



Technical Details
Glass Partition Systems

DORMA Hüppe Varitrans

- Compactline
- Metalline

Intelligent solutions for sophisticated interior design requirements

Movable walls and partitions from DORMA Hüppe offer the very highest quality, functionality and variability for room-dividing and room-shaping applications. These high standards derive in particular from many years of know-how and accrued competence in system

development. The first partition systems were introduced into the German market back in 1955. Since that time, movable walls from DORMA Hüppe have become established on a worldwide scale. With sophisticated aesthetics and functionally reliable techno-

logy, they create useful, variable areas and improve the cost-efficiency of interior space provision. There are no limits to the flexibility that they afford. Indeed, almost every conceivable requirement can be satisfied by applying a corresponding solution from DORMA Hüppe.

The company also supplies systems with movable, transparent glass frontages for shopping malls, showrooms or customer service areas in banks – so rounding off an enormous range of interesting perspectives in living area design for today and tomorrow.

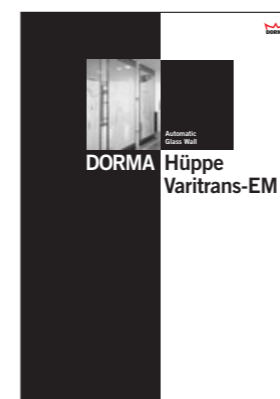


Contents	Page
Properties and features	3
Varitrans models	4
Varitrans type overview	5
Varitrans vertical cut	6
Varitrans horizontal cut	7
Varitrans element types	8
Varitrans details of elements	10
K track	12
Parking layout	13
R track	14
EM track	15
Examples	15

DORMA Hüppe Varitrans glass partition system

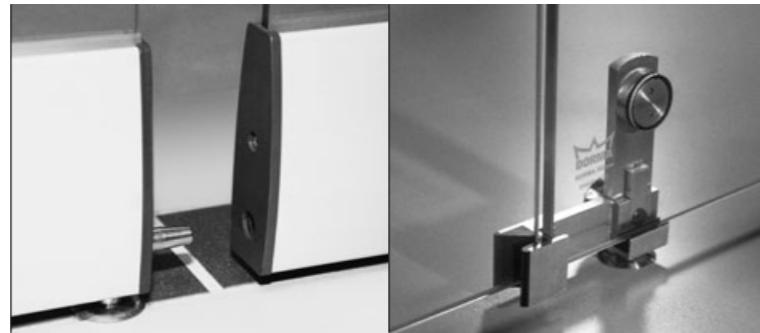
Properties and features

- Variable, transparent room divider with individually operable glass panels
- Functional design combined with high innovative quality
- Aesthetic, timeless styling
- Two product variants: Compactline, Metalline
- Panel heights: Manual: 3,500 mm, Automatic: 4,000 mm
- Panel widths: 800 – 1,300 mm
- Automatic and manual operation possible
- Exceptional user convenience
- Toughened safety glass (TSG) and laminated safety glass (LSG) constructions
- Wide selection of panel types
- Systems can be equipped with angled and pass door panels as required
- Compact stacking arrangements in the parking position
- Uniform appearance
- Functional components invisibly integrated in the profiles
- Multiple layout designs: straight, angled, circular and polygonal configurations possible
- Glass design possibilities: screen printing, sand etching, transfers, artistic designs and plenty more
- High level of safety

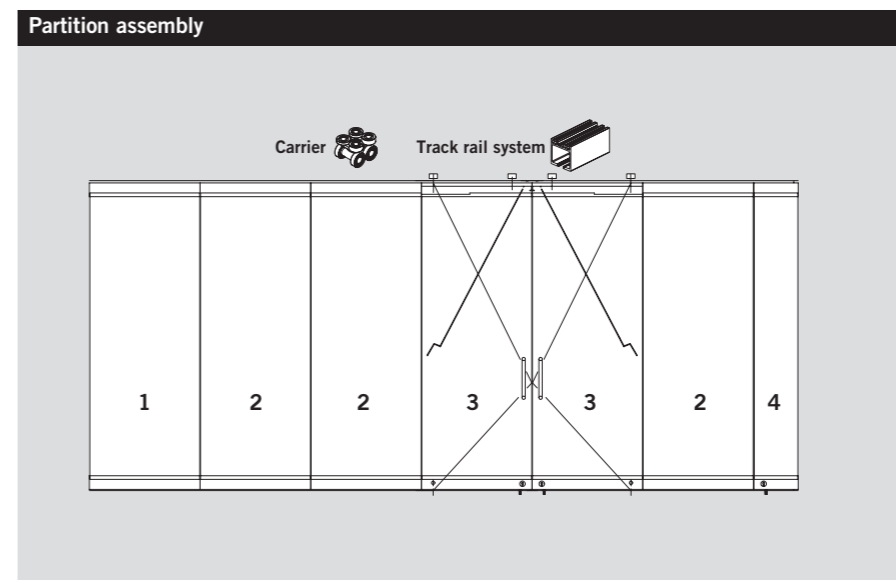
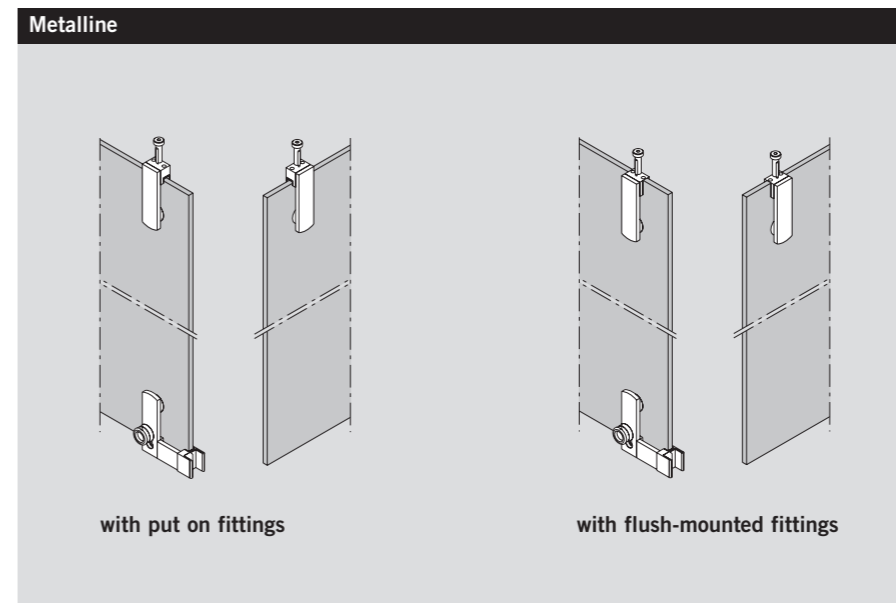
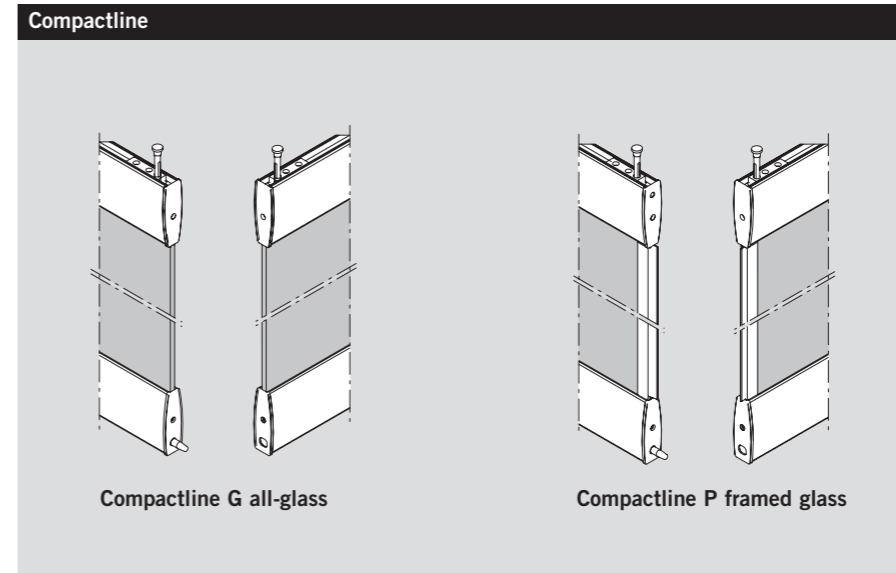


