HODAPP
Doors that matter.

# Conveyor system closures

# Content





**Further Information:**

# Hodapp

## Our expertise, ensuring your safety.





Hodapp GmbH & Co. KG from Achern-Großweier has been involved for many decades in the manufacture of special doors and gates that have to meet special requirements. In addition to an extensive range for special solutions, industry and tunnel construction, conveyor system closures are also manufactured.

### Construction and Processing

- 3D - CAD constructions
- Individual and customer-specific solutions
- Extensive machinery in production
- Sheet metal and stainless steel production

### Electrical Engineering

- Product development for control modules
- Regional production of system circuit boards
- Control and switch cabinet construction
- Adaptation to individual customer requests

Self-closing and fire-resistant closures prevent the spread of fire. They have the fire resistance duration of the wall and / or ceiling on which they are used.

Fire protection

For separate conveyor systems, various closures can also be designed to be smoke-tight. Both conventional closures and textile closures are available for this purpose.

Smoke protection

Installation next to an explosion protection area is possible depending on the application and type of closure. Individual requirements are taken into account during project planning.

Explosion protection

# Individual complete solutions

## Customized for your safety





### Conveyor system closures

If conveyor systems pass through a fire wall, specially tested and approved „fire protection closures in the course of rail-bound conveyor systems“ are required.

These closures seal wall openings through which, for example, conveyor systems such as roller, chain or belt conveyors or electric monorails are routed.

In order to take into account the different construction types of the systems, the fire protection closures are individually adapted to the respective situation and the specific framework conditions.

Thanks to the low door blade thickness, the closures can be optimally used for separate conveyor systems. Alternatively, they can also be adapted for systems that lead through. In this case, an additional sealing element is added, which dissipates the heat from the conveyor system in the event of a fire.

Depending on the requirements and product type, a surface with fire protection plates, sheet metal cladding or stainless steel is possible. This is also possible in the desired color if required.

Re-opening of the closure is possible both manually and automatically by means of a drive.

### Reliably opened and safely closed in case of fire.

Separation of a high-bay warehouse

# Individual complete solutions

## Customized for your safety





### In-house control technology

The gates are kept open by the approved, battery-buffered hold-open system of the type „HPS-ADVANCED“.

This decentralized control system can be modularly extended by an override control system „HPS-DRIVE“, which controls the conveyor drives in the closing area of the gate in case of fire.

The backup power supply „HPS-POWER“ completes the system control for the supply of these drives.

In order to be able to control the technology reliably sensors, such as fire protection light barriers, are used to reliably control the technology in the event of a fire.

### Project service

Since each plant is an individual solution solution, there are requirements which must be approved by an expert at the end of the project.

If standard solutions are not possible, there is the possibility of special designs. In this case, approval by the building authorities may also be required.

Whatever is required to implement a project, we will accompany and support you with our wide range of products, as well as our specialists with many years of product know-how.

Fire case (gate side facing the fire)

Fire case (fire averted gate opposite side)

# Driverless transport systems

## System automation





If a fire protection door is passed through by a driverless transport system, it is also a conveyor system closure.

This also affects modifications to existing systems, which means that the door system has to be adapted to the new requirements and an expert inspection has to be carried out.

Approved systems are used for retrofitting or the realization of new installations.

When using driverless transport systems, the following requirements and functionalities in particular must be taken into account:

- For control of the transport system, a signal exchange to the hold-open system is required.
- In the event of a fire, the locking system must not close until all vehicles have safely left the locking area of the locking system.
- After a defined time has elapsed, the closure is shut. At the latest 120 seconds after it has been triggered, it is closing, even if there is still material in the closing area.

