



GS175

Lift & Sliding System



GS175 Lift & Slide System

Excellence in Every Detail

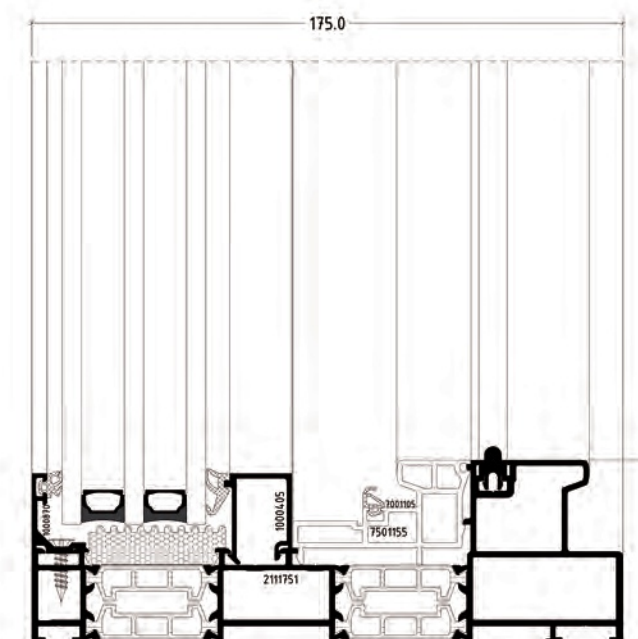
At FENSPRO, quality begins with the materials we choose. The GS175 Lift & Slide System is crafted with the same uncompromising standards as all our systems, using only premium-grade aluminum profiles, advanced thermal insulation components, and durable hardware to ensure long-lasting performance.

Every detail, from the robust structural integrity of the frames to the precision-engineered sliding mechanisms, is carefully considered to deliver smooth operation, superior stability, and maximum comfort. High-quality gaskets, precision machining, and reliable fittings work together to guarantee airtight sealing, enhanced energy efficiency, and effortless functionality over time.

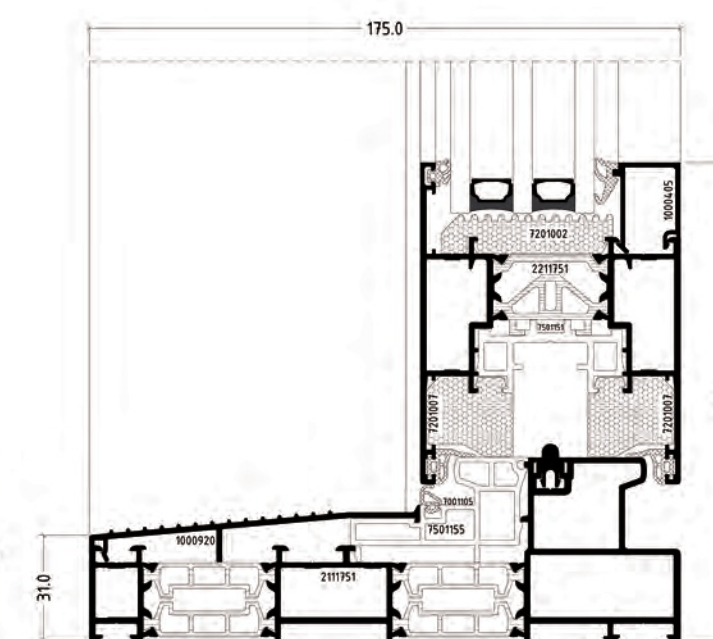
The GS175 reflects FENSPRO's philosophy: attention to detail in every aspect—design, performance, durability, and aesthetics. This commitment ensures that our clients receive not only a system of outstanding quality but also a solution that elevates transparency, comfort, and architectural elegance.



**Redefining Performance and
Transparency**



Frame-fixed glazing detail



Moving sash detail

GS175

More transparency, More efficiency

The GS175 Monorail Lift & Slide System is engineered to combine exceptional strength, thermal efficiency, and elegance in one solution. Designed for demanding architectural applications.

The GS175 is more than a lifting/sliding system, it's a perfect balance of durability, efficiency, and design freedom, opening new possibilities for large-scale, light-filled spaces.

- **High Load Capacity:**

Effortlessly moving sashes up to 500 kg and fixed sashes up to 1000 kg, ensuring smooth operation even with oversized glass panels.

