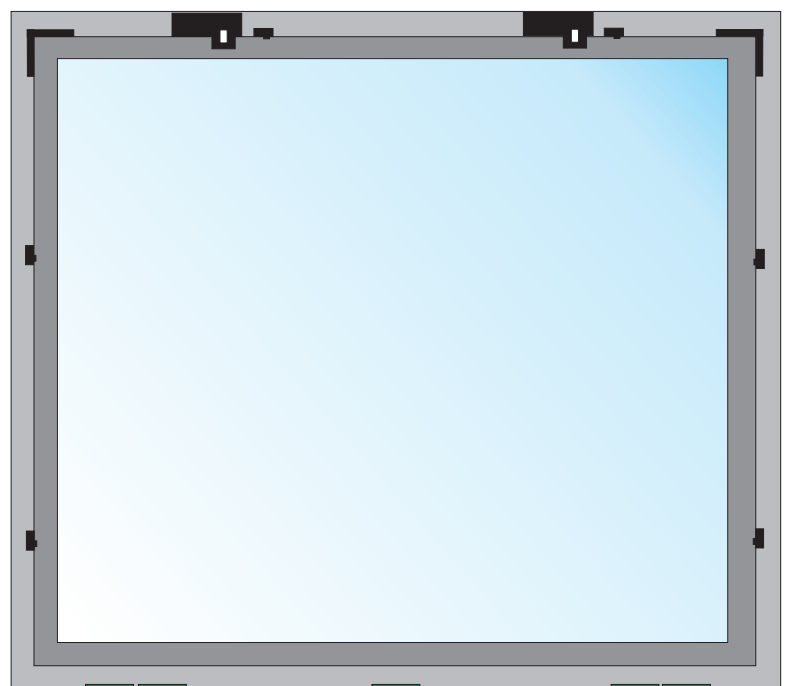
1 Varia Multipoint
3/4 upper lock points
3 hinges
Safety arms



BOTTOM-HUNG WINDOW

Max. height	2,000
Max. width	2,500
Weight kg:	130

2 Varia T Multipoints
6 lock points (pawls + strikers)
2 corner cleats
5 hinges
Tilt-and-Turn arms



Varia MULTIPOINT

TECHNICAL DATA Summary

	Varia - Varia T Multipoint
POWER SUPPLY VOLTAGE	230 V c.a.
THRUST FORCE	150 N
DRIVE FORCE	300 N
STROKES ADJUSTABLE every 12 mm	from 90 to 400 mm
TRAVEL SPEED	40 mm/sec.
FRONT ADJUSTMENT	Max. 10 mm
PARALLEL CONNECTION	YES
CONSUMPTION	150 W
CURRENT	0.8A
FREQUENCY	50 Hz
THERMAL PROTECTION	120° C
CONDENSER	4 micro Farad
RELAY INCLUDED	YES
LAMP indicating LIMIT SWITCH	YES
REMOVABLE TERMINAL BLOCK	YES
PROTECTION RATING	IP 20
OPERATING TEMPERATURE	- 20° C / + 70° C
COLOURS AVAILABLE	Black



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