



Movable Wall Systems

A flexible solution for every space

HÄFELE SLIDO MOVEABLE WALL



A flexible solution for every space

Our products help to expand the imagination of designers. This applies especially to the environment of flexible space-saving solutions for hotels, congress and convention centers, schools, restaurants, shopping centers and commercial buildings. Our greatest strength is our ability to deliver custom work. The Palace series, especially, is proof of this: a durable movable wall that is extremely easy to operate. In addition to our standard models Palace 80 and 110 we offer many other possibilities, all of them are functional and fire-resistant. The design can be tailored seamlessly to your project. For instance, if you wish to divide a room with sound insulation and transparency, our latest model Transpalace and President may offer laminated, wall paper or fabric the best solution.



Create efficiency and space with Palace movable walls! The stable space-saver can be exactly tailored to your requirements. It's not only user-friendly, it can be perfectly integrated into your environment too.

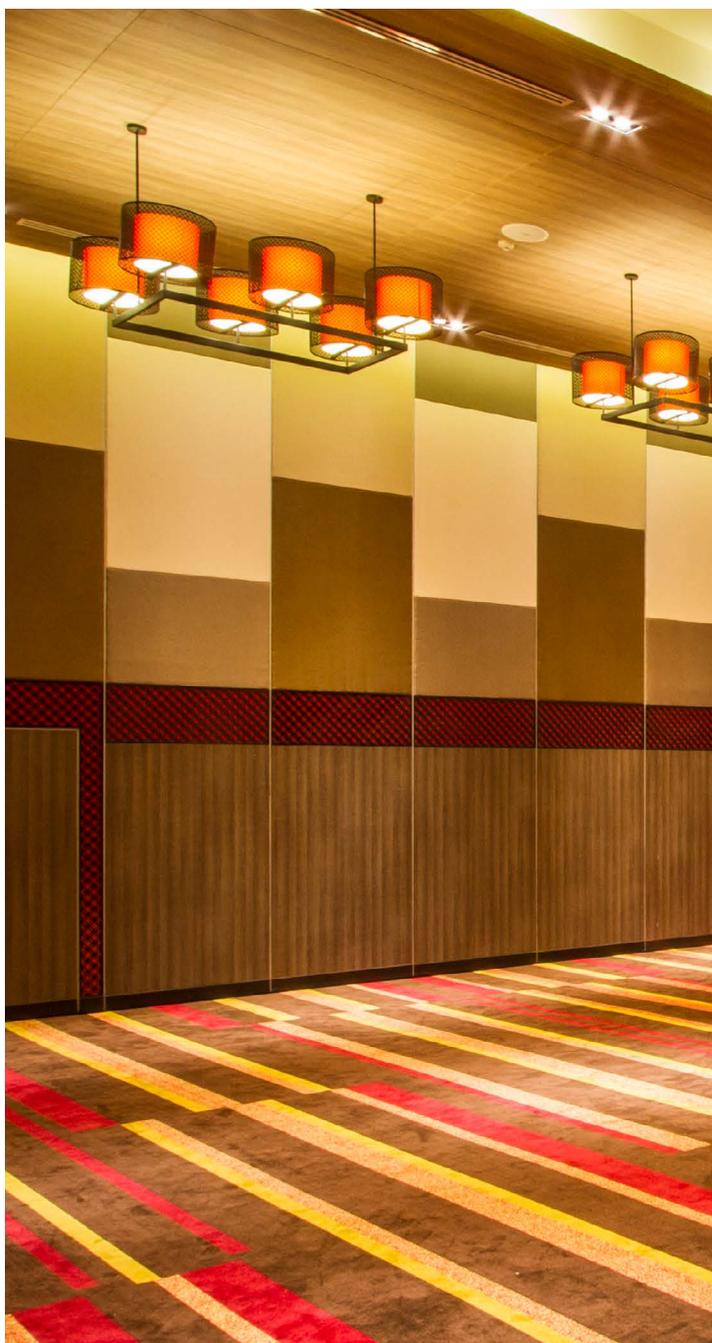


Photo: World Medical Center Hospital/ Nonthaburi

PALACE

From tiny offices to huge conference halls: the stylish, functional Palace movable walls can give every space a new dimension.

In no time at all, Palace will enable you to divide a large space into smaller units. Thanks to our extensive experience with bearing technology and the rolling properties of a variety of different materials, we can find a high-quality, durable rail and trolley construction for every application that will also ensure an optimal ease of operation. (Floor guidance mechanisms will not be an obstruction to your floor) Stability as well as a perfect sound insulation: two typifying characteristics of Palace walls. The spindle mechanism and the so-called acoustic pressure sleeves secure the different panels firmly between the floor and the track. In addition, the parking possibilities are virtually unlimited.



Every square metre of your area can be used as efficiently as possible. We offer durable and quickly realisable solutions for every work or meeting place. Of course, we also offer an optimal support; not only during the design and construction process, afterwards as well.



Photo: The Cheewin Palace Hotel/ Khon Kaen

PALACE 110

The Palace 110 makes it much easier to organise your space: a high degree of sound insulation, single or double doors, heights of more than fifteen metres, curved panels (if required), semi-automatic operation and a fire resistance rating of up to 60 minutes!

The Palace 110 proves that quality and design can be perfectly integrated. This wall can be adapted to suit every interior design. There are countless possibilities as shape, material, colour, finished edges, corner elements and glass openings. Even curved walls and tracks are available.

The Palace 110 suites perfectly to create a silent atmosphere with panels measuring only 110 mm of thickness. Even when this will concern heights of more than 15 metres. Custom solutions are our specialty. In consultation with Häfele, you can determine the parking positions and the layout of the track, tailored to your personal requirements. For those who requires a product that operates extremely easy, our semi-automatically movable walls may be the best solution. Häfele aims to deliver products that will fulfill all your needs.



Palace 110

- Sound insulation of 37 to 57 dB Rw
- Durable and stable metal construction
- Possible heights of more than 15 m
- Optimal flexibility, curved walls and tracks possible
- Available as a fire-resistant version too (up to 30–60 minutes)
- Available in a broad range of finishes
- High-quality track and trolley system
- Semi-automatically operated top and bottom seals possible