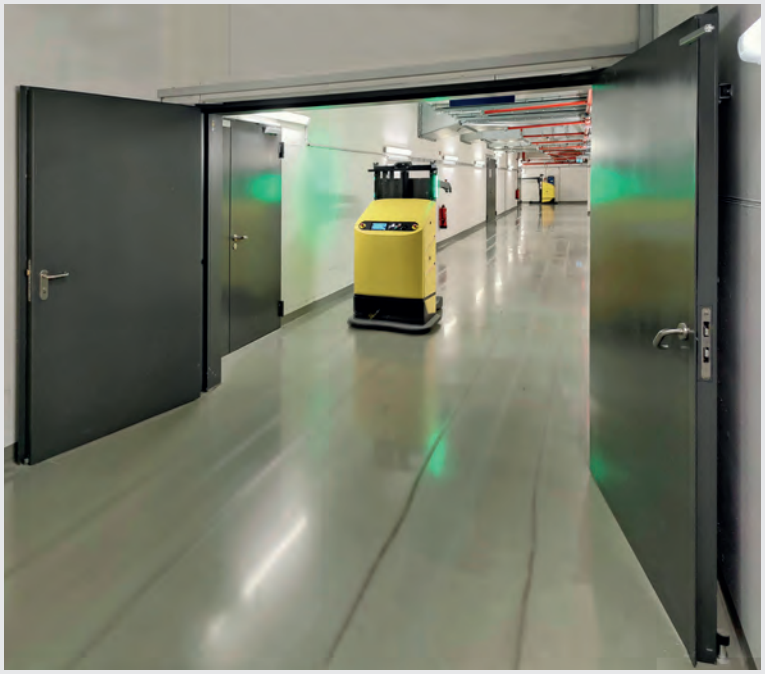
Transport systems

# Driverless transport systems

## System automation







Hinged door

Lifting element

Sliding element

# Sliding elements

## Single