

SKYLINE DRIVE | series 78 Modern with embedded track

MINIMALIST MOTORIZED TIMBER LIFT AND SLIDE SYSTEM with double glazing

Skyline Drive is Carminati's motorized lift-and-slide system from the Skyline Minimal Frames collection, designed to combine minimalist aesthetics, technological innovation, and maximum ease of use. Thanks to a sophisticated concealed motorization system integrated within the frame, the opening and closing of large glazed surfaces can be operated via push button, remote control, or smart home integration, ensuring comfort and convenience even for exceptionally large and heavy sashes.

Defined by the collection's signature **ultra-slim 37 mm profiles**, Skyline Drive maximizes glazed surface area and natural light, creating seamless visual continuity between interior and exterior spaces. The system delivers high performance in terms of thermal insulation, security, and reliability, integrating sensors, anti-burglary devices, and intelligent access management.

Thanks to the recessed track sliding system, the horizontal rail and vertical mullion share the same section, ensuring strict visual continuity and expressing a highly refined formal language.

Carminati patented technology

The Skyline sliding system with recessed floor track is the result of a patent developed in 2012. The fiberglass guide, manufactured as a single monolithic block, integrates both the rail and the sliding system, ensuring strength and long-term durability. A flexible sealing strip protects the track cavity from dust and impurities, maintaining smooth and effortless movement over time. This solution enables the easy operation of even very large sashes, with minimal visual impact. The recessed track creates a flush, level continuity between interior and exterior spaces, improving comfort and architectural quality. Each lift-and-slide system is made to measure: our technical department is available to develop the most suitable solution for the project's requirements, going beyond standard dimensional limits.

Technical specifications – Skyline Drive series 78 Modern

Visible sash thickness	37x78 mm	Ug value	1.0 W/m²K
Fixed frame profile	45x184 mm	Hardware burglar resistance classification	RC2 (RC3 on request)
Minimum standard glazing	33.1/24/33.1 Argon + Low-E	Maximum sash dimensions and weight	6000x3000 mm manual opening < 400 kg motorized opening with steel accessories 400 kg < 700 kg
Water tightness	Class 9A (EN 12208)	Sample size	4000x3000 mm
Air permeability	Class 4 (EN 12207)		
Wind resistance	Class C1 (EN 12210)		
Frame thermal transmittance (Uf)	2,15 W/m²K (fir) 2,55 W/m²K (oak)		
Overall window thermal transmittance (Uw)	1,18 W/m²K (fir) 1,22 W/m²K (oak)		

Finishes and customization

Each system is manufactured in-house with artisanal precision and made to measure. Skyline Drive is available in laminated timber (spruce, oak, larch, and Sapelli mahogany among the most commonly used species), or in a timber-metal version with external cladding in aluminium, steel, or bronze. The wide range of wood species and finishes allows the system to be adapted to any high-end residential or contract project.

Designed for

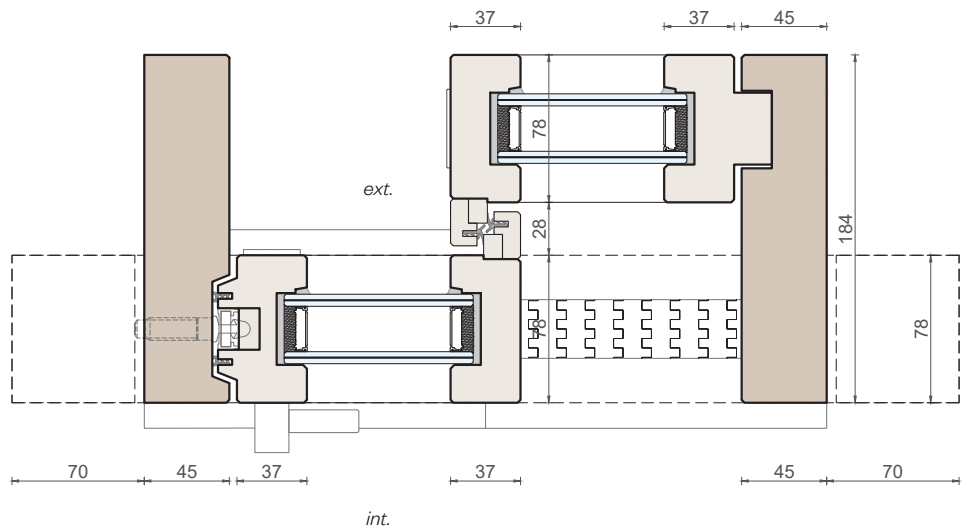
Skyline Drive is an exclusive solution for architects, interior designers, and general contractors working on luxury private residences, hotels, and international contract projects, where design, technology, and comfort must coexist without compromise, integrating into the architectural project as a distinctive element - not as an accessory.

Please note: the sections and performance data provided are for reference purposes only and are intended as examples. They do not constitute a binding or definitive representation of the product. The technical department reserves the right to make changes at any time.

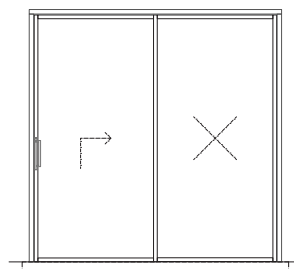
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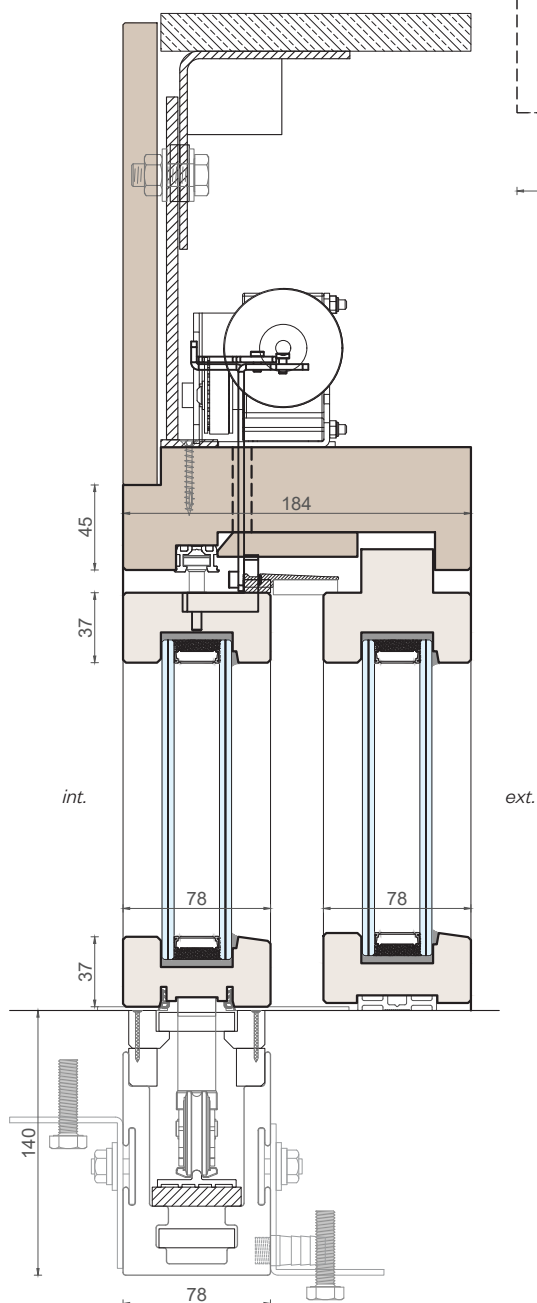
Horizontal section



Elevation view



Vertical section



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