You can find further details on the Varitrans featuring the automatic operator system in the technical brochure entitled 'DORMA Hüppe Varitrans-EM'

Additional information (brochures, leaflets, technical descriptions etc.) relating to our product range can be found in the program folder available from our field sales representatives.

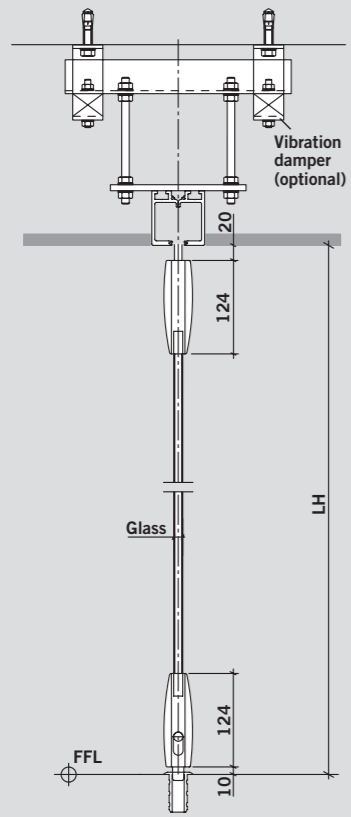


Features	Compactline		Metalline	
	Manual (M)	Automatic (EM)	Manual (M)	Automatic (EM)
Benefits	Characteristics		Operable sliding glass panel partition system with elegantly curved profiles providing a continuous, compact appearance	
	Components		All glass (single-point fixings)	
	Application		Internal applications	
Dimensions	Element width in mm		800 – 1,300	
	Element height in mm (max.)		3,500	4,000
	Element weight in kg (max.)		300	250
Operating system	Glass thickness in mm		TSG: 10, 12; LSG: 11.5	
	Manual (M) Automatic (EM)		Light, manual sliding of the elements. Very simple operation. Minimal opening noise thanks to precision tracks of aluminium	Electric single-drive operators for the elements with self-monitoring processor for maximum reliability
			Light, manual sliding of the elements. Very simple operation. Minimal opening noise thanks to precision track of aluminium	Electric single-drive operators for the elements with self-monitoring processor for maximum reliability
Construction	Glass type		Toughened safety glass (TSG), Laminated safety glass (LSG)	
	Fixing elements		Horizontal aluminium clamping profiles; aluminium covers; plastic end covers; optional vertical profile framing	
	Sealing top/bottom		Small gap between element and track; optional flexible contact seals top/bottom	
Equipment	Glass framing		All glass: horizontal Fully framed glass: horizontal and vertical	
	Element types		Full wall element, pass door element (stationary or sliding), angled element, corner element, wall abutment element	
	Pass door elements with bespoke handle		Fixed full-height double action door as wall abutment element. Sliding pass doors, single or double-leaf	
	Door closers		Overhead door closer for sliding pass door element, floor spring for fixed full-height pass door element	
	Element locking		Floor bolt locking device provided per element; locking of the elements to one another by interlocking profiles to prevent lever attack ('jimmying')	

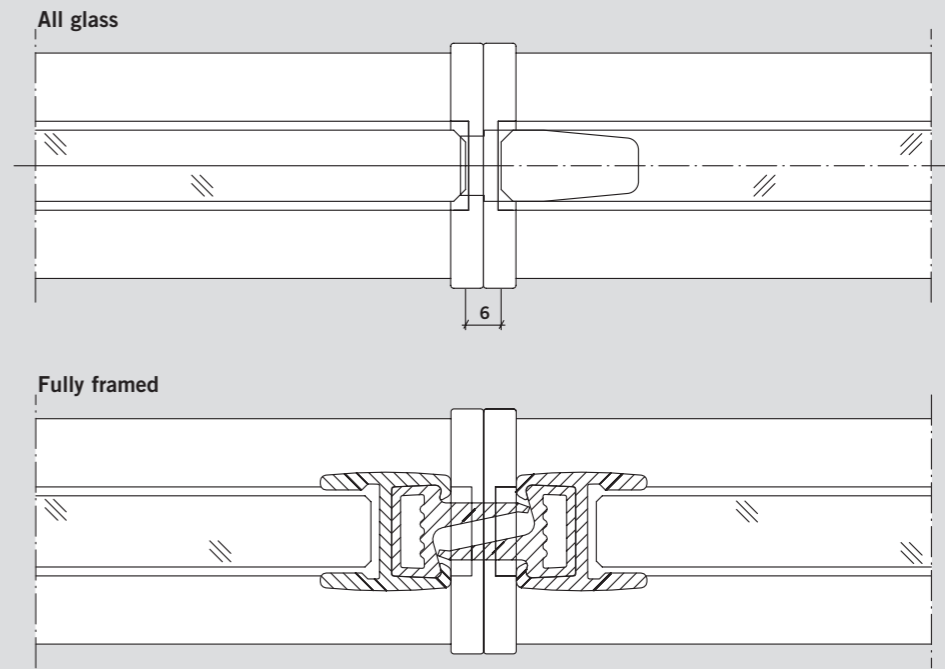


- 1 Stationary full wall element
- 2 Sliding full wall element
- 3 'DTZ' sliding double pass door
- 4 Wall abutment element