and double-leaf | FAA-S-1 | FAA-S-2



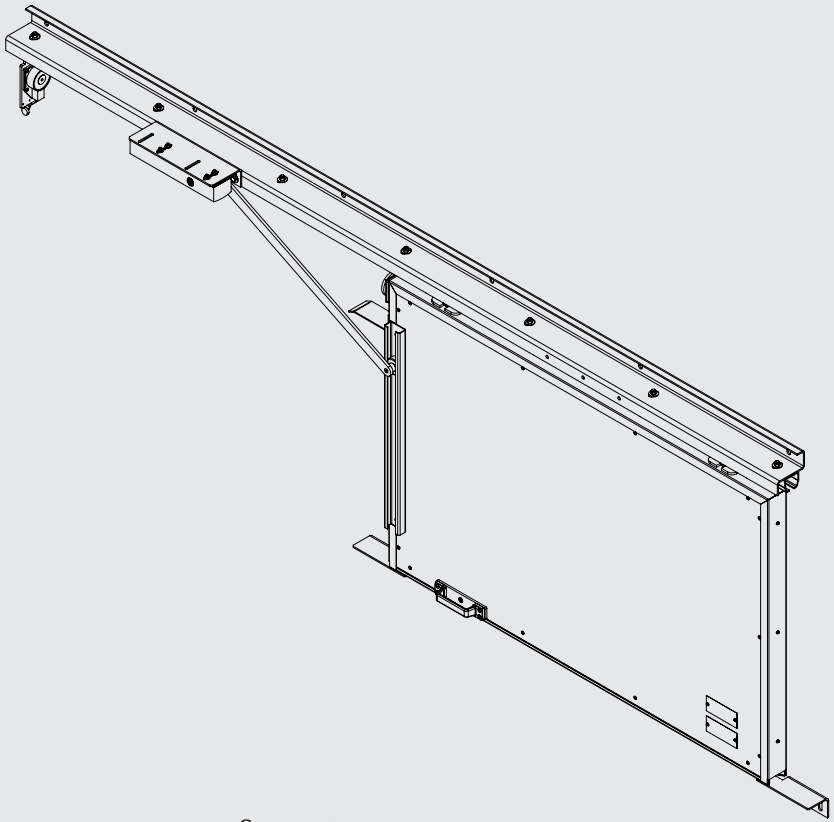


**Surface**

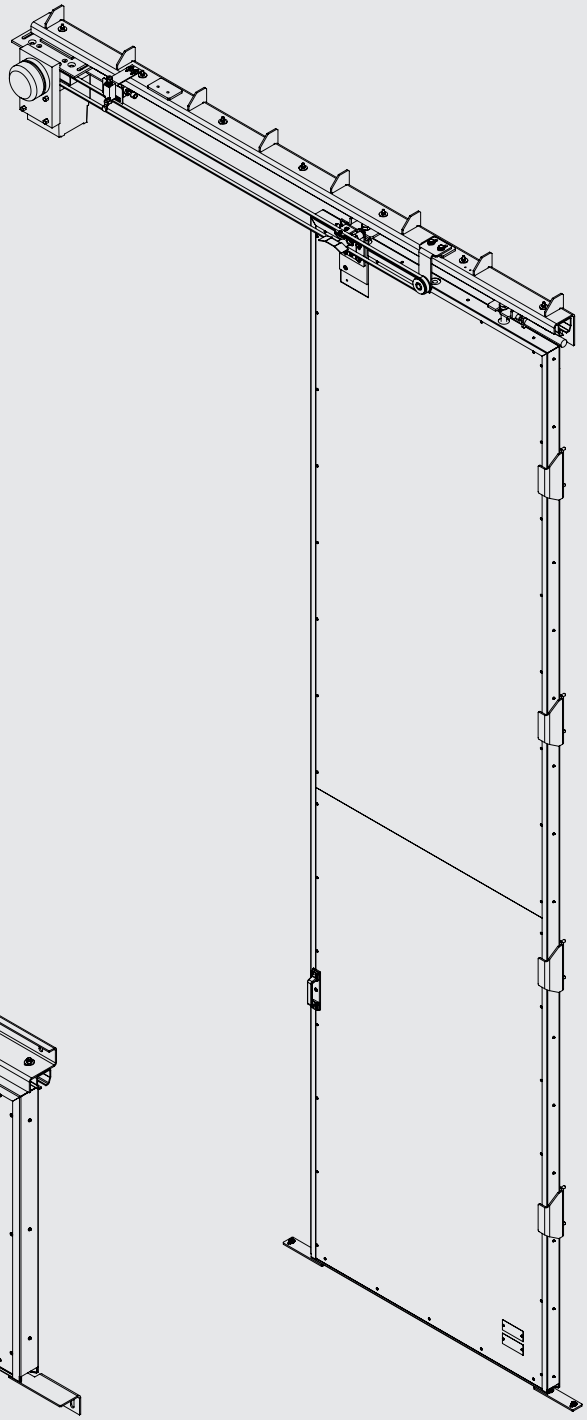
Fire protection plates
Galvanized sheet metal
Stainless steel