- **Thermal Performance:**

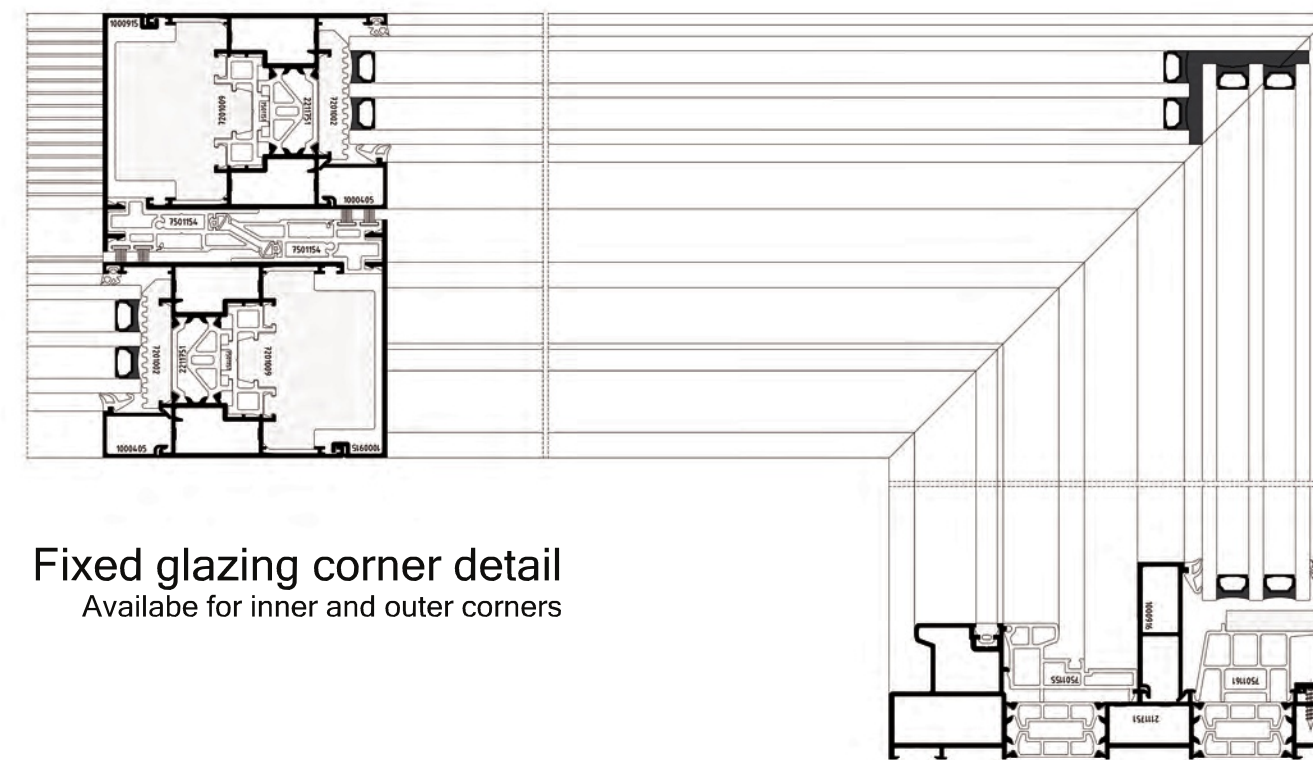
Advanced insulation technology delivers outstanding thermal transmission values, maximizing comfort and energy efficiency in all climates.

- **Slim & Transparent Design:**

Specially engineered profiles provide greater transparency and panoramic views without compromising on stability or performance.