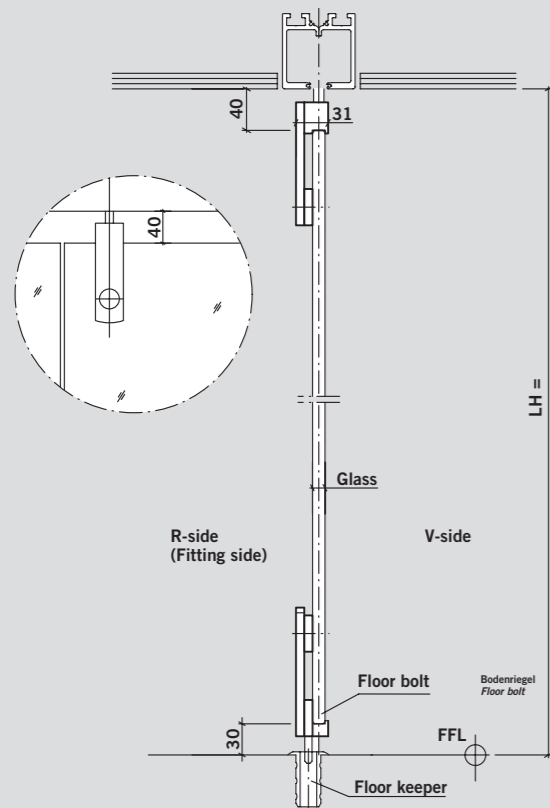
Compactline-Ganzglas



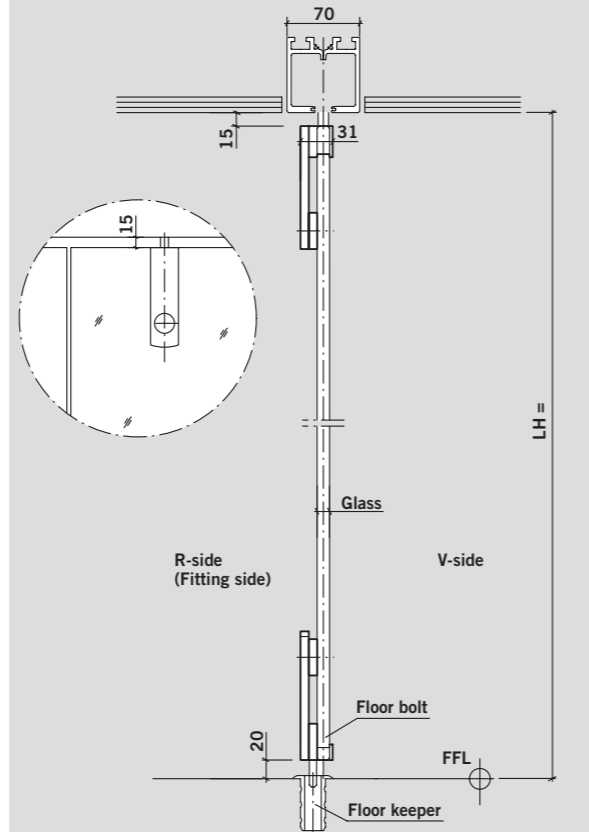
Compactline



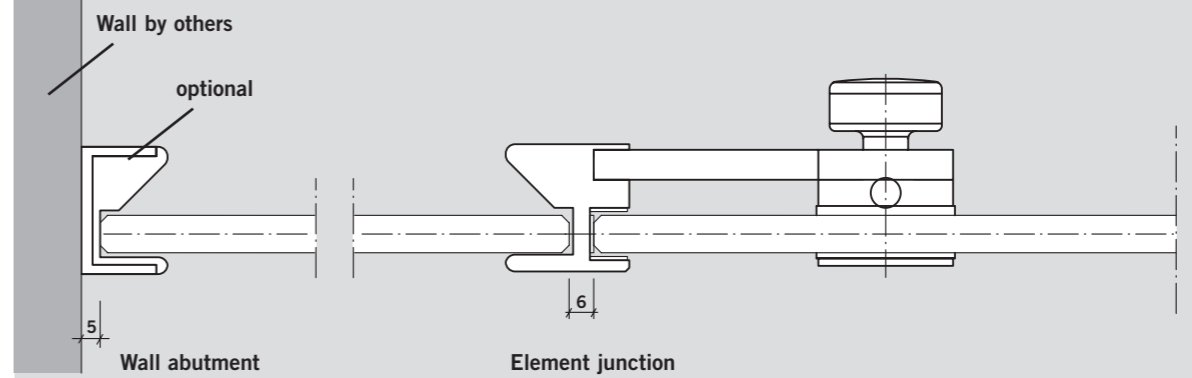
Metalline with put on fittings



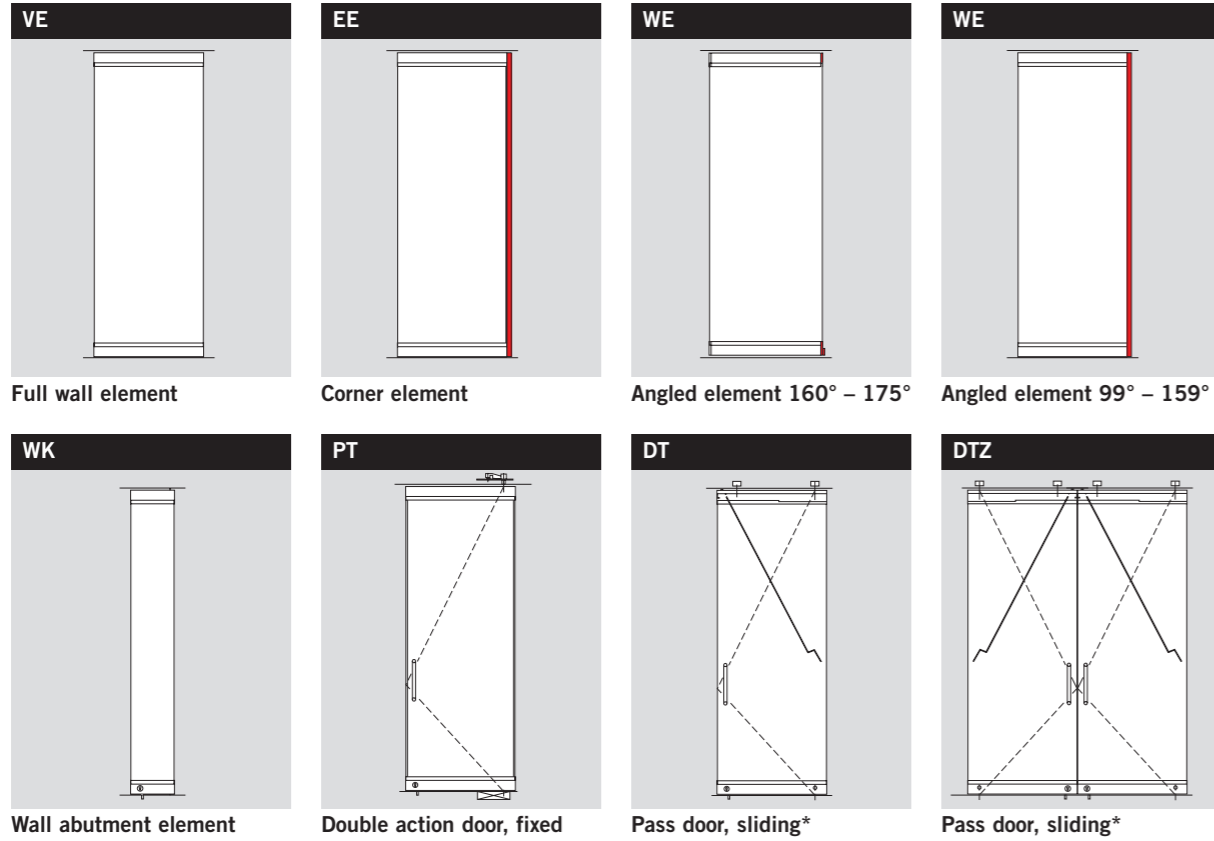
Metalline with flash-mounted fittings



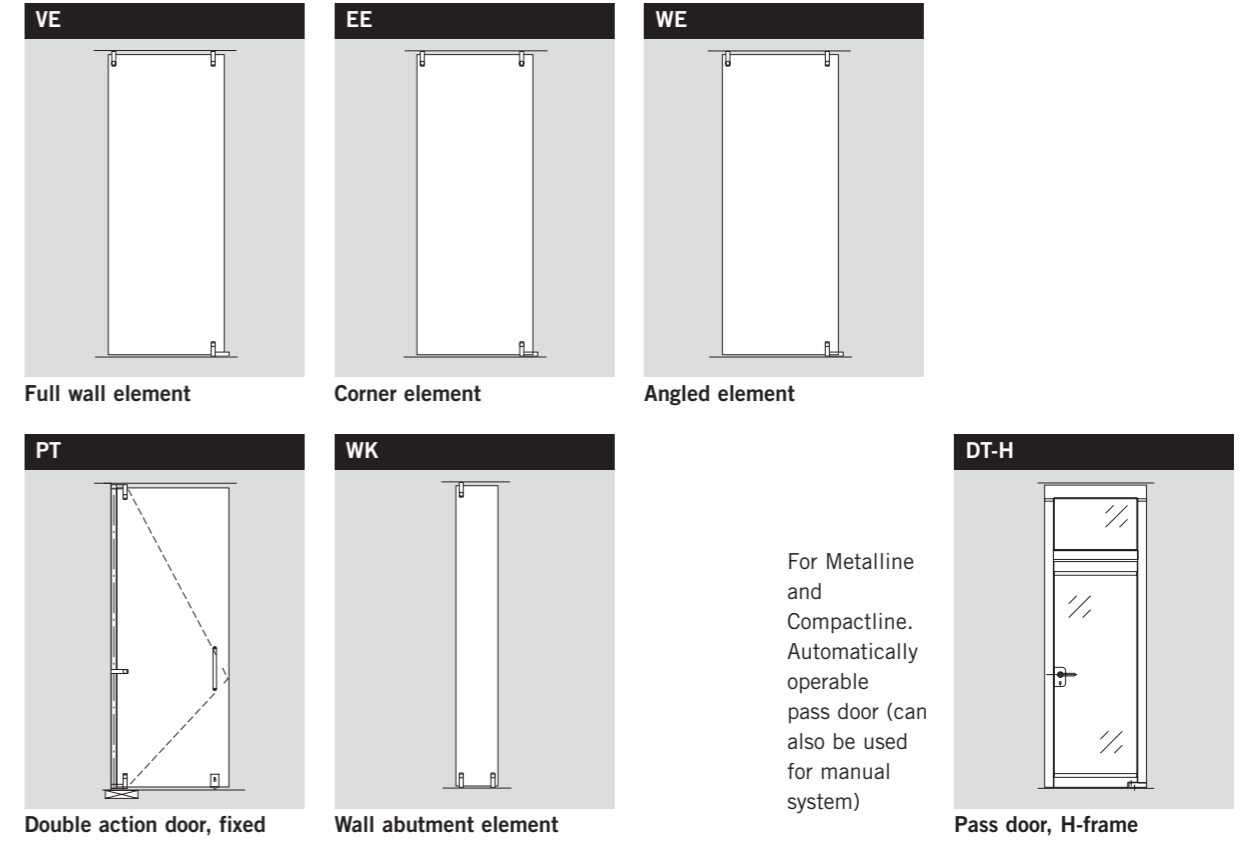
Metalline



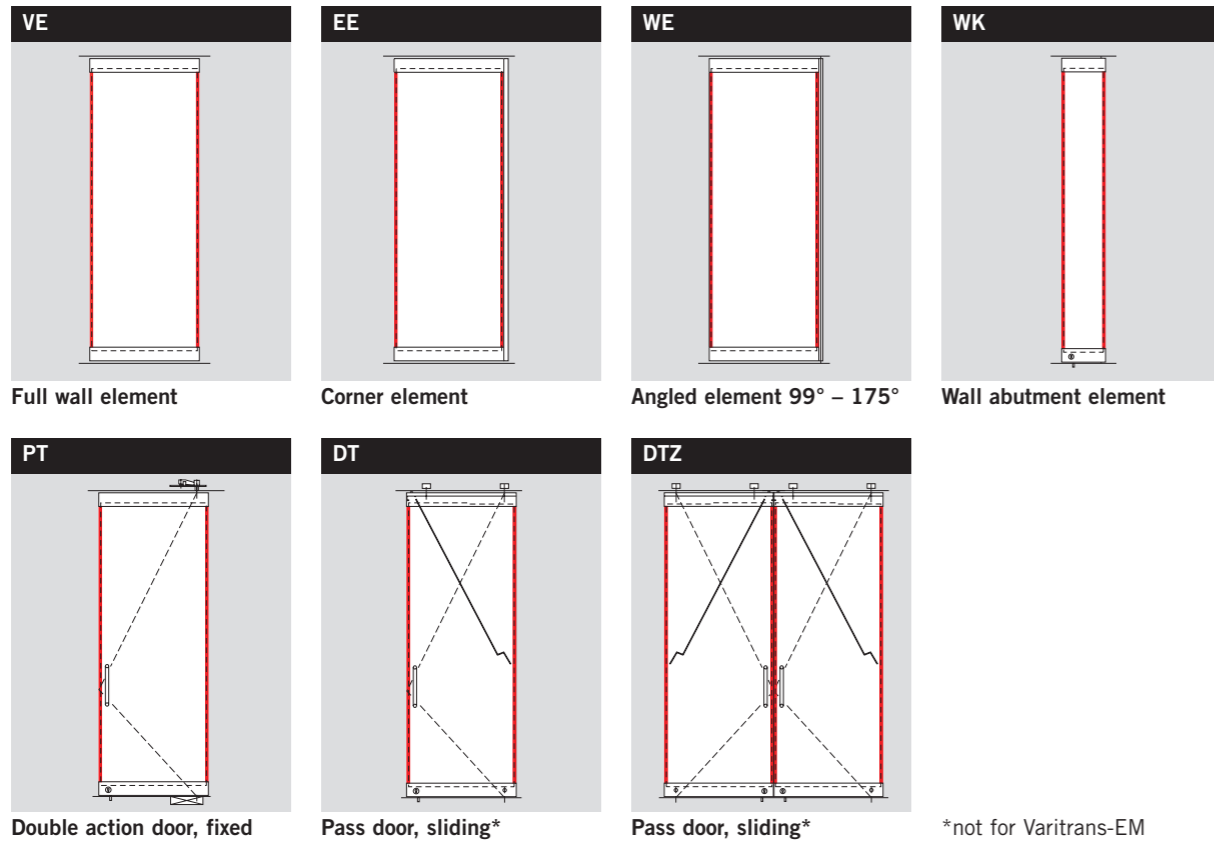
Compactline – All Glass



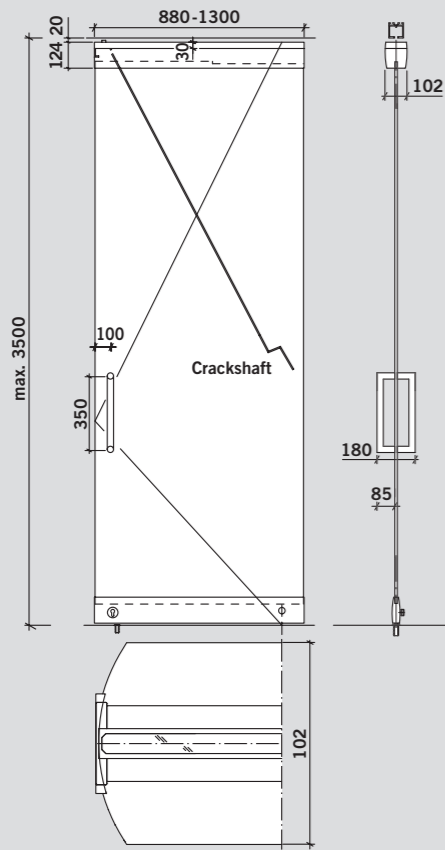
Metalline