**Fire wall**

Masonry
Concrete/reinforced concrete
Aerated concrete block/plate
Lightweight wall F90
Clad steel construction



Seperate
conveyor technology



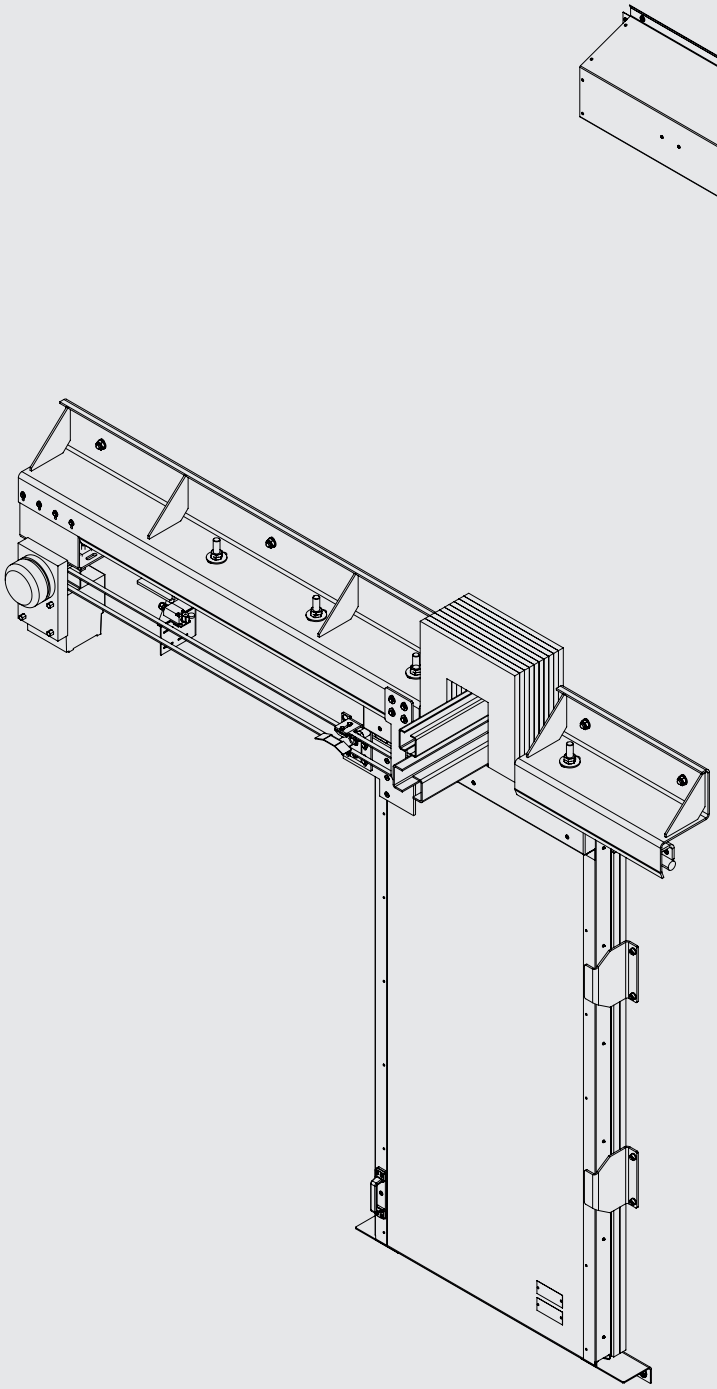
Seperate
conveyor technology

# Sliding elements

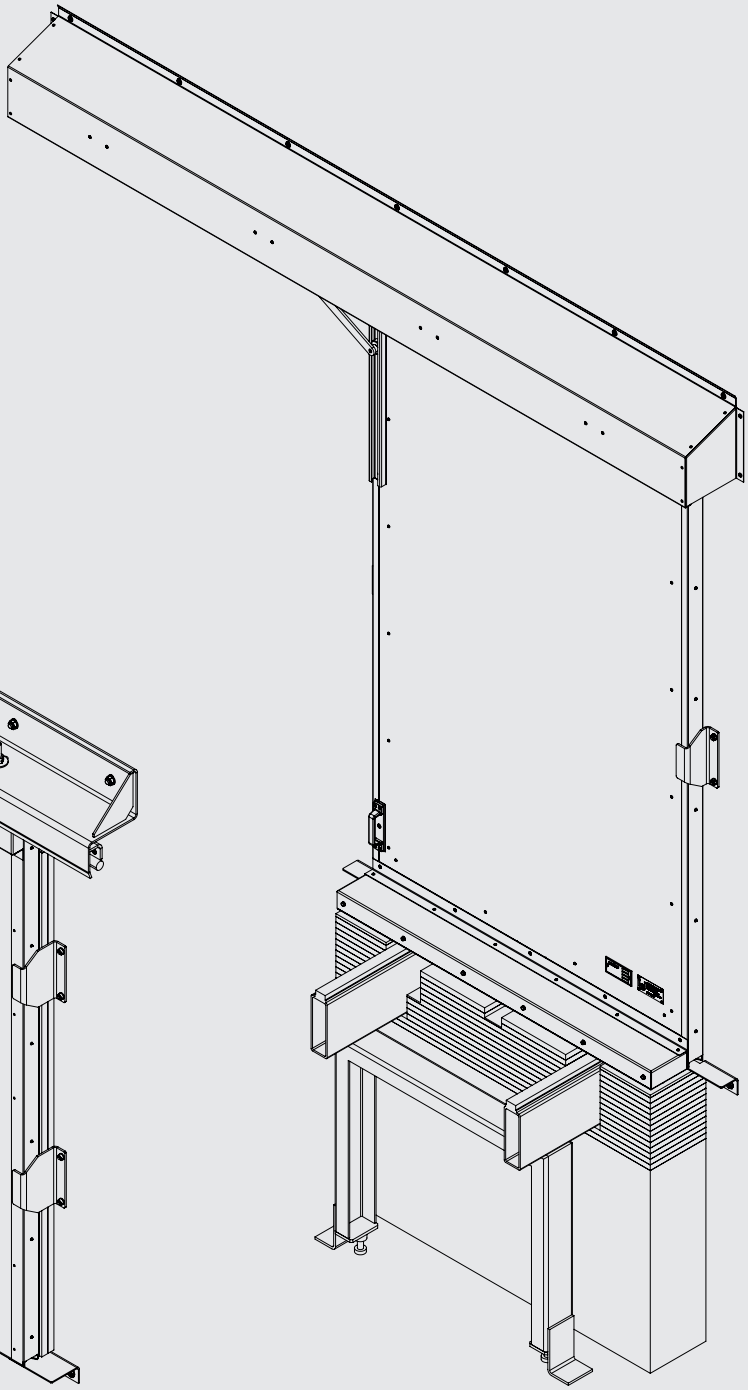
## Single and double-leaf | FAA-S-1 | FAA-S-2







