

Press release

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Four different versions in one Parallel Tilt&Slide system / Minimum complexity: many identical parts, rapid processing / Night ventilation: concealed and secured in line with RC 2 / Ready for smart home / Comfort without compromises / Optimally coordinated hardware and seal

“Roto Patio Alversa” – Minimal. Universal.

Leinfelden-Echterdingen – One Tilt&Slide and three Parallel Sliding solutions including different ventilation functions for sash weights from 160 to 200 kg in all frame materials – this is what the “Roto Patio Alversa” universal hardware has to offer.

Ultimate efficiency

Its intelligent design makes the product range a real cost-saver. A large number of identical parts make the sliding system popular especially with manufacturers who produce their Tilt&Turn elements with “Roto NX” or “Roto AL”, as the universal central locking system in the “Alversa” comes from these Tilt&Turn systems.

Minimum complexity

The roller units, sliding scissor stays and track sets can be used for multiple versions. This means greater standardisation and fewer parts, which significantly reduces a window manufacturer’s storage and logistics costs. The modular system design means all four versions can be produced on one and the same production line. Changing the “Alversa” hardware version does not require any or only minor conversions in production, as only individual components have to be replaced. According to Roto, this is the key aspect in producing all four versions as economically as possible.

Night ventilation: concealed and secured in line with RC 2

The most popular version for even air circulation in living areas while keeping them secure is the “Roto Patio Alversa | PS” Parallel Sliding solution. This is because it offers concealed night ventilation which cannot be seen from the outside. Even when the sliding sash is open in the ventilation position, with a gap all round, it still looks like it is locked. And that’s not all: when retracted in parallel and opened to create a gap, the sash is equipped to be burglar inhibiting in accordance with RC 2 thanks to the use of special strikers.

RC 2 possible with any type of ventilation

The three other versions of the sliding system are also secure in accordance with the RC 2 resistance class: the “Alversa | KS” Tilt&Slide solution and the two “Alversa | PS Air” and “Alversa | PS Air Com” Parallel Sliding solutions. All three of these allow for ventilation with the sash tilted.

Alongside the robust security strikers with multiple screw connections, burglary inhibition is ensured on all four versions by other components that window manufacturers are already familiar with from the Tilt&Turn hardware portfolio: security mushroom locking cams installed around the frame, a lockable handle and concealed drilling protection installed in the groove on the outside. The “V” security mushroom locking cams are adjustable in terms of height and gasket compression.

Where there are increased requirements for security, electronic components from the “Roto E-Tec Control” range can additionally be used. The sensors of this magnetic locking and opening monitoring system are positioned below the security strikers.

**Ideal where users frequently change: “Alversa | PS”**

Following the basic principle of minimalist universality, the sash element in the “Alversa | PS” Parallel Sliding solution is operated in the same way as a Tilt&Turn window: the sequence is intuitive and therefore extremely user-friendly. The 200 mm long handle lever is operated in the same way as that of a Tilt&Turn window. As a result, this version as a sliding system is perfect for buildings where users frequently change.

Comfort without compromises

The ball bearing rollers made from high-quality, low-wearing PVC ensure that the sliding sash in all four versions moves quietly with maximum protection for the system. Their run-in and run-out characteristics are additionally optimised by special damping elements. Anti-jemmy protection is integrated in all roller units.

The handles, track sets and cover caps for the “Alversa” are available in a wide range of colours, thereby perfectly meeting the requirements for design and flexibility in the room and building concept.

Ready for smart home

“Roto Patio Alversa” can be digitally extended by including “Roto Com-Tec”. Its sensors detect any manipulation of the sliding element and can also notify homeowners via push message depending on the smart home system used. The “Comfort” and “Comfort S” “Com-Tec” sensors identify the position of the sliding sash and indicate whether it is securely locked. The sensors are positioned on the corner drive in such a way that they are concealed and wear is minimised, which helps ensure they work reliably for a long time to come.

Optimally coordinated hardware and seal

Window manufacturers around the world are not only able to purchase the sliding system from Roto, but high-quality sealing profiles for the “Alversa” too. Hardware technology and seals can be optimally coordinated with each other to achieve a perfect match for the specific application.

Anyone who wants more detailed information about “Roto Patio Alversa” can find this at ftt.roto-frank.com/en/alversa or while visiting the “Roto City” virtual consultation platform.

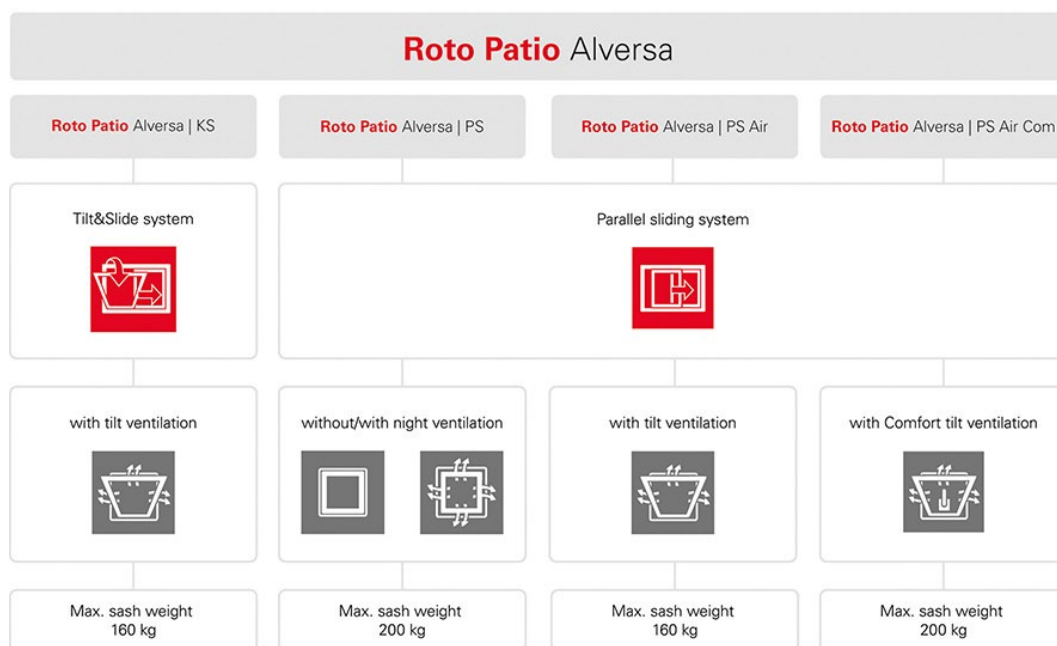
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The most popular version for even air circulation in a room while keeping it secure is the "Roto Patio Alversa | PS" Parallel Sliding solution. It offers night ventilation which cannot be seen from the outside, is operated in the same way as a Tilt&Turn window and ensures burglary inhibition in accordance with the RC 2 resistance class.

Image: Roto Fenster- und Türtechnologie

Roto_Patio_Alversa_PS.jpg



As universal hardware for minimum complexity in Parallel Sliding and Tilt&Slide system, "Roto Patio Alversa" offers four different versions in one system.

Image: Roto Fenster- und Türtechnologie

system_overview_Roto_Patio_Alversa.jpg

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Publisher: Roto Frank Fenster- und Türtechnologie GmbH • Wilhelm-Frank-Platz 1 • 70771
Leinfelden-Echterdingen • Germany • Phone +49 711 7598 0

Point of contact: Sabine Barbie • sabine.barbie@roto-frank.com • Phone +49 711 7598 2514