

Movable Glass Wall Systems

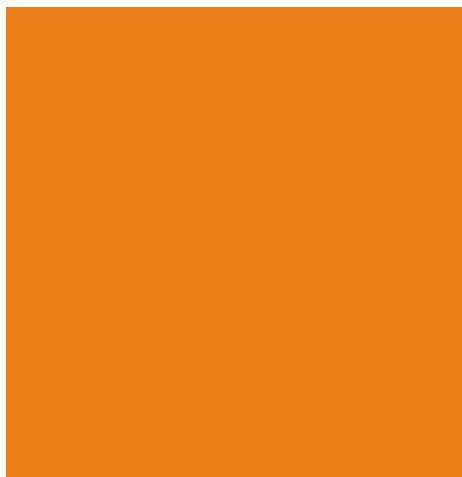


smart**Division**

Room Partitioning with Intelligence



The smartDivision product series from Grantec makes intelligent and automatic room partitioning possible according to the customer's wish. Our systems make not only a good impression visually, but they are also convincing due to their long service life and very quiet running characteristics.



smartDivision RTW400

The smartDivision RTW400 is the most reliable and low-maintenance, automatic, horizontal sliding wall that has ever been developed.

The entire system only needs one motor and one control unit.



The drive system moves a moveable leaf in the desired direction of motion. All subsequent moveable leaves move out of the parking position or alternatively back into the parking position with a mechanical carrier, depending on the direction of motion. Any desired partial opening is possible in the process. There is no gap between the moveable leaves. The system runs quietly and uniformly for the opening as well as closing motion.

Features

- » **Only 1 motor and 1 control unit**
- » No gap between the moveable leaves
- » Up to 12 moveable leaves can be combined
- » Only glass design with head and foot profiles
- » Glass with single layer safety glass or laminated safety glass, 10 or 12 mm
- » Substructures disappear in the intermediate ceiling
- » Floor guide tracks in a stainless steel look
- » No search run needed after a power cut or obstacle detection

Safety Devices

- » **Closing process:** Automatic reversing of the entire system if an obstacle is hit (150N)
- » **Opening process:** Automatic stop of the entire system if an obstacle is hit (150N)

Operation

- » Only one button with control sequence OPEN-STOP-CLOSE
- » Mechanical unlocking for manual operation

Path Possibilities

straight ✓	polygonal ✓	around a corner ✗
------------	-------------	-------------------

Parking Positions

straight ✓	90° ✓	85° ✓
------------	-------	-------



smartDivision RTW500



The smartDivision RTW500 provides almost unlimited design possibilities in room partitioning. Each moveable leaf is equipped with its own motor and a separate control unit, which means you are free to choose any position for each individual moveable leaf.

A central PLC control unit ensures the control of each individual moveable leaf. The complete opening or alternatively closing process is handled by that control unit. In addition, any custom position of the system can be pre-programmed and later controlled by the operator. There is no gap between the moveable leaves (unless this is desired with the custom position).

The system runs quietly and uniformly for the opening as well as closing motion.

Features

- » Separate drive system for each moveable leaf
- » No gap between the moveable leaves
- » Only glass design with head and foot profiles
- » Glass with single layer safety glass or laminated safety glass, 10 or 12 mm
- » Substructures disappear in the intermediate ceiling
- » Any custom positions can be pre-programmed
- » Floor guide tracks in a stainless steel look
- » No search run needed after a power cut or obstacle detection

Path Possibilities

straight ✓	polygonal ✓	around a corner ✓
------------	-------------	-------------------

Safety Devices

- » When an obstacle is hit, the affected moveable leaf stops automatically (150N)

Operation

- » Buttons with control sequence
OPEN-STOP-CLOSE
- » Mechanical unlocking for manual operation

Parking Positions

straight ✓	90° ✓	85° ✓
------------	-------	-------





smartDivision Variant / EVO

The smartDivision variant is a cost-effective alternative to its big sister, RTW400. The variant is based on the telescope principle and is to be operated manually. No floor guide is needed for this system!



Variant Features

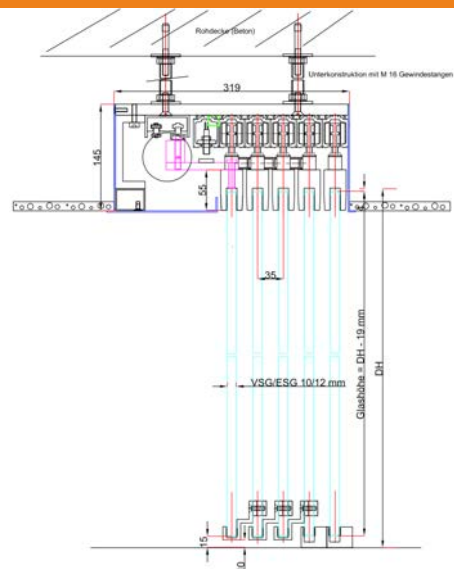
- » Manual operation
- » With a mechanical carrier system in the connected design
- » Up to 5 moveable leafs in the telescope design
- » Glass with single layer safety glass or laminated safety glass, 10 or 12 mm
- » Only a straight design is possible
- » With or without fixed elements
- » One- or two-sided design possible
- » No floor guide needed!
- » Lock cylinder with floor rosette for locking the system in the closed position



The smartDivision VariantEVO is the automatic design of the tried and proven variant system. It combines all the positive aspects of the smartDivision variant with the convenience and reliability of our automatic systems.

VariantEVO Features

- » Only 1 motor and 1 control unit per system
- » Operation via an OPEN-STOP-CLOSE button
- » Opening width up to 5.5 m
- » Leaf weight up to 100 kg
- » Heavy-duty design possible with leaf weight of up to 500 kg
- » Return guide shoe for securing the system in the closed position



Path Possibilities



Straight path - RTW-Vg



Polygonal path - RTW-Vp

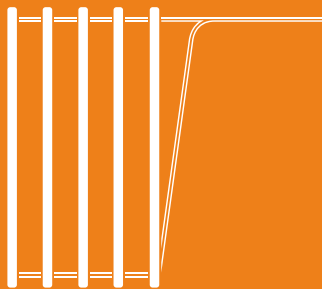


Path around a corner - RTW-Ve

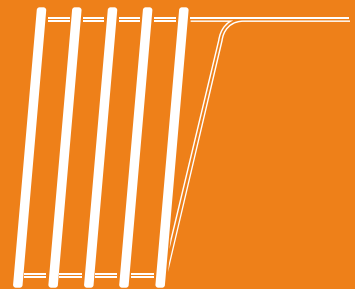
Parking Situations



Parking possibility RTW-P0



Parking possibility RTW-P90



Parking possibility RTW-P85

Custom parking on request!

smartDivision is a brand of

Grantec

Automatic doors and gates

www.grantec.at

Sales Partners