Continuous
Power & Free conveyor



Continuous
chain conveyor

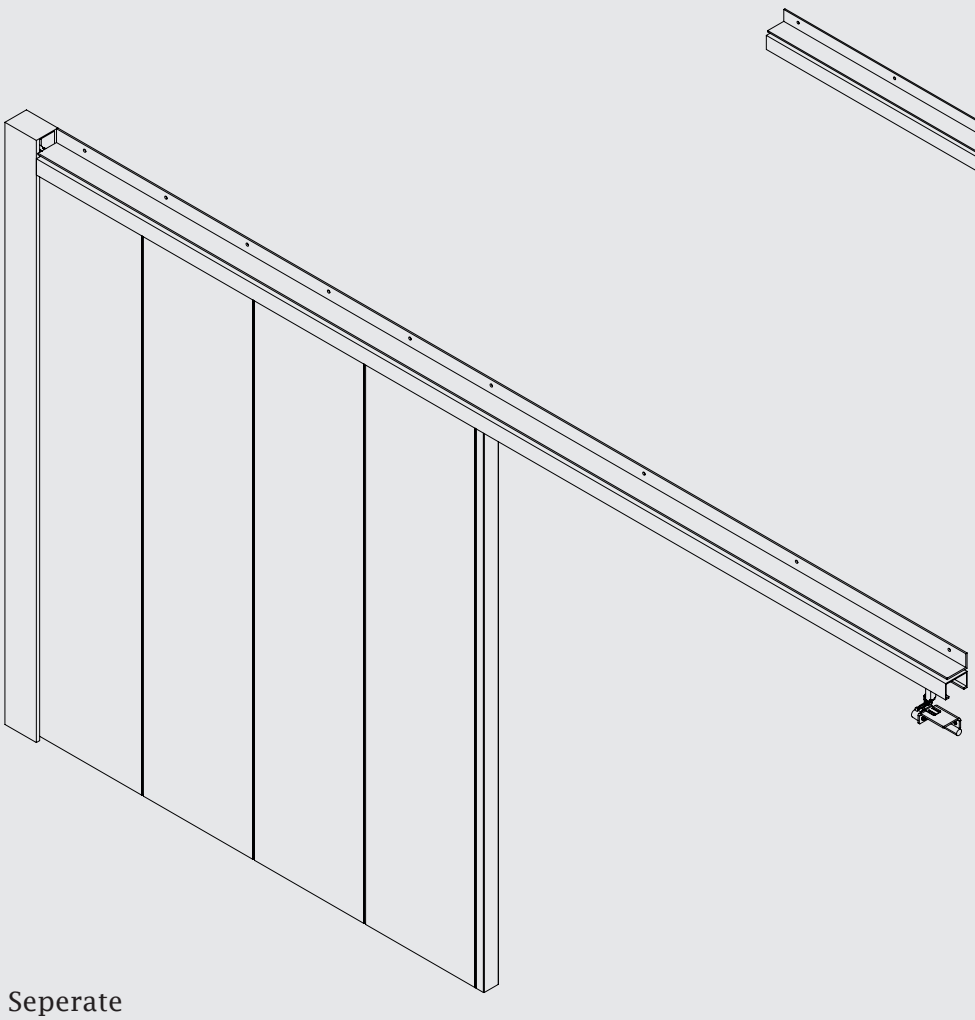
# Sliding elements

## Single-leaf | FAA-ST-1

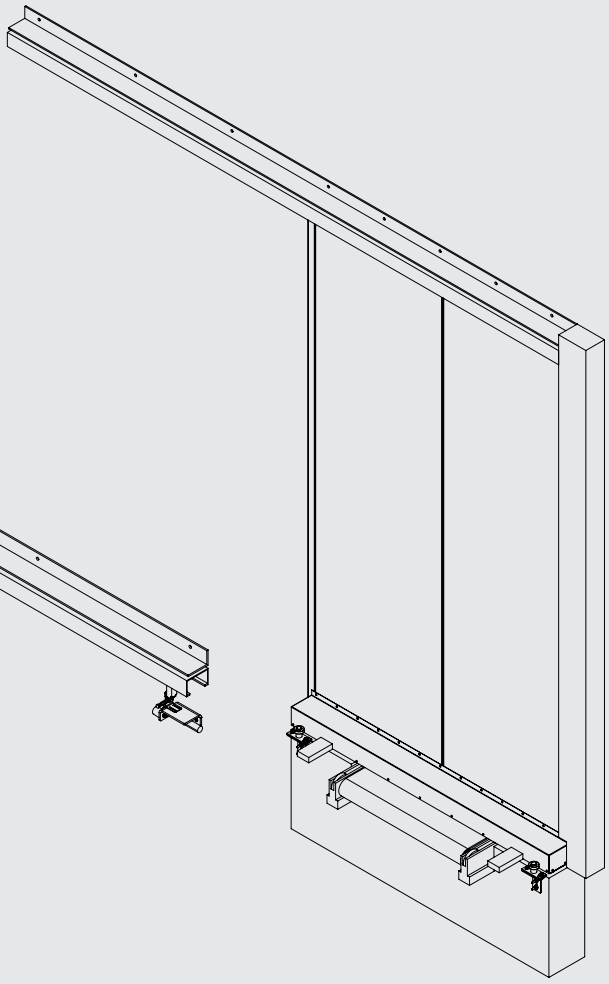


**Surface** Galvanized sheet metal

**Fire wall** Masonry
Concrete/reinforced concrete



Seperate
conveyor technology



Continuous