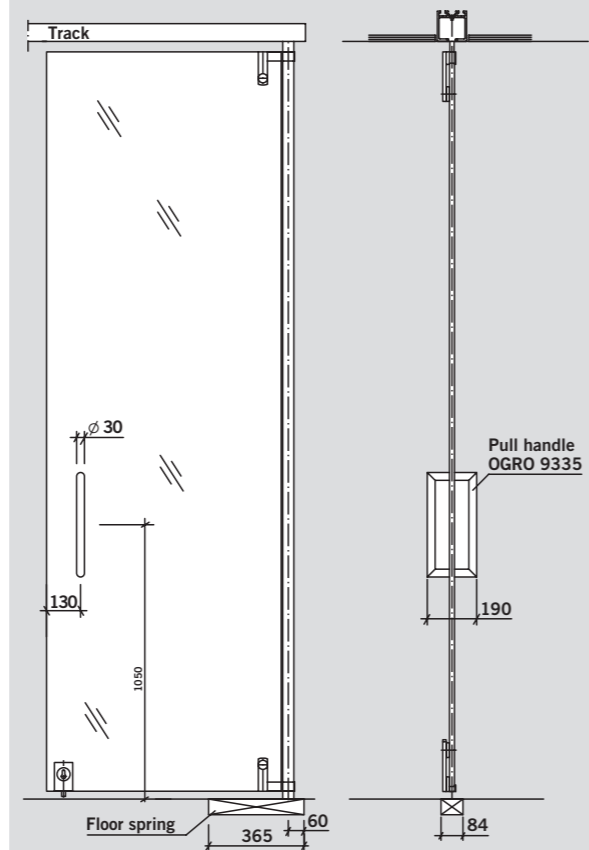
Compactline - Fully-framed



Compactline access door (DT)

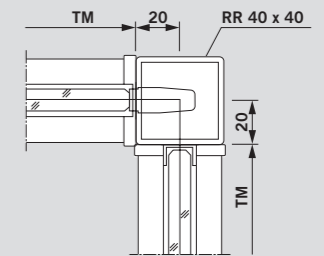


Metalline Double action door (PT)

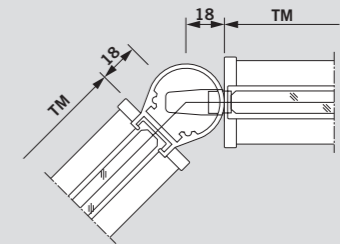


Connectors

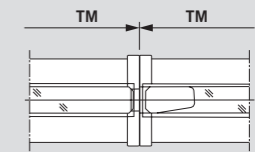
90°-angle connector



91° - 175° angle connector

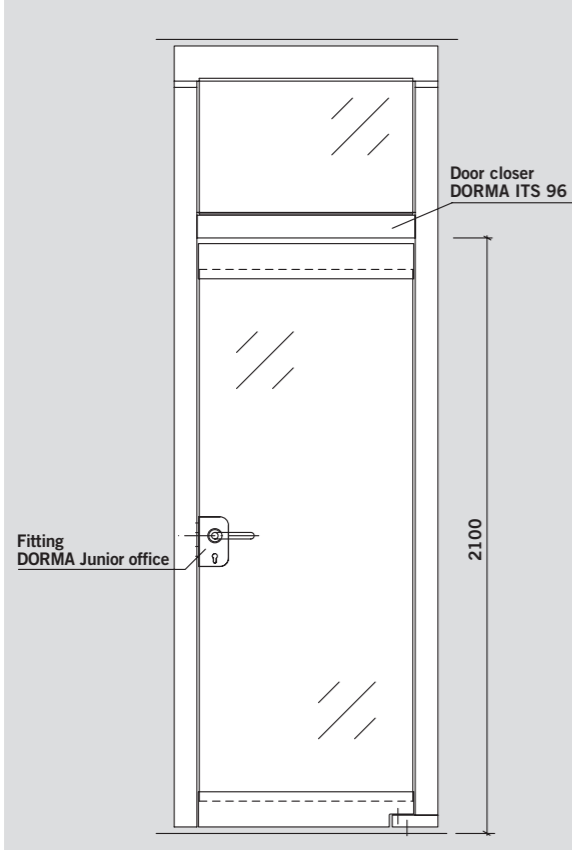


Inter-element joint



Presentation by the example Compactline

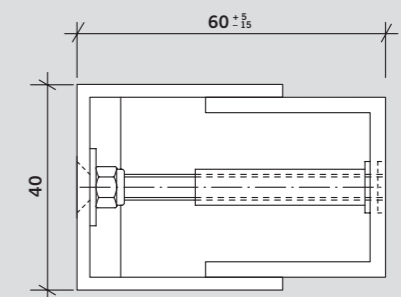
Pass door movable with H-frame (EM)



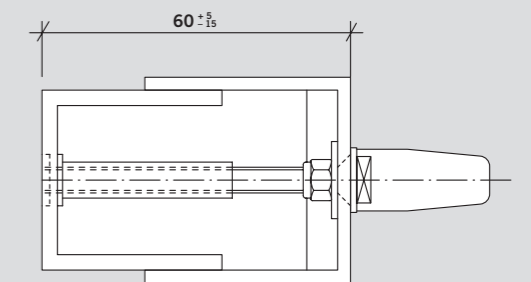
Wall abutment / Concave wall abutment

Optional for: Metalline
Compactline Profilglas
Compactline Ganzglas

Wall abutment



Concave wall abutment

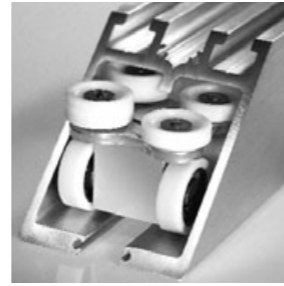


Presentation by the example Compactline

Type K track system

Track system featuring minimum dimensions. The mechanically coded branching system with curves and switches ensures simple operation when moving the elements.