Photo: Buri Sriphu Boutique Hotel/ Hat Yai

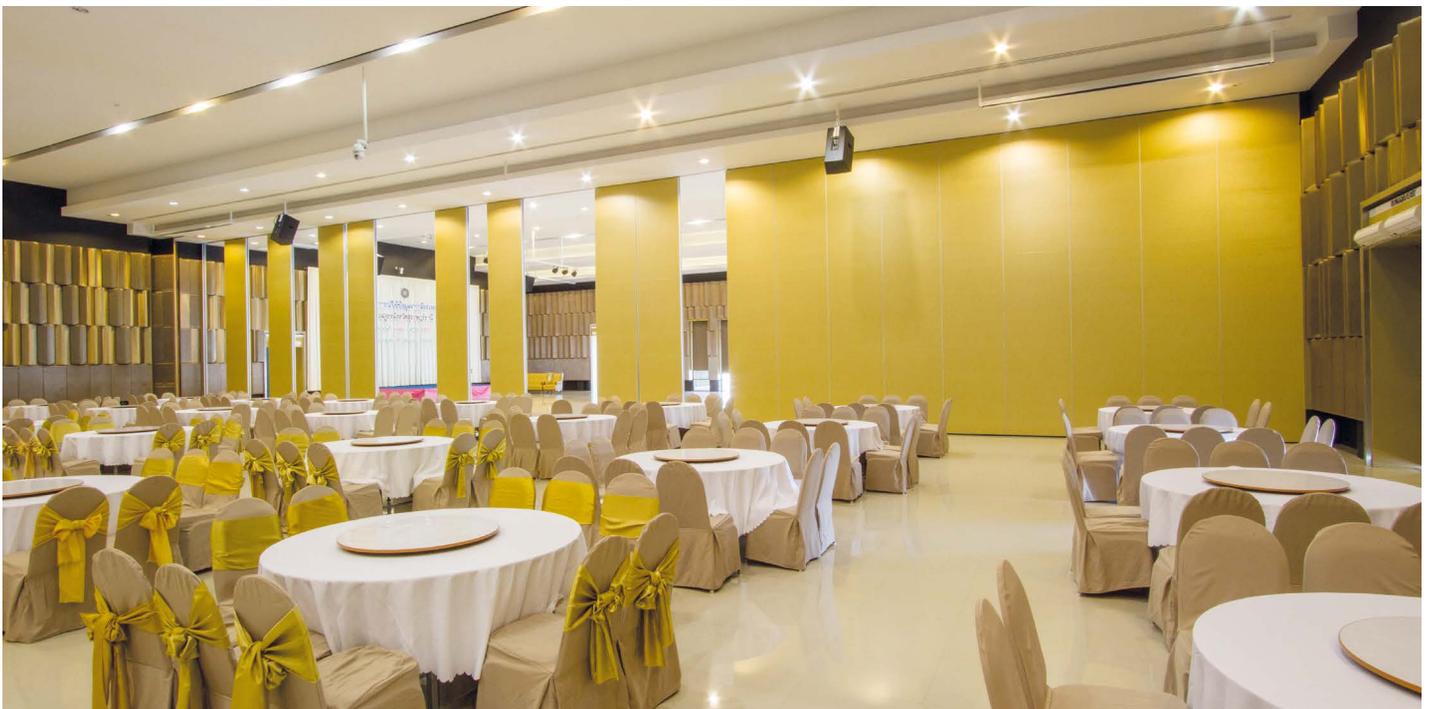


Photo: Bunjongburi Hotel/ Surat Thani

Unlimited possibilities in design

Efficiency and safety, as well as esthetics and stability: that is what the Palace 110 stands for. This robustly executed movable wall satisfies even almost all.



Photo: Siam Paragon/ Bangkok



Photo: Marina Bay Sands/ Singapore



Photo: The Ritz-Carlton/ Berlin

PALACE 80

For many types of users, the Palace 80 may be the ultimate solution to create more space and flexibility. This movable wall with a panel thickness of 80 mm only will guarantee an optimal ease of operation with only a slightest loss of space. The favourable cost aspect creates an excellent alternative. Furthermore, the Palace 80 proves that a slim construction does not affect the stability and sound insulation. The trolleys of this wall are suspended on metal bearers, running horizontally through the panel. The result is a self supporting structure.





Palace 80

- Sound insulation from 40 to 44 dB Rw
- Maximum height 4 m
- Stable and self-supporting frame construction
- Enormous flexibility thanks a broad range of panels
- Very easy to operate due to light construction
- High-quality track and trolley system

TRANSPALACE

The most exclusive model in the Palace series is the Transpalace. This sturdy, transparent movable allows you to retain the transparency, while enjoying the finish with double-layered safety glass. Transpalace solutions offer a high degree of sound insulation, a stable frame and a beautiful design. The technology is subtly incorporated behind a thin pane of glass, in the colour of your choice.



Photo: SCG Service Training Center/ Bangkok

Transpalace

- Sound insulation till 44 dB Rw
- Glass can be replaced separately
- Aluminium profile, available in every RAL colour
- Slim glass available in every colour
- Welded aluminium/steel construction





Photo: Häfele Design Studio Mega Bangna/ Bangkok

SEMI-AUTOMATIC

More comfortable and convenient the solutions come with semi-automatic operation. The top and bottom pressure seals are controlled by an electrical device. Closing or releasing of the adjusting panel will be controlled electrically by a key-switch positioned on one side of the panel. In order to overcome a power failure, we supply an emergency transformer, which can be used when the main transformer of the wall does not able to give 24 V to the wall.

With the emergency transformer, panels can be overruled and released. This transformer is not battery operated and needs to be connected with a normal 230 V main power supply.



PRESIDENT

Create privacy with an open look and feeling

The movable glass walls of our President series are elegant, offer countless practical applications and create a perfect partition for those who are foremost interested in to combine spaciousness, design and transparency.

President

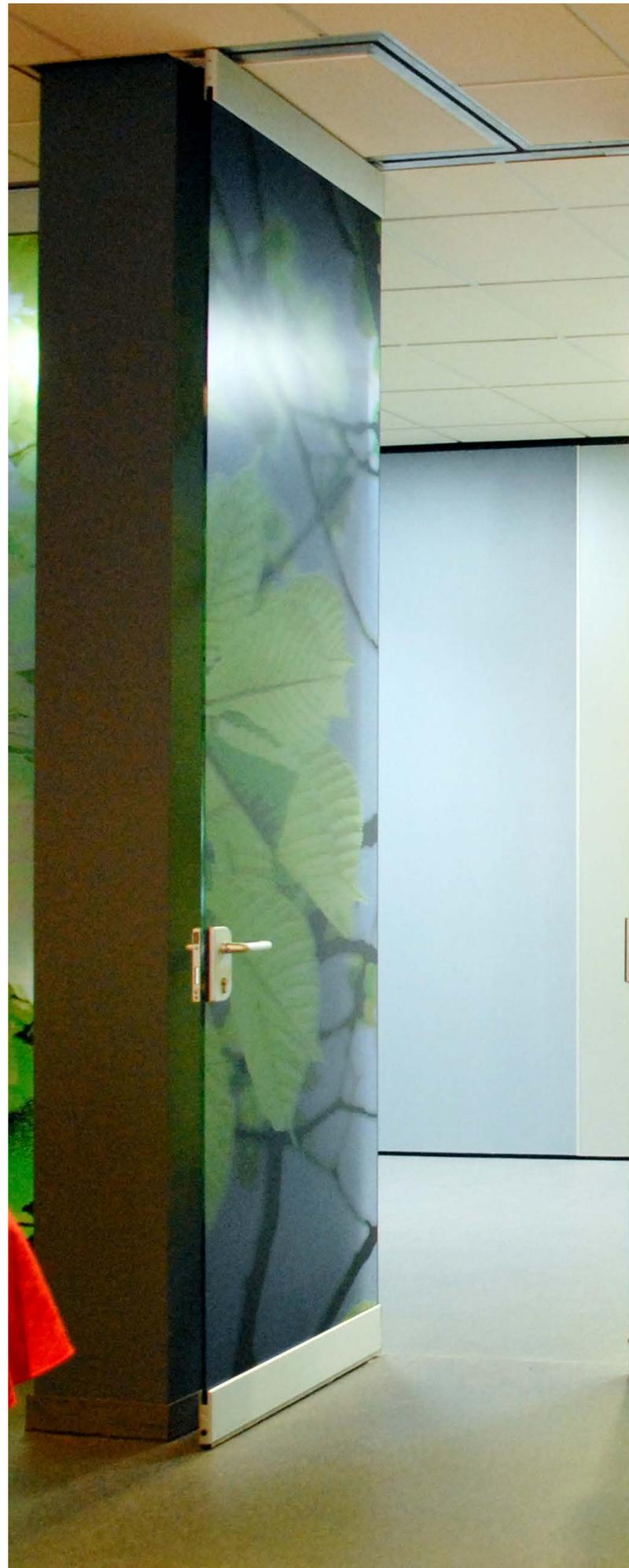
- Completely transparent partition
- Height up to 3.5 meter
- Curved segmented models available
- High-quality track and trolley system
- Extremely durable clamping construction without necessity of drilling the glass
- Vertical profile with magnetic rubber
- Variety of colours for glass clamps and vertical profiles