chain conveyor

# Lifting elements

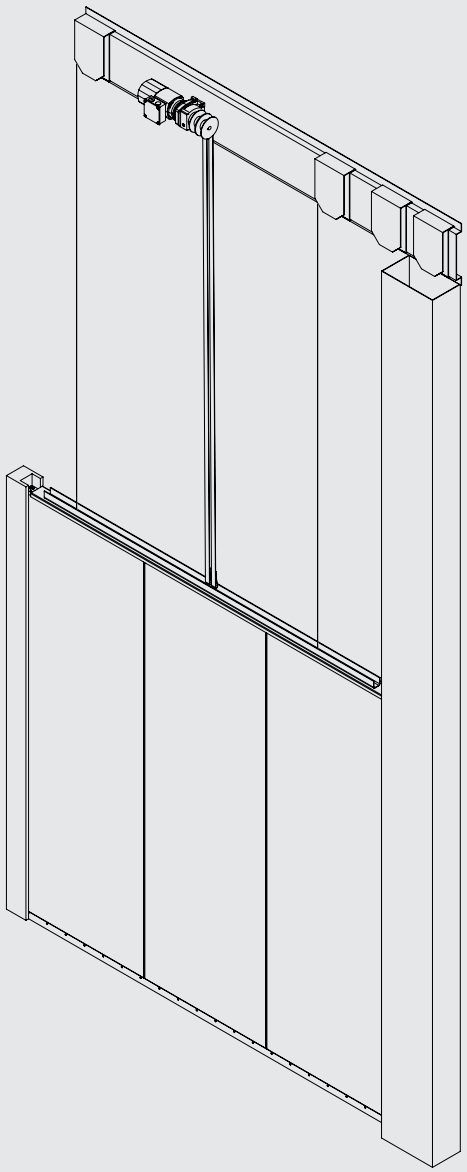
## Single-leaf | FAA-HT-1



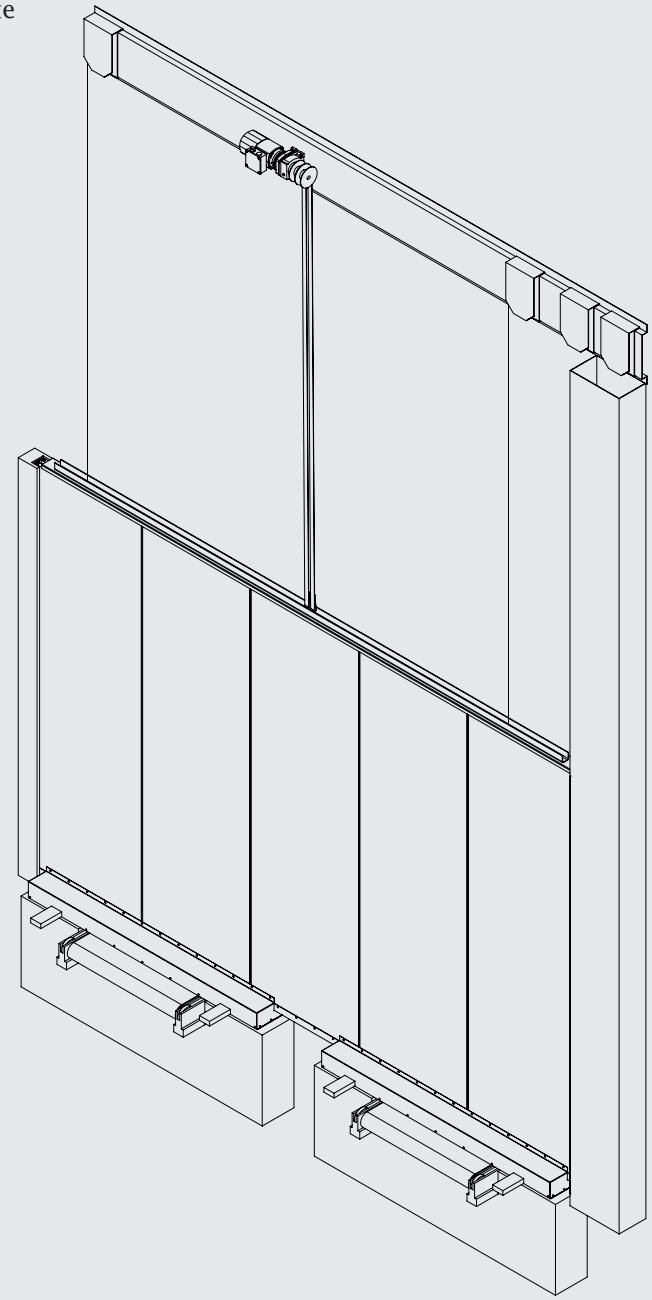


**Surface** Galvanized sheet metal

**Fire wall** Masonry
Concrete/reinforced concrete



Seperate
conveyor technology



Continuous
roller conveyor