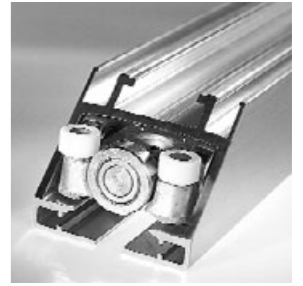
Curved system configurations are possible. Element weight up to 250 kg.



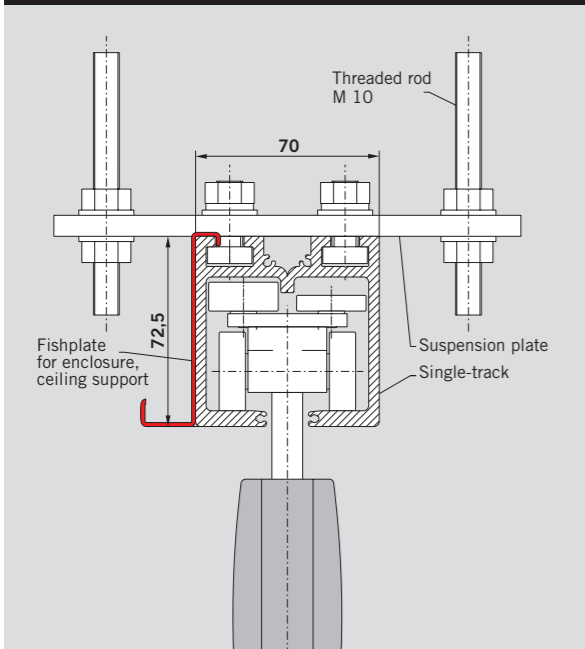
Type R track system

Track system for 90° branches with cross-roll travel paths. Suitable for a wide range of layout designs.

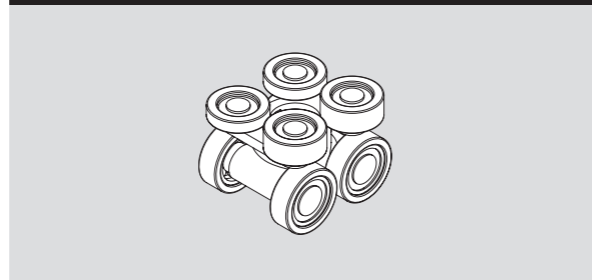
Guide rollers in the branching junctions and intersections ensure that the elements remain level as they cross or change direction.



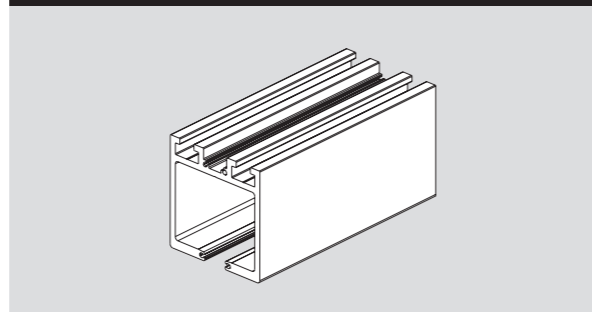
Vertical section through K track – Varitrans