- **Modern Aesthetics:**

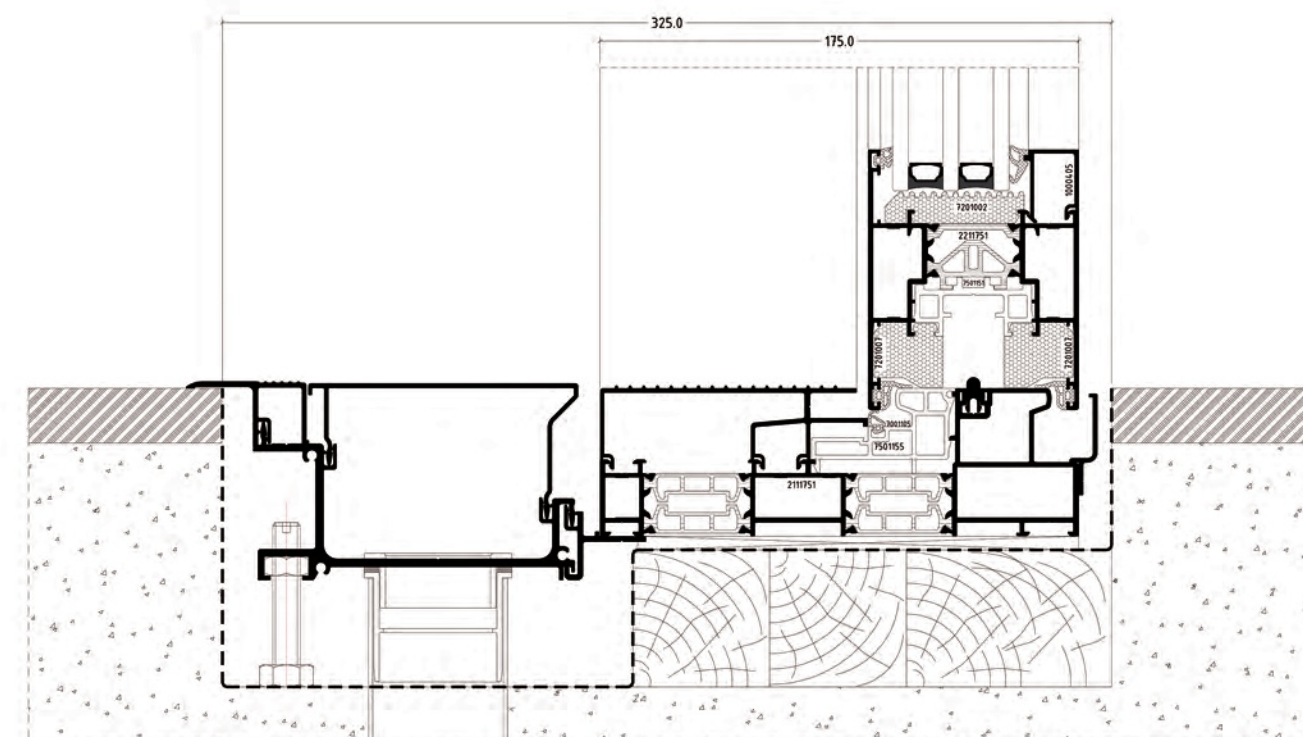
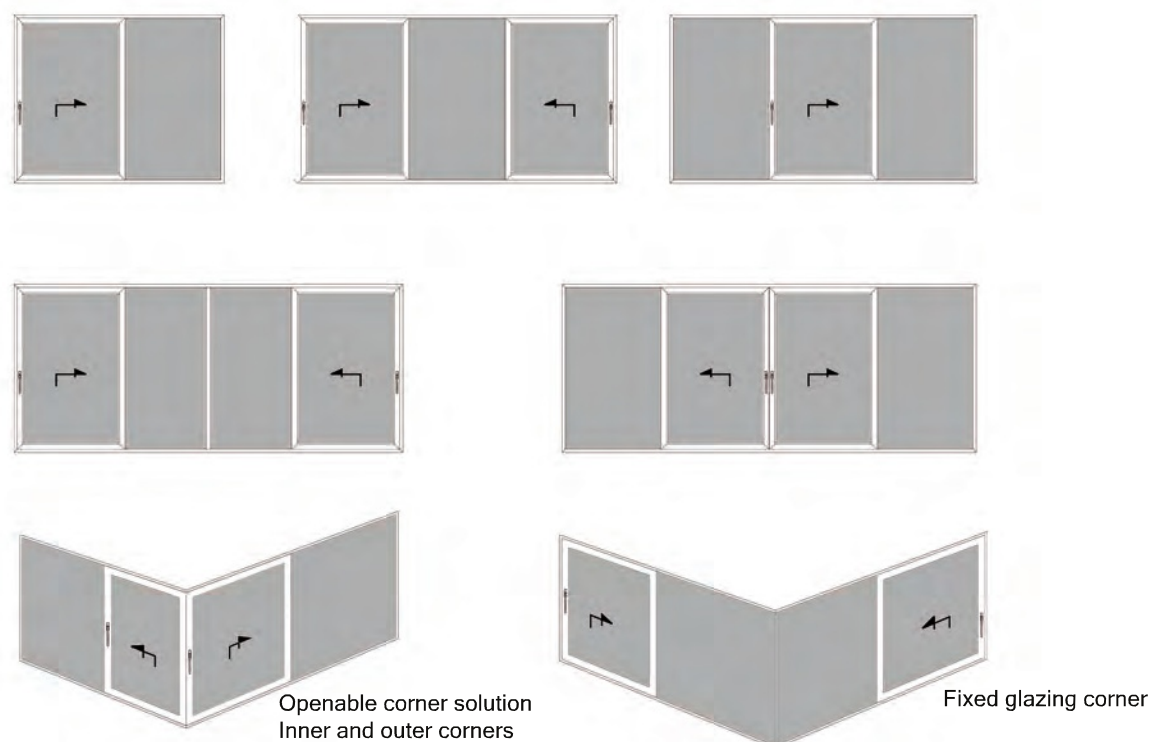
Clean lines and seamless integration create a refined, contemporary look that complements any architectural style.