Advantages of a well engineered design

Perfection to even the tiniest details: that's one of our typifying characteristics. From raw materials and a perfectly monitored production process to finished products of highest quality. Our standard options include an extensive choice of glass types and finishes. Regardless of whether your interior is dominated by light or dark colours: the aluminium parts of our President series are available in nearly every imaginable colour. An important detail: the glass panels of the President series have been developed that vertical aluminium profiles will not be necessary. So you can choose either, glass panels with or without vertical profile (frame).





MONO

Flexibility with robust simplicity

With the Mono we emphasises the most essential aspects of movable walls: flexibility and the efficient use of space in a simple form as possible. The single panels form the basis of a robust accordionstyle folding wall that is very easy to use. The ball bearing trolleys with PVC treads run smoothly and silently along the high-quality aluminium track. This hard-wearing system guarantees an easy and silent operation. The Mono does not require floor guides. Our wall systems aren't only easy to use, they're also to assemble simply. It's simple to install the wall by following the clear installation instructions. The Mono can be installed by one person, in principle. Of course, you may always call our experienced assembly teams as well. The Mono is available in diverse panel widths and many possible combinations, e.g. closure on one side, centre closure or closure on both sides. It's also possible to connect several walls together. The closing post is fitted with a simple lock function. We also offer a heavier lock and a cylinder euro lock. When the wall is completely open, the panels form an attractive partition that takes up very little space.

MONO

- Single folding wall
- Choice of several panel widths
- Perfectly easy to operate
- Easy assembly
- Very attractive price
- Large selection of finishes
- Very "space friendly"



PROGRESS

Budget-friendly flexibility

We put the dynamic use of space within everyone's reach with the Progress. The most important characteristics of this folding wall are ease of operation, compact dimensions and efficient design. Slim construction and a well thought-out, patented hinge system mean that you benefit from great user-friendliness. Despite this lightweight construction, Progress has the desired stability and an excellent acoustic value (Rw) of 28 or 31 dB. With the Progress, you can quickly and effortlessly make new, comfortable rooms. You may choose from closure on one side or centre closure. A cylinder euro lock is optional.

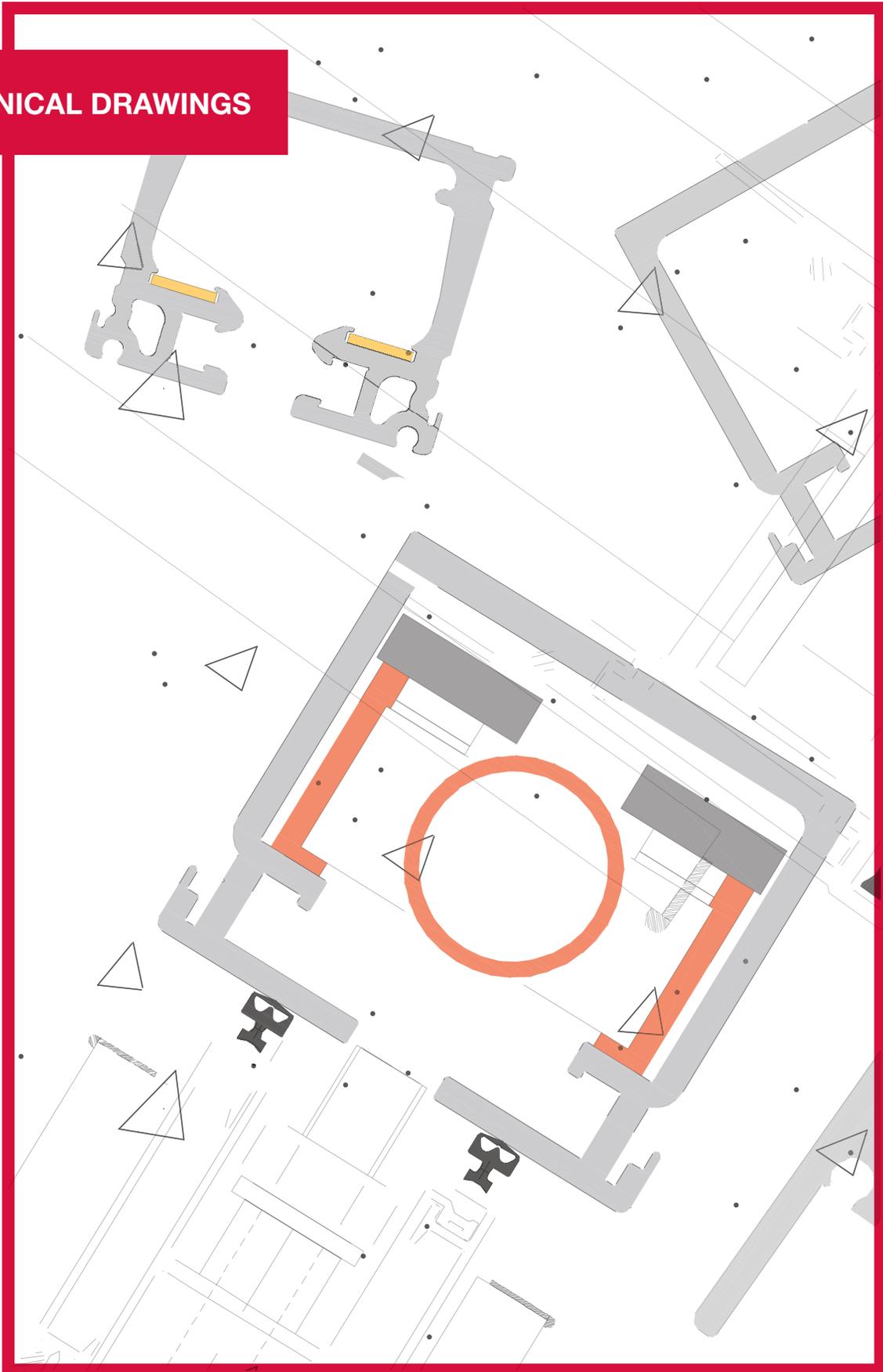
The dB values are measured in accordance with ISO 140 Standard, the Rw values are determined in accordance with ISO 717 Standard. Test reports are available upon request.