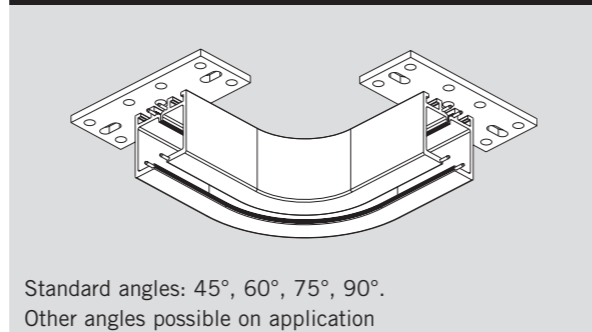
Roller assembly



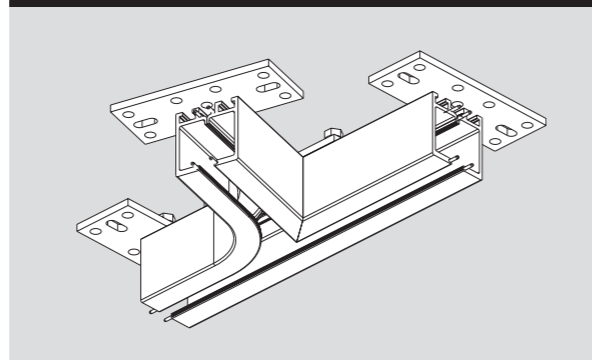
K track, straight



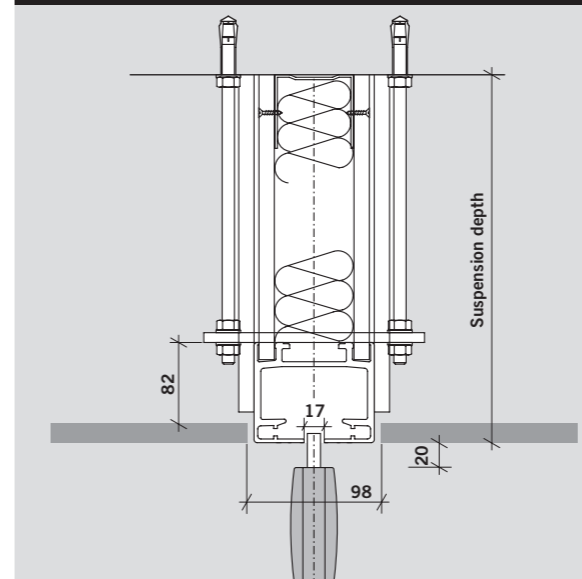
K track, curved



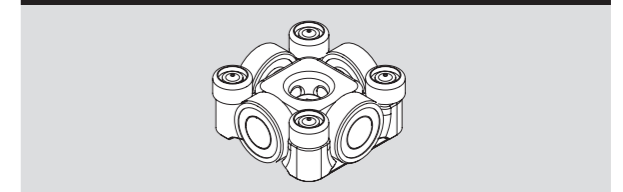
K track switch



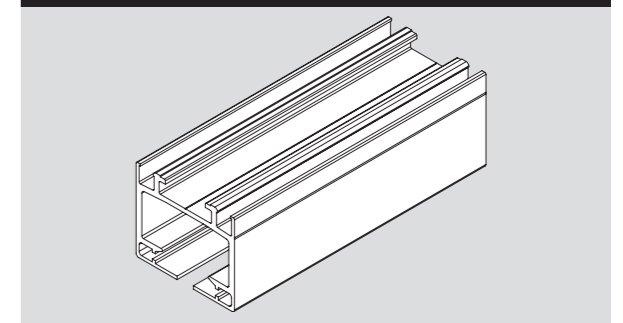
Vertical section through R track



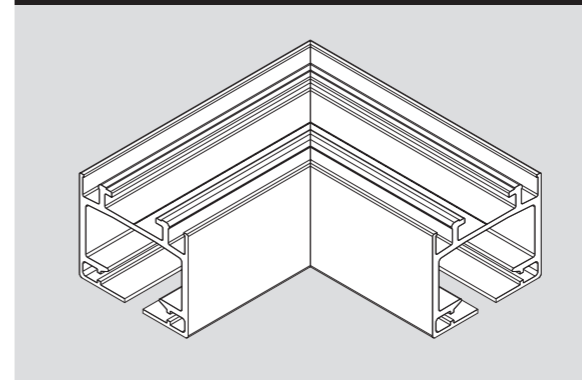
Roller assembly



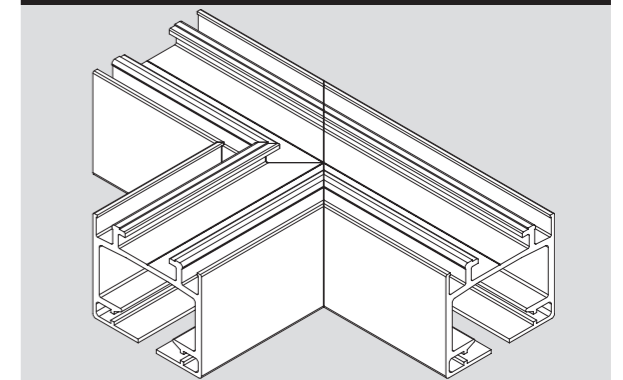
R track



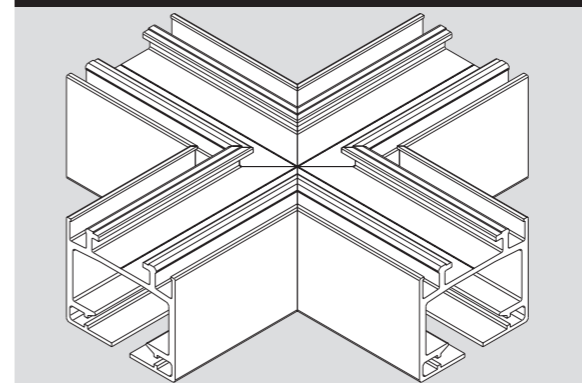
Corner section



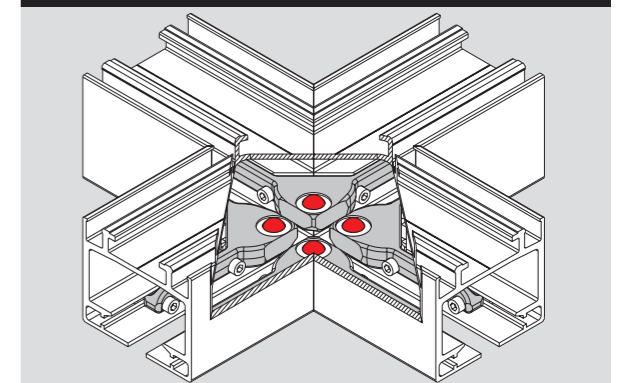
T-piece



Intersection



Intersection with support rollers

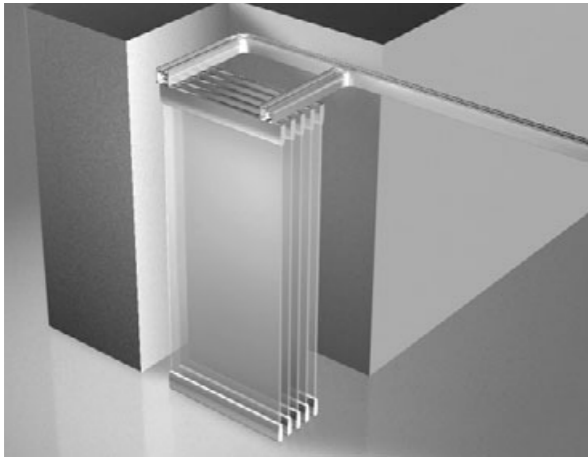


The individual elements of the DORMA Hüppe Varitrans system only require a small amount of space when stacked out of the way. They can therefore be parked in any small pocket or corner for maximum visual tidiness. The individual pan-

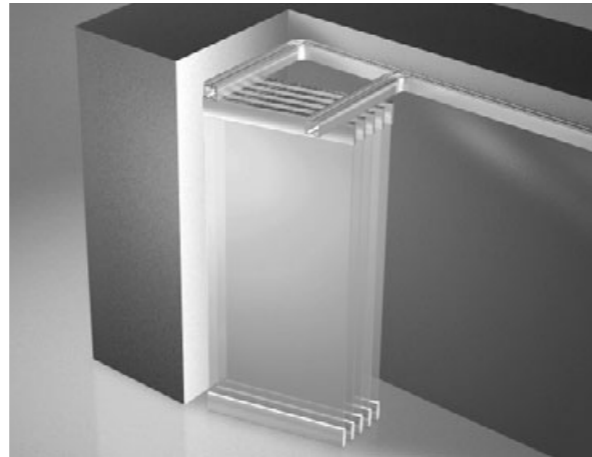
els move so easily that transfer to the stacking section and the parking operation itself could not be easier. The requirements of the manual and automatic modes are, however, different. Consequently, it is advisable during the plan-

ning phase to consult DORMA Hüppe as to which stacking track configuration is the best suited to your application. Irrespective of whether the system is automatically or manually operated, however, maximum functional reliability and

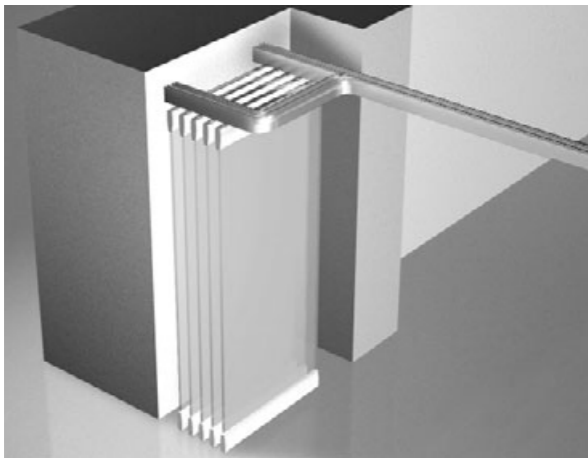
convenience are always ensured. Depending on the requirements of the application, the parking of the panels can be implemented in various ways. The following figures show just some of the possibilities available.