Fixed glazing corner detail
Available for inner and outer corners

GS175

Type of openings and design options

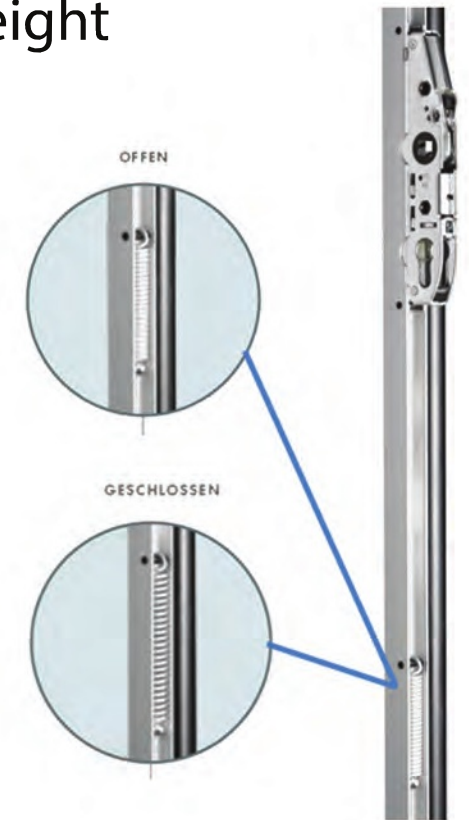


Accessible threshold detail



Comfort Gears > 200 kg Sash Weight

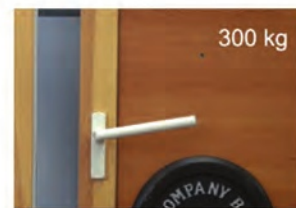
- 27,5 mm & 37,5 mm backset for standard, hook & bolt gears
- Power storage unit pre-assembled and ready for installation
- Reduced torque when lifting the sash into the sliding position
- Prevents uncontrolled kickback of the lever when the sash is operated into the locked or open position
- Increases operating comfort and safety
- Also available for 500 kg sash weight



HS Compact

Up to 500kg moving sash

SIEGENIA AUBI®
SOLUTIONS INSIDE



Operation Torque

Number of spring	Sash weight (kg)	Opening torque (Nm)	Closing torque (Nm)	Kick back
0	150	10,7	0	low risk
0	200	14,5	0	strong risk
0	250	16,5	0	very strong risk
0	300	18	0	very strong risk
1	150	5,3	4,5	no risk
1	200	8	5	no risk
1	250	10	4,5	no risk
1	300	13	4,5	very low risk
1	400	18	k.A.	very low risk



Height-adjustable Bogie Wheel

- For HS 350, HS 200 compact & HS 400 compact
- Up to ± 2 mm adjustability
- Equalizing installation tolerances



Architectural Aluminum Products

Doors & Windows

Sliding Systems

Curtain Walls

Supplementary Systems

1738 Orangebrook Crt, No.8 Pickering

Ont. L1W 3G8

Toll-Free Phone: 1 866 829-3949

Toll-Free FAX: 1 855 925 -0926

www.fenspro.com

customers@fenspro.com