PROGRESS

- Double folding wall
- Maximum ease of operation
- Favourable price-quality ratio
- Flat or accordion wall
- Acoustic value (Rw) of 28 or 31 dB

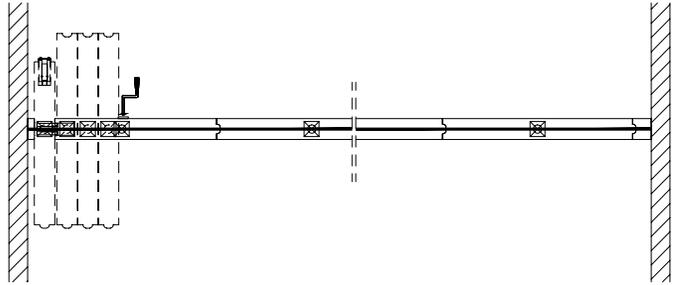


TECHNICAL DRAWINGS



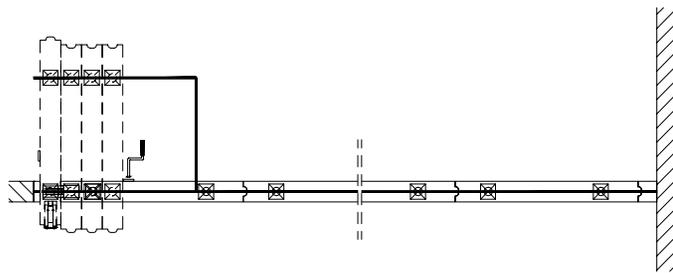
Example: Parking possibilities

1 One-point suspension

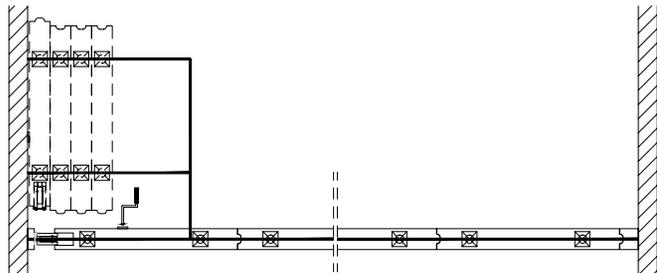


2 Two-point suspension cross guidance

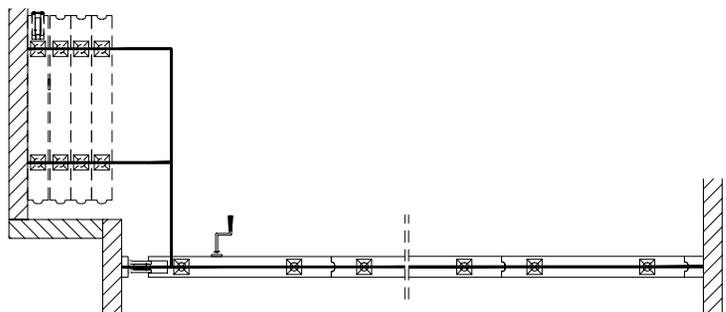
Type 1



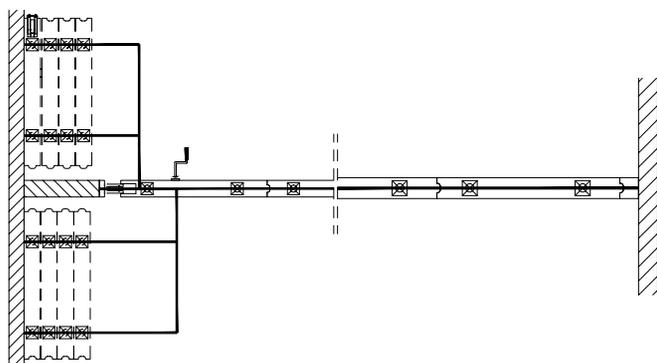
Type 2



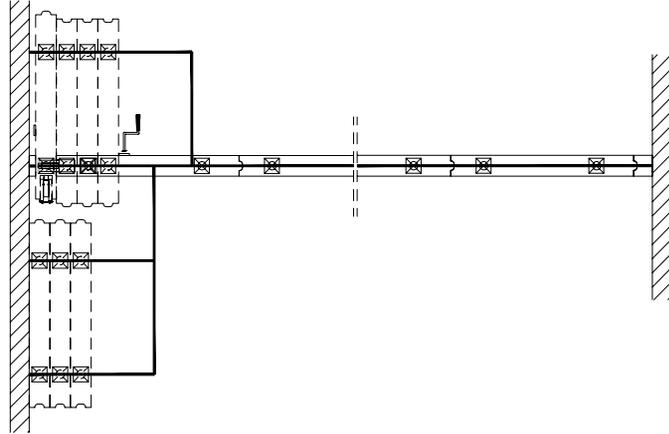