# Lifting and lowering elements

## Single-leaf | FAA-H-1



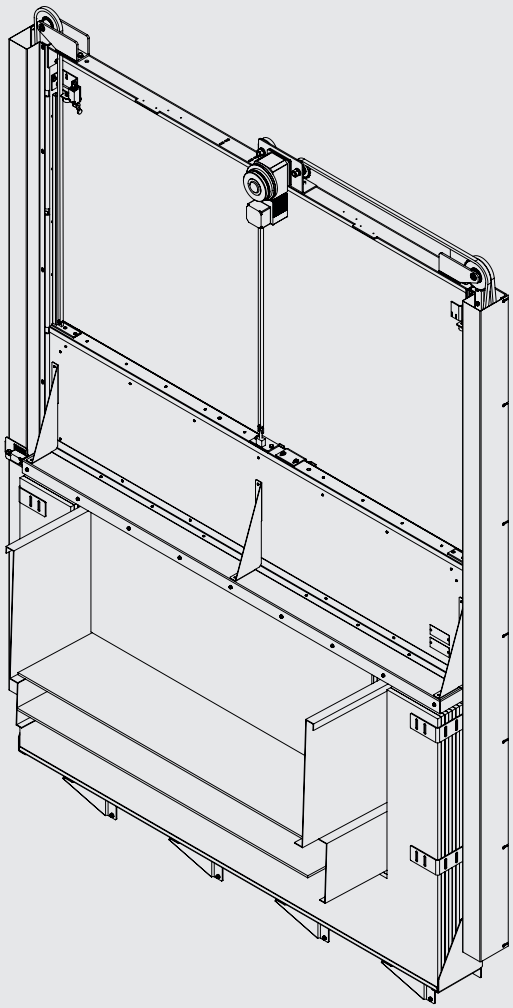


**Surface**

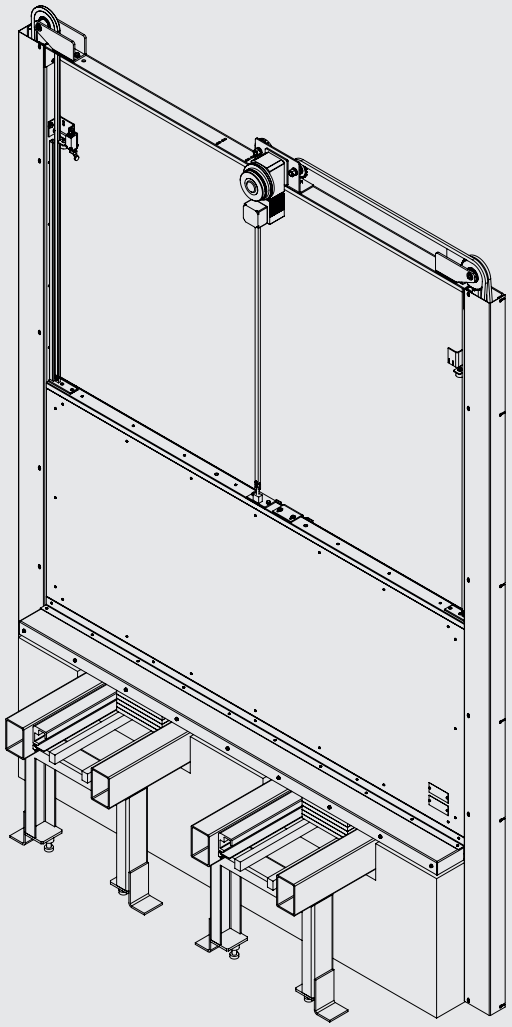
Fire protection plates
Galvanized sheet steel
Stainless steel

**Fire wall**

Masonry
Concrete/reinforced concrete
Aerated concrete block/slab
Lightweight wall F90
Clad steel construction



