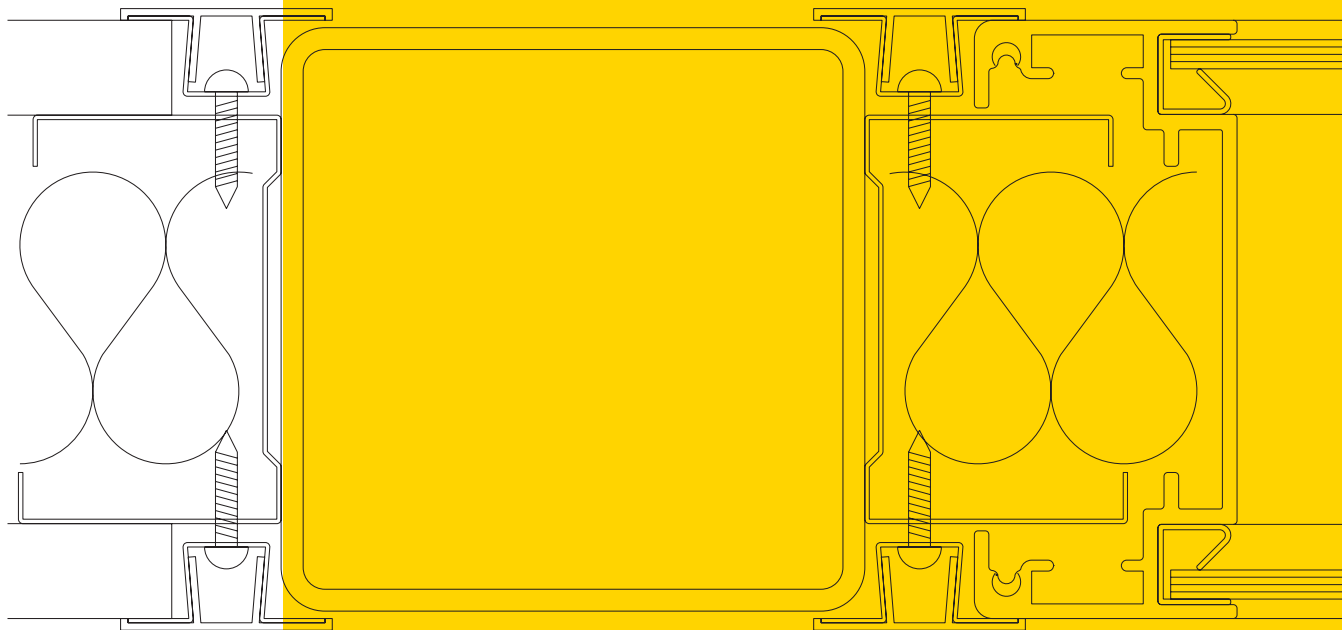


The organisational talent

The system-wall professionals



Separate working areas, promote performance



In an industrial hall a variety of different work processes must be housed and structured. Although the different work processes mostly directly mesh with each other, they must often still be separated from one another.

Without optical and acoustical partitioning, your employees in the administration department would find it very hard to concentrate when the production is running full-tilt right next door. This is a classic case for the Lehnert **wall Industry!** As a multifunctional system-wall, it adapts itself optimally to the existing room and working conditions, creates new order and can be rebuilt again and again without any extra material needs.



Separate what does not belong together

Lehnert wall Industry





System-wall with a view

The demands on modern industrial rooms are very diverse. One time it is important to offer particular soundproofing and heat insulation, another time the room hygiene must be of the highest level. With its variable design and surface concept, the Lehnert **wall Industry** is the flexible and durable system-wall solution in every case and in every functional area. Through the creative use of glass elements, spaciousness and provision of daylight in your industrial hall are preserved, whilst the functional and organisational separation fosters your work processes.

Whether freestanding versions or a partition from the floor to the hall roof – everything is possible with the Lehnert **wall Industry**. Above all in combination with the Lehnert **booth**, new dimensions open themselves up to your room organisation.



Separate what does not belong together

Lehnert wall Industry





A safe, clean solution

Analysis of requirements and individual planning of your desired room are naturally just as much a part of our service as guaranteed dates, costs and constructional safety. Your regular office routine need not be interrupted for the professional and clean assembly of your walls. Electrical and computer cables and water pipes are, of course, laid out of sight in the walls.

Being system-wall professionals means for us:

- Planning and manufacturing with CAD
- In-house production of glass elements for all systems
- Colour-coating of aluminium, steel and plastic parts
- Manufacture of special structures in our steel construction department

One-source planning and delivery ensures that our customers' projects flow smoothly, from drafting the proposal to installation.



Separate what does not belong together

Lehnert wall Industry





Technical data

	Standard	Option
Dimensions	Wall length unlimited Wall height up to 12 m, freestanding up to approx. 3,500 mm Wall thickness, 82 mm	min. 69 mm as wall panelling 107 mm with fourfold wall panels
Grid	1000 mm + adjusting elements	Intermediate grids < 1250 mm possible
Weight	approx. 30 kg/m ²	to 42 kg/m ²
Sub-frame	galvanised C-profile support with horizontal bracings For freestanding or higher versions, with strengtheners made from square tube	
Insulating material		Up to 50 mm mineral wool
Constructional joints	Ceiling/wall: surround U-profile, powder-coated Floor: interior U-profile, galvanised Plastic skirting board For freestanding version, top and side joints made of square tubing	Floor, ceiling and wall joint profiles recessed Floor, ceiling and wall profiles as divided profiles Joint profiles: steel or aluminium
Installations	up to 25 mm diameter; horizontal and vertical	Complete sanitary installation as prefitted panel
Wall panels	Melamine-laminated chipboard 2 x 13 mm, surface according to colour chart Fastening with plastic cover profiles	Gypsum board support coated with vinyl sheeting Patterned surfaces Plastic panels for wet areas Raw gypsum board panels for tiling Steel cover profile Steel cover profile with PVC weather-strip Aluminium cover profile Powder-coating/enamelling according to RAL Anodising
Fire protection	Full wall, F0	Full wall: F30 up to Hmax 3,500 mm Glazing, F30/G30
Sound insulation	Full wall R _{wP} = 43 dB (with acoustic infill)	Full wall up to R _{wP} = 53 dB
Glazing	Single or double glazing in aluminium frames, powder-coated	Glazing suitable for cleanrooms, installed flush in steel frames with PVC strips Hinged tilt window, for opening and reaching through Sliding window All types of glass up to 7 mm Blinds: installed between the glass panes, vertical or horizontal, with manual or electrical operation
Door frame	Rounded aluminium frame, 3-dimensional hinge pocket adjustable	Steel frame with folding door leaf Steel frame with special folding construction for increased soundproofing
Door leaf	40 mm, dull slamming, Chipboard tube core Surface melamine-laminated according to colour chart	Soundproof door leaf Full glass door leaf, ESG Soundproofed, double-rebate, door leaf, 55 mm Sliding door Door with steel surface "softtouch" Double-leaf door Swing-door Aluminium-frame door Door leaf: climatic class I – III
Doors, gates		Sliding doors, high-speed doors, Sectional doors
Fittings	Stainless steel handle, U-Form	All commercially available door fittings and handles possible Door accessories: Top closer, Entry control, floor sealing
Colour design	Powder-coated aluminium and steel parts in RAL9010, plastic parts varnished RAL9010	RAL-, NCS- and DB colours



Separate what does not belong together