Type 3



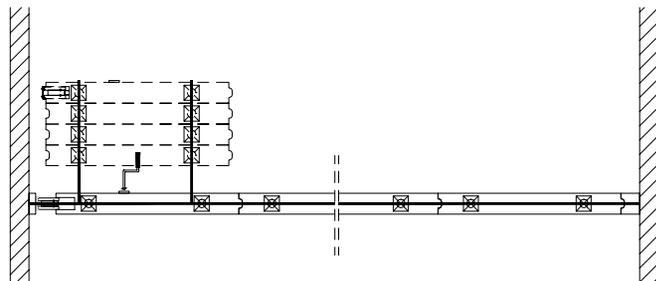
Type 4



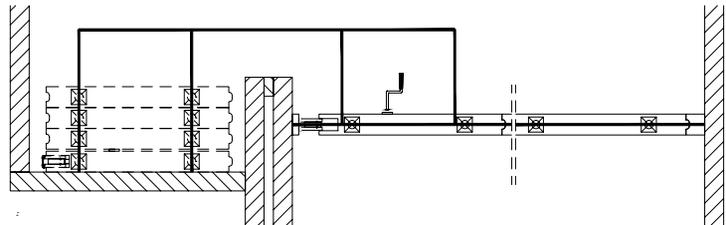
Type 5



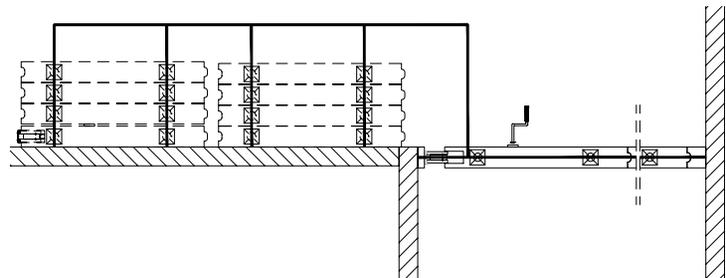
Type 6



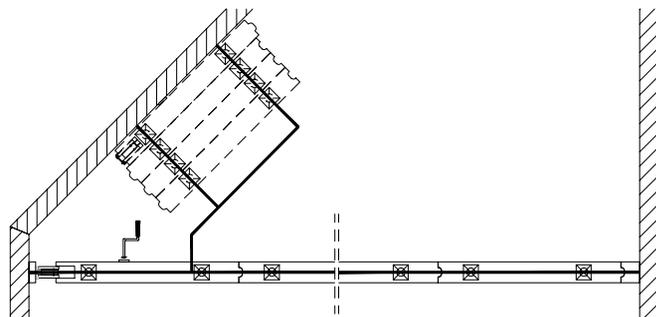
Type 7



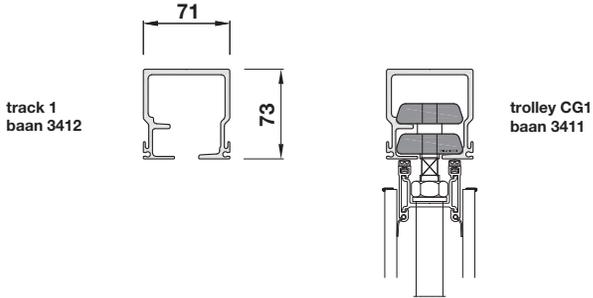
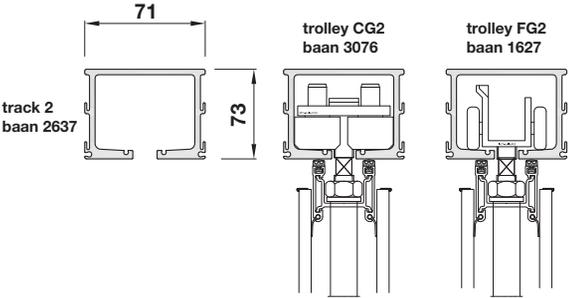
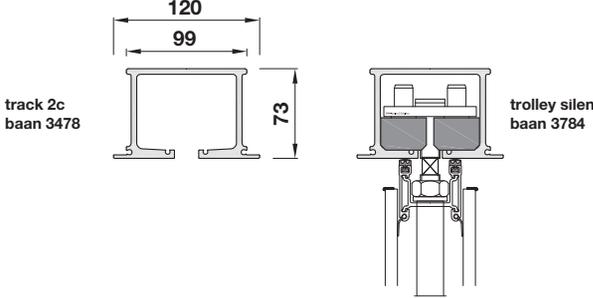
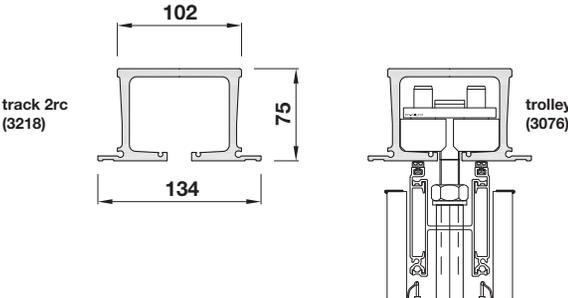
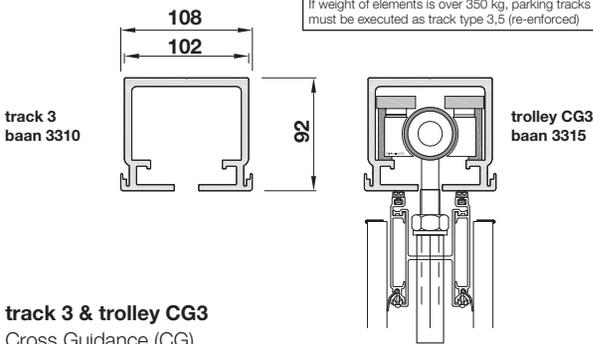
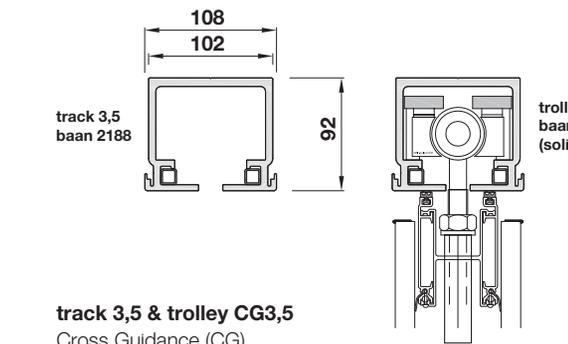
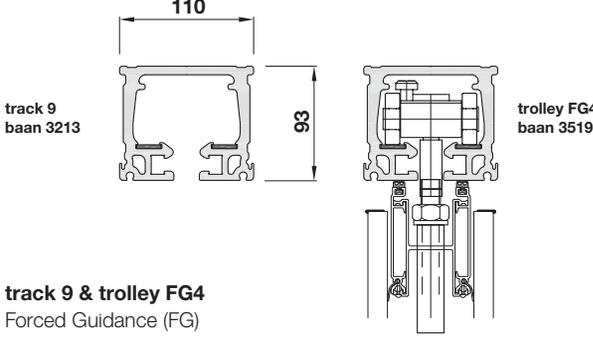
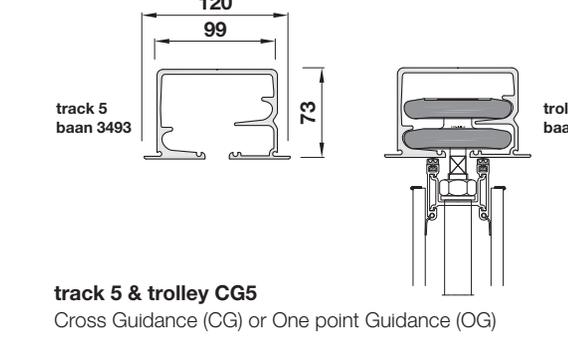
Type 8