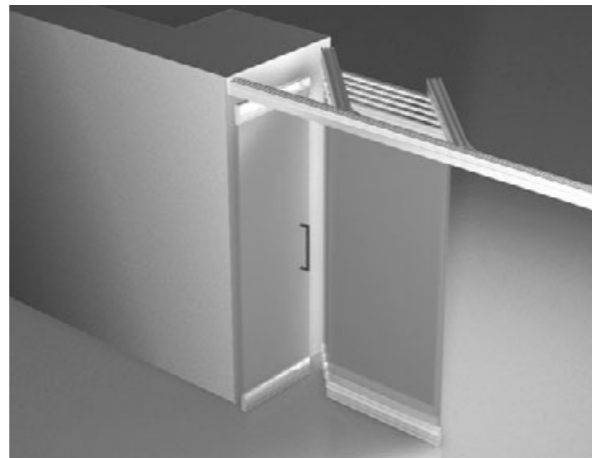
A: Parallel stacking in a niche or pocket



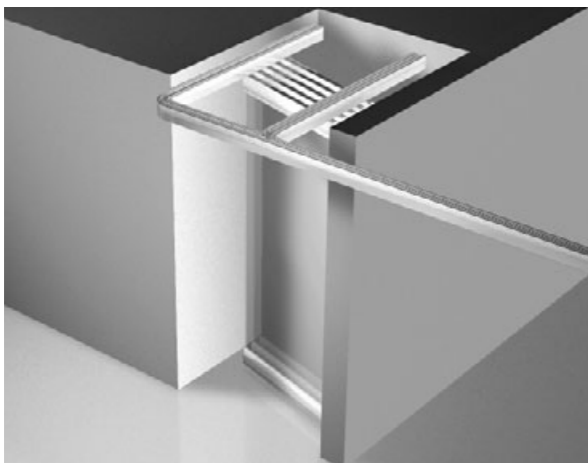
B: Slightly angled stacking



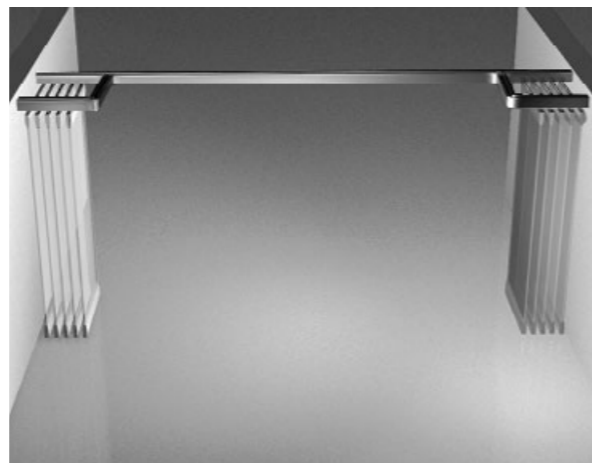
C: 90° stacking in an open panel pocket



D: Stacking at a slight angle in the through-passage area



E: Stacking in a U-pocket



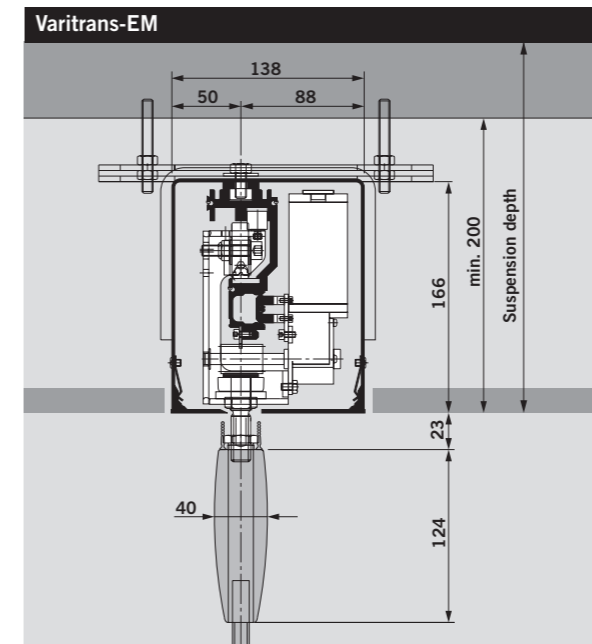
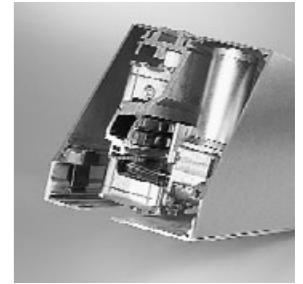
F: Left and right "goalpost" stacking

Track system for the automatic EM operator

The automatic EM operator ensures fast traversing and particularly low-noise operation of the elements.

Aside from curved configurations, it can also be used for a combination of several systems.

Further information can be obtained from our field sales representatives and the Varitrans-EM technical brochure.

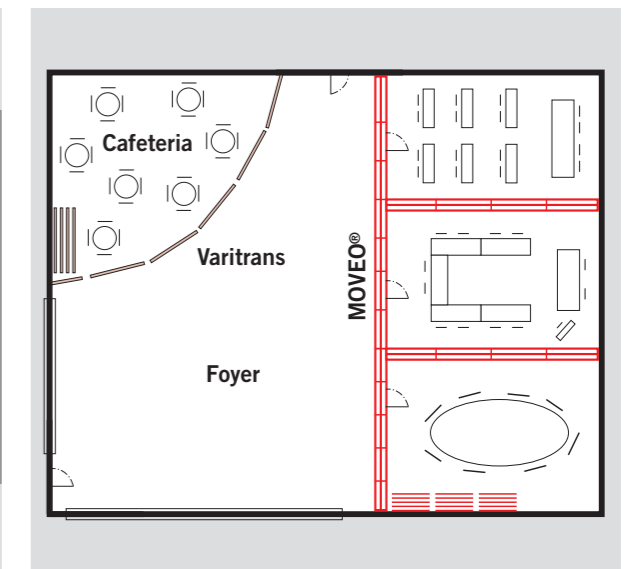
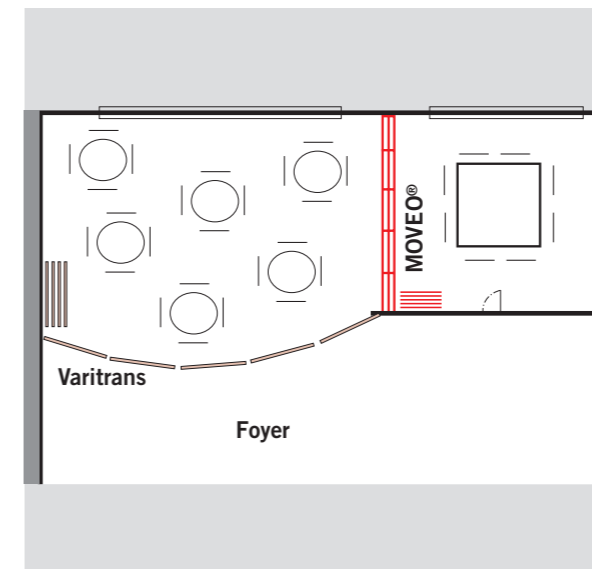


Application examples

DORMA Hüppe partition systems are able to satisfy all the visual and functional requirements of almost any application.

Combinations of MOVEO® and Varitrans movable walls ensure that you have the large spaces you need when you need them, while

creating new, smaller rooms at low initial cost and minimal operating effort.



Integrated systems.

DORMA's system approach and comprehensive portfolio for partition and door applications means that the step from planning idea to successful realisation is but at short one. Your benefit: an ideal solution for your clients every time.



Door Control



Automatic



Glass fittings and Accessories



Security/Time and Access (STA)



Movable Walls

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