

Roto AluVision T600

The top model for large aluminium windows



AluVision T600



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Ultimate functionality. Perfect aesthetics

Roto: Pioneers in the aluminium sector.

Roto aluminium hardware systems for windows and doors combine state-of-the-art technology with maximum security as well as appealing aesthetics. The modular design principle enables it to be integrated in almost all conventional profile systems. Due to the use of corrosion-resistant materials, the hardware lasts longer and offers a high level of resistance against environmental influences. It's no wonder that aluminium windows with Roto fenestration technology are highly regarded all over the world.

Roto AluVision. Discover the progress.

AluVision is the name for the new aluminium competence from Roto. What is behind all this? We want to make window fabrication even easier for you. Roto AluVision sets new benchmarks for fabrication friendliness and economic efficiency. Secondly, we have realigned and extended our product range. With this, you can react more flexibly to the market requirements. Excellent example: Roto AluVision T600 – The top model for large aluminium windows. The "T" in the product name stands for "Tilt&Turn" – and also covers Turn-Only and Tilt-Only applications

Roto AluVision T600: Beauty from its best side.

The requirements placed by planning engineers and property developers on the aesthetics and functionality of windows is growing. In project business more and more large window sizes are in demand. At the same time, requirements for aesthetical shapes and slimline profile is growing. The less one sees of the fenestration technology involved, the better. Roto AluVision T600 meets these demands – as a fully concealed hardware system for large aluminium windows with a sash weight of up to 130 kg.

**Discover the possibilities
with Roto AluVision T600.**

Fully concealed up to 130kg Because beautiful big rooms need beautiful big windows

Nothing detracts from the window's aesthetics.

Regarding design and functionality Roto AluVision T600 sets new standards with a fully concealed hinge-side. That is to say, no visible hinges from the outside, nothing detracts from the window's aesthetics. All components are fully integrated in the window frame and sash. Roto AluVision T600 is definitely the most elegant, concealed hardware system for large aluminium windows.



Large opening angle of 100 degrees.

Others also offer concealed hinge sides. However you'll find it hard to find a window opening distance that's larger than 90°. Roto AluVision T600 provides a wider opening. You can open the large aluminium windows up to a maximum angle of 100 degrees, enabling an unrestricted view. Further design-related advantage: Unlike conventional concealed aluminium hardware, Roto AluVision T600 enables the sash to open fully, which results in a clear, unobstructed view.

Conventional aluminium window with visible hinges



Aluminium window with Roto AluVision T600 and concealed hinges





Large sash weights of up to 130 kg are not a problem!

Large sashes or soundproofed glass surfaces are aesthetically beautiful, but they are also heavy. Sash weights of over 100 kg are not uncommon. Unobtrusive hardware is therefore in demand for these “elegant heavyweights”. The solution: Roto AluVision T600 – the completely concealed hardware system for large and heavy aluminium windows up to 130 kg. Your advantage: only one additional special component (also invisible from the outside), is enough to achieve the highest weight stability in conjunction with the standard hardware.



High level of security for Burglary Resistance Grade 2
by means of adjustable security cams

Small components create large security reserves.

Roto AluVision T600 provides excellent burglary protection for concealed hardware. By integrating it into the modular T540 locking system, a high level of - also retrofittable - security is possible (up to BRG2 in accordance with DIN EN 1627-1630). The small compact pivot rest provides a lot of space for additional security components and warrants increased anti-jemmy protection.

All-round top design

The result: easy installation and extra long durability

Ultimate corrosion protection by means of the unique surface-finish: RotoSil Nano.

Regarding durability, Roto focuses on high-quality, part hardened and tempered types of steel. Roto again confirms its claim as leaders in fenestration technology with the innovative surface coating, RotoSil Nano. Tiny Nano particles create a surface treatment that is equipped not only with optimal corrosion protection (corrosion grade 4), but also unique self-healing properties. This new surface treatment technology is available as standard on the new hinge-side components at no additional charge. Quality is Roto AluVision's first priority.



Less parts, less installation time.

Roto AluVision T600 uses the AluVision T540-10 central locking system. This has a lot of advantages: The smaller variety of components reduces the stock space required and this reduces costs. The pivot rest is designed in such a manner that one can do without drilling or milling in the frame. All hinge-side components are clamped on the frame and sash; simplifying installation and reducing installation times. In addition to that there is the convenient adjustment: Roto AluVision T600 can be installed and adjusted with max. 2 tools. The adjustment levels are clearly marked. Interesting for the user: integrated lubrication depots provide permanent lubrication, reduce wear and tear and makes the top model among aluminium hardware low-maintenance and smooth running.

Easy adjustment on the sash stay
by means of a double-hexagon-head screw and 4mm Allen key



Various adjustment possibilities
Straightforward lateral and height adjustment on the corner hinge



No danger of catching your fingers!
The narrow gap on the hinge-side reduces the risk of catching your fingers





RotoLine
Escutcheonless
window handle

**Handle technology that fulfils
all your customers' wishes.**

Roto also demonstrates its competence with handles: Apart from the well-proven RotoLine geared handles - lockable or Tilt-First - Roto also offers you a flush encased gearbox combined with the elegant, escutcheonless RotoLine handle for Roto AluVision T600. This not only provides completely new window aesthetics, but can be coordinated with the window profile. All RAL colours and special colours can be implemented.



RotoLine
Window handle

Perfect for all opening types.

All hardware versions are possible with Roto AluVision T600: Tilt&Turn, Turn-Only, Tilt-Only, French windows and Tilt-First with sash weights of up to maximum 130 kg.

**An overview of your advantages
with Roto AluVision T600:**

- Fulfils the highest requirements placed on function and design
- Less installation time and expense
- Small compact components
- Large opening angle
- High maximum sash weight
- Unique RotoSil Nano surface-finish



RotoLine
geared-handle



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