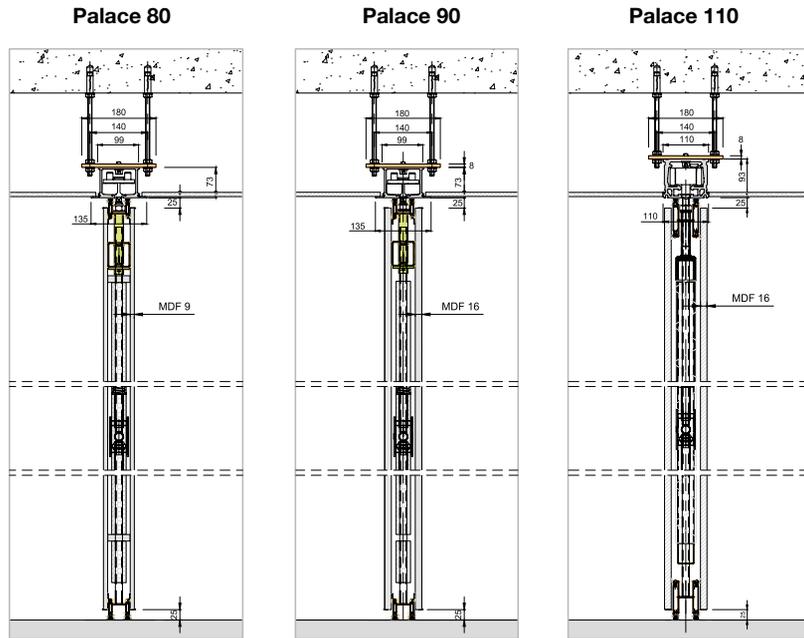
Special type



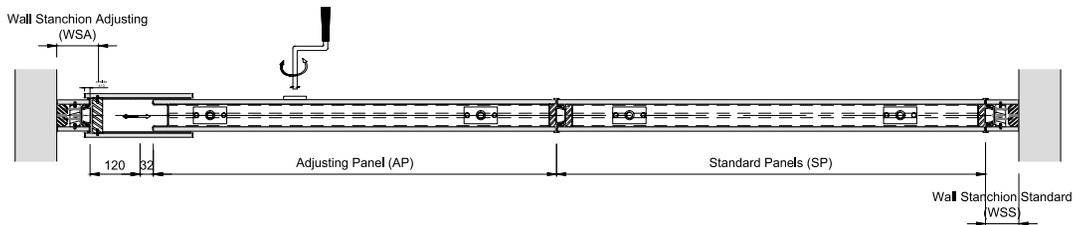
Sample: Track

| | |
|--|--|
|  <p>track 1 baan 3412</p> <p>trolley CG1 baan 3411</p> <p>track 1 & trolley CG1 Cross Guidance (CG) only Maximum load: 75 Kg per trolley = 150 Kg per element (Maximum advise opening height 3100 mm)</p> |  <p>track 2 baan 2637</p> <p>trolley CG2 baan 3076</p> <p>trolley FG2 baan 1627</p> <p>track 2 & trolley CG2 Cross Guidance (CG) or One point Guidance (OG) Maximum load: 225 Kg per trolley / 450 Kg per element (Maximum advisable opening height 4200 mm)</p> |
|  <p>track 2c baan 3478</p> <p>trolley silent baan 3784</p> <p>track 2c (or 2) & trolley CG2 - "silent" Cross Guidance (CG) only Maximum load: 175 Kg per trolley / 350 Kg per element (Maximum advisable opening height 3100 mm)</p> |  <p>track 2rc (3218)</p> <p>trolley 2cg (3076)</p> <p>track 2rc & trolley CG2 Cross Guidance (CG) Maximum load: 275 Kg per trolley / 550 Kg per element (Maximum advisable opening height 5500 mm)</p> |
|  <p>track 3 baan 3310</p> <p>trolley CG3 baan 3315</p> <p>track 3 & trolley CG3 Cross Guidance (CG) Maximum load: 225 Kg per trolley / 450 Kg per element (Maximum advisable opening height 7200 mm)</p> <p><small>If weight of elements is over 350 kg, parking tracks must be executed as track type 3,5 (re-enforced)</small></p> |  <p>track 3,5 baan 2188</p> <p>trolley CG3,5 baan 3691 (solid steel weels)</p> <p>track 3,5 & trolley CG3,5 Cross Guidance (CG) Maximum load: 275 Kg per trolley / 550 Kg per element (Maximum advisable opening height 7200 mm)</p> |
|  <p>track 9 baan 3213</p> <p>trolley FG4 baan 3519</p> <p>track 9 & trolley FG4 Forced Guidance (FG) Maximum load: 800 Kg per trolley / 1600 Kg per element (opening heights > 7200 mm)</p> |  <p>track 5 baan 3493</p> <p>trolley CG5 baan 3495</p> <p>track 5 & trolley CG5 Cross Guidance (CG) or One point Guidance (OG) Maximum load: 175 Kg per trolley / 350 Kg per element (Maximum advisable opening height 4200 mm)</p> |

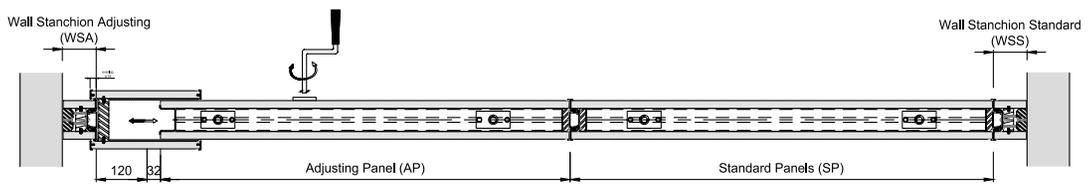
Section details



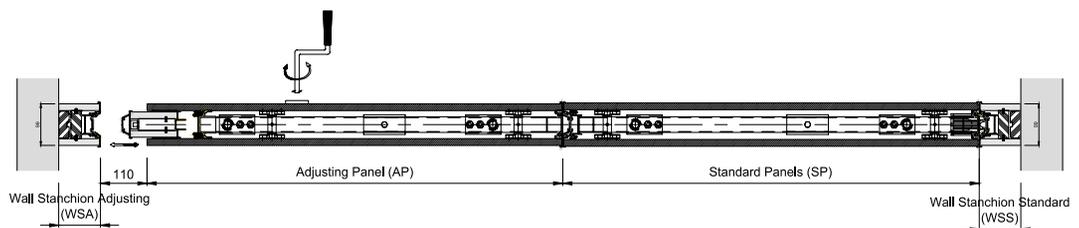
Element details: Palace 80



Element details: Palace 90

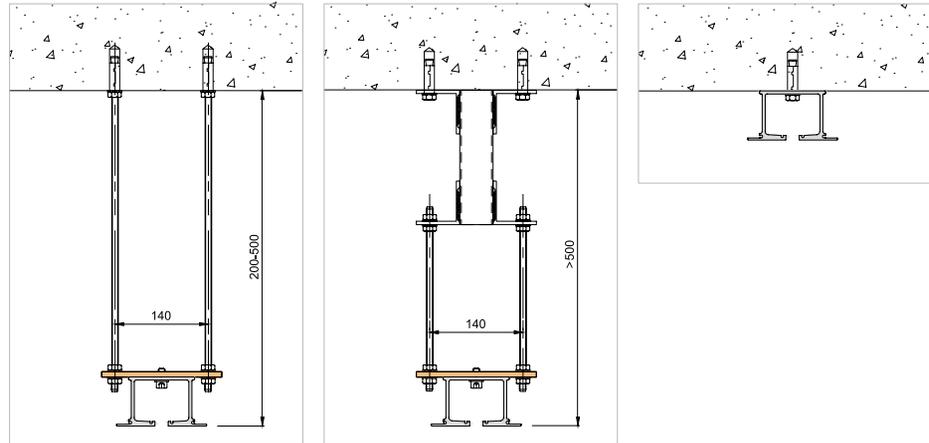


Element details: Palace 110

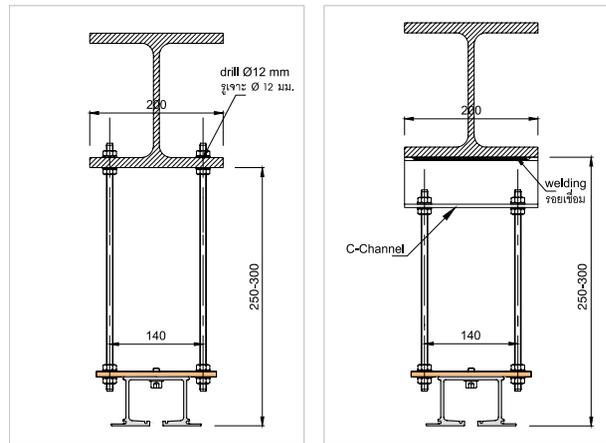


Sample: Support

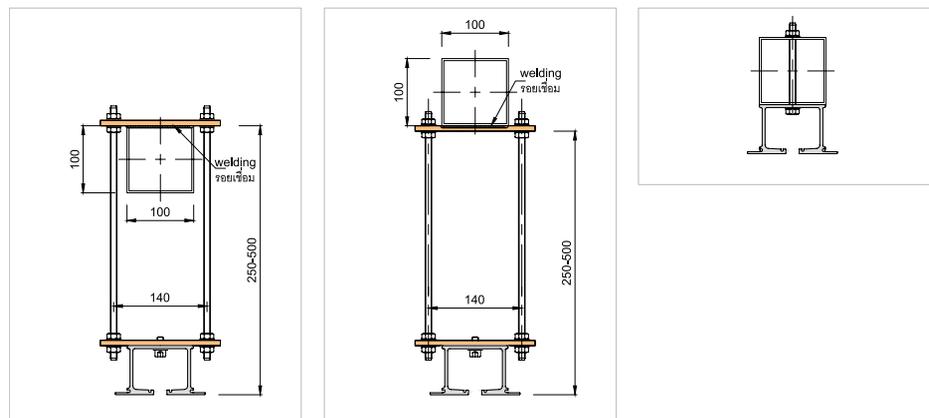
Concrete slab



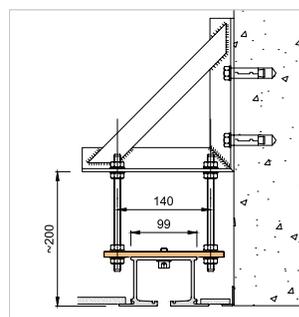
H-beam



Steel tube



Others





Pre-Sales-Service

- Technical consultation
- Support in specifying products
- Writing specifications
- Creating detailed hardware sets

Sales-Service

- Technical consultation
- Support in specifying products
- Writing specifications
- Creating detailed hardware sets

After-Sales-Service

- Handling of complaints/claims
- Warranty & service agreements

Experience the 360° comprehensive project solutions from Häfele on the basis of eight different building projects with concrete example solutions. In each case, the starting point is a specific customer requirement, which has been planned, solved and implemented in accordance with the functional, economic and design requirements. Manufacturer independent advice about architectural hardware and furniture fittings is a central pillar when doing this.

CERTIFICATIONS

Movable Wall Systems



CERTIFICATE OF APPROVAL

This is to certify that the Quality Management System of:

Parthos B.V.
Industrieterrein 25
5981 NK Panningen
The Netherlands

has been approved by Lloyd's Register Quality Assurance to the following Quality Management System Standard:

ISO 9001 : 2008

The Quality Management System is applicable to:

Development and manufacturing of movable wall systems.

| | | | |
|--------------------------|---------------------|---|-------------------|
| Approval Certificate No: | Original Approval | : | 19 September 1997 |
| RQA652015 | Current Certificate | : | 1 October 2015 |
| | Certificate Expiry | : | 30 September 2018 |

Issued by: Lloyd's Register Nederland B.V.



K.P. van der Mandelelaan 41a, 3062 MB Rotterdam, Nederland
 This approval is carried out in accordance with the LRQA assessment and certification procedures and monitored by LRQA.

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This is to certify that the Environmental Management System of:

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The Netherlands

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ISO 14001 : 2004

The Environmental Management System is applicable to:

Development, manufacturing, installation and servicing of movable wall systems and interior contracting.

| | | | |
|--------------------------|---------------------|---|-----------------|
| Approval Certificate No: | Original Approval | : | 1 February 2015 |
| RQA667738 | Current Certificate | : | 1 February 2015 |
| | Certificate Expiry | : | 31 January 2018 |

Issued by: Lloyd's Register Nederland B.V.



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SCS Global Services does hereby certify that an independent audit has been completed and conformity to the applicable standard(s) has been confirmed for:

Parthos BV

Industrieterrein 25, 5981 NK Panningen, The Netherlands
 Parthos Deutschland GmbH - Helmut-Grasshofstrasse 20, 41179 Mönchengladbach, Germany

This certificate covers the manufacturing of mobile wall systems and interior furniture products using the transfer system.

The facility(s) are hereby Chain of Custody certified to sell products as:

FSC 100%, FSC Mix, FSC Recycled

The assessment has been conducted by Scientific Certification Systems (SCS) in accordance with the rules of the Forest Stewardship Council® A.C. (FSC).
 FSC Standard: FSC-STD-40-003 V2-1; FSC-STD-40-004 V2-1

Certificate Code: SCS-COC-005198 Trademark License Code: FSC-C124545
 Valid from 26 February 2015 to 25 February 2020

This certificate itself does not constitute evidence that a particular product supplied by the certificate holder is FSC Certified (or FSC Controlled Wood). Products offered, shipped or sold by the certificate holder can only be considered covered by the scope of this certificate when the required FSC claim is clearly stated on sales and delivery documents, and the validity of the certificate has been verified on <http://fsc.org>. A list of products that are included in the scope of this certificate may be found at <http://fsc.org> or will be provided by SCS on request. This certificate shall remain the property of SCS, and this certificate and all copies or reproductions of this certificate shall be returned to SCS immediately upon request.



The mark of responsible forestry



Robert J. Hrubes, Ph.D., Executive Vice President
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Page 2 of 2

HÄFELE INDOTAMA PROJECT REFERENCES

Movable Wall Systems

| No | Name of Project | Height | System | Year | Location |
|----|---------------------------------------|-----------|---------|------|------------------|
| 1 | The Mulia | 9 meter | FG | 2012 | Bali |
| 2 | Hotel Santika Gubeng | 7 meter | FG | 2013 | Surabaya |
| 3 | Singosari Convention Hall | 7.5 meter | FG | 2013 | Malang |
| 4 | Mercure Setiabudi | 7 meter | CG & OG | 2013 | Bandung |
| 5 | Amaris Hotel | 3 meter | OG | 2013 | Bandung |
| 6 | The Chedi Sakala | 4 meter | CG | 2013 | Bali |
| 7 | Ascot Ciputra World | 3.5 meter | OG | 2014 | Jakarta |
| 8 | Raffles Ciputra World | 9 meter | FG | 2014 | Jakarta |
| 9 | Ritz Carlton Sawangan | 5 meter | CG | 2014 | Bali |
| 10 | Indonesia Convention Exhibition (ICE) | 12 meter | FG | 2014 | BSD |
| | - Convention Hall | 9 meter | FG | | BSD |
| | - Meeting Rooms | 5.5 meter | CG | | BSD |
| 11 | Intercontinental Hotel | 9 meter | FG | 2014 | Bandung |
| 12 | Swissbel Watujimbar | 3.5 meter | CG | 2014 | Bali |
| 13 | Skyline Tower | 3.7 meter | CG | 2014 | Surabaya |
| 14 | Alila Hotel | 4 meter | CG | 2015 | Solo |
| 15 | Central Government Office | 3 meter | CG | 2015 | Papua New Guinea |
| 16 | Sense Ballroom Mangga Dua | 3.5 meter | CG | 2016 | Jakarta |
| 17 | Conrad Hotel | 4 meter | CG | 2016 | Bali |
| 18 | Raffles Ciputra World | 3.3 meter | CG | 2016 | Jakarta |
| 19 | Auditorium UK. Petra | 9.8 meter | FG | 2016 | Surabaya |
| 20 | Mercure Hotel | 3 meter | CG | 2016 | Bandung |
| 21 | Auditorium UK. Petra | 9.8 meter | FG | 2016 | Surabaya |
| 22 | Raffles Ciputra World | 3.3 meter | CG & OG | 2017 | Jakarta |
| 23 | Ciputra Hotel | 2.6 meter | CG | 2017 | Semarang |
| 24 | Spark Hotel | 4.2 meter | CG | 2017 | Lampung |
| 25 | Lee Palace Restaurant | 4 meter | CG | 2018 | Jakarta |
| 26 | Westin Hote | 10 meter | FG | 2018 | Surabaya |
| 27 | Avian Tower Office | 2.6 meter | OG | 2018 | Surabaya |
| 28 | Grand Classic Hptel Ballroom | 8 meter | FG | 2019 | Cikarang |
| 29 | Grand Classic Meeting Room | 2.4 meter | CG | 2019 | Cikarang |
| 30 | Grand Classic Meeting Room | 3 meter | OG | 2019 | Cikarang |
| 31 | Grand Classic Meeting Room | 3.2 meter | OG | 2019 | Cikarang |
| 32 | Luxton Hotel | 4.3 meter | CG | 2019 | Bandung |
| 33 | Aloft Hotel Ballroom | 7 meter | CG | 2019 | Jakarta |
| 34 | Aloft Hotel Meeting Room | 3 meter | CG & OG | 2019 | Jakarta |
| 35 | Mall Panakkukang | 4.5 meter | FG & OG | 2019 | Makasar |

PROJECT REFERENCES

Movable Wall Systems



Indonesia Convention Exhibition (ICE), BSD Tangerang



Conrad Hotel, Bali

PROJECT REFERENCES

Movable Wall Systems



Indonesia Convention Exhibition (ICE), Exhibition Hall, BSD Tangerang, 12 Meters



Indonesia Convention Exhibition (ICE), Nusantara Hall, BSD Tangerang, 9 Meters

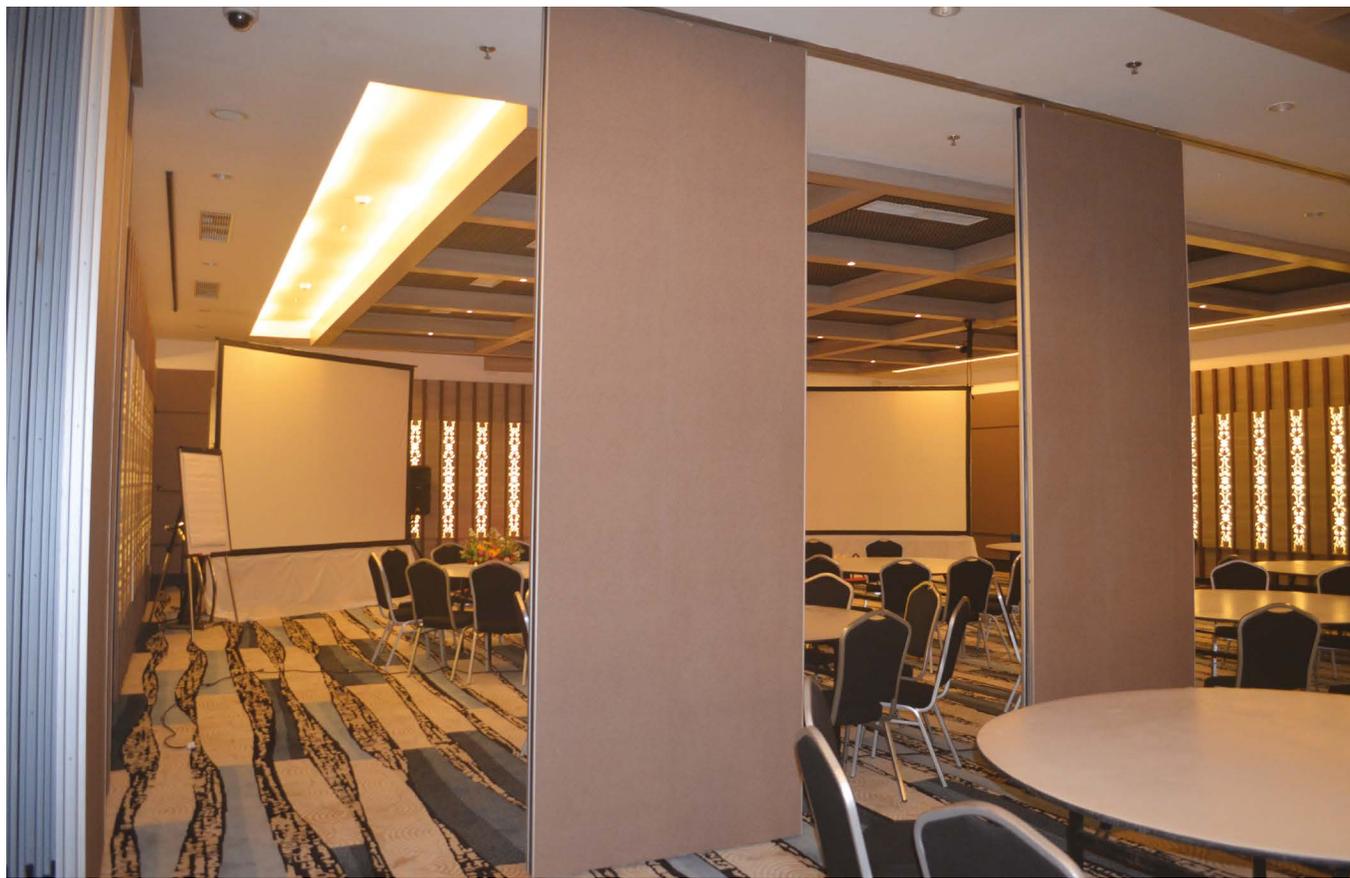


Indonesia Convention Exhibition (ICE), Garuda Hall, BSD Tangerang, 5 Meters



PROJECT REFERENCES

Movable Wall Systems



Swissbel Watu Jimbar, Denpasar Bali





Conrad Hotel, Bali





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