Continuous
belt conveyor



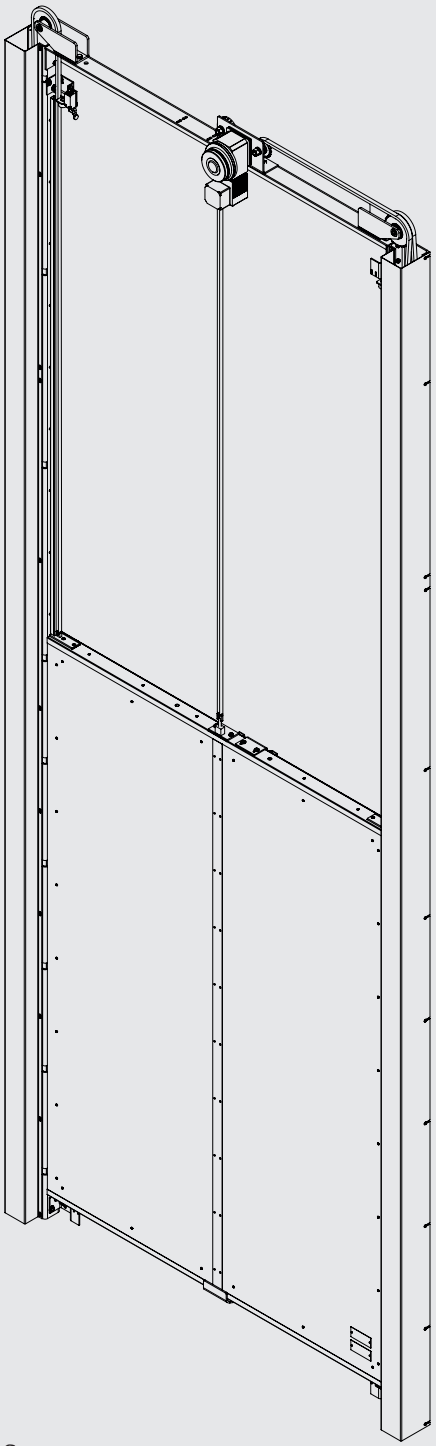
Continuous
chain conveyor

# Lifting and lowering elements

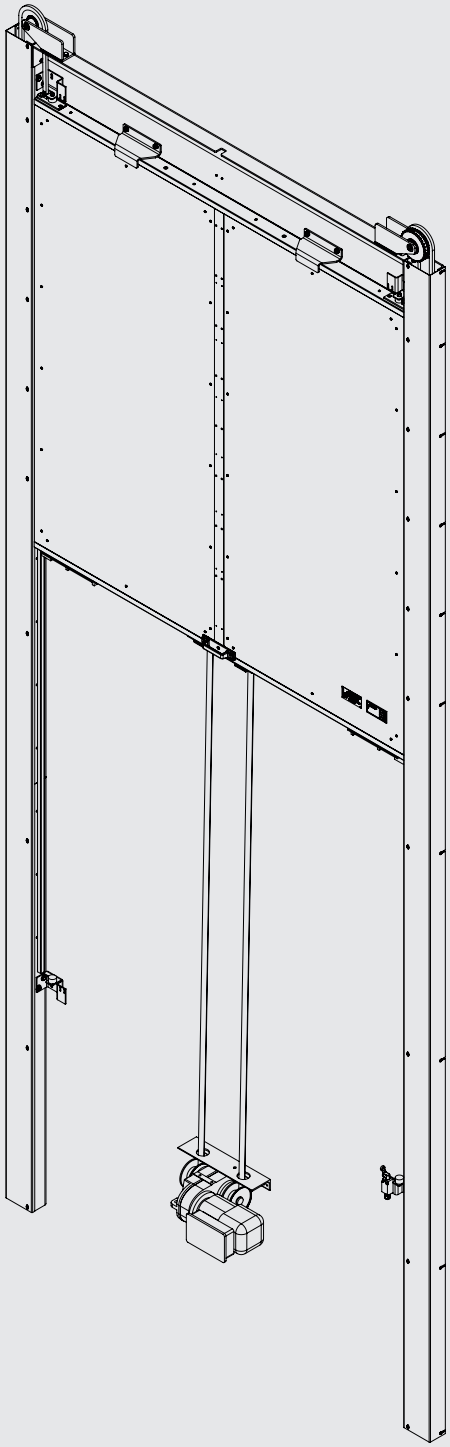
## Single-leaf | FAA-H-1







Separate
conveyor technology



Separate
conveyor technology

# Hinged doors

## Single and double-leaf | FAA-D-1 | FAA-D-2

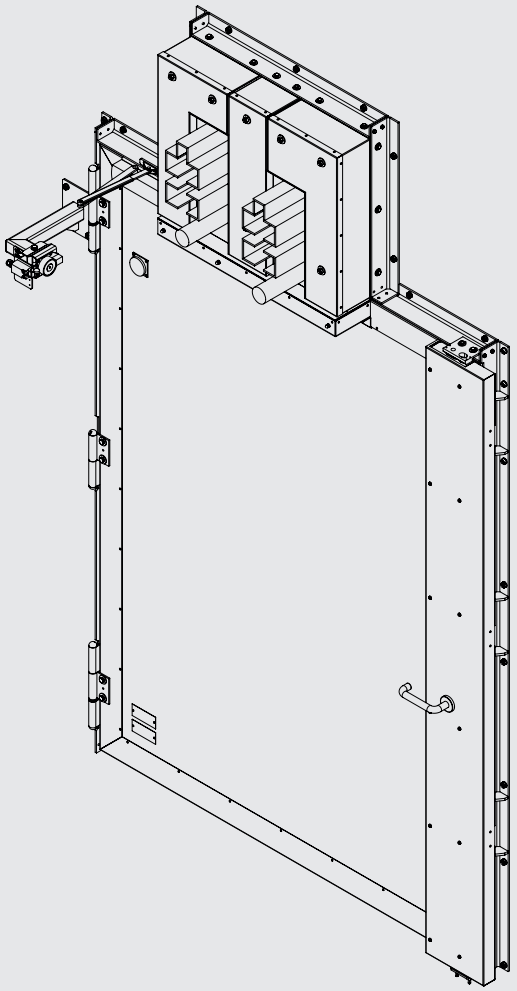


**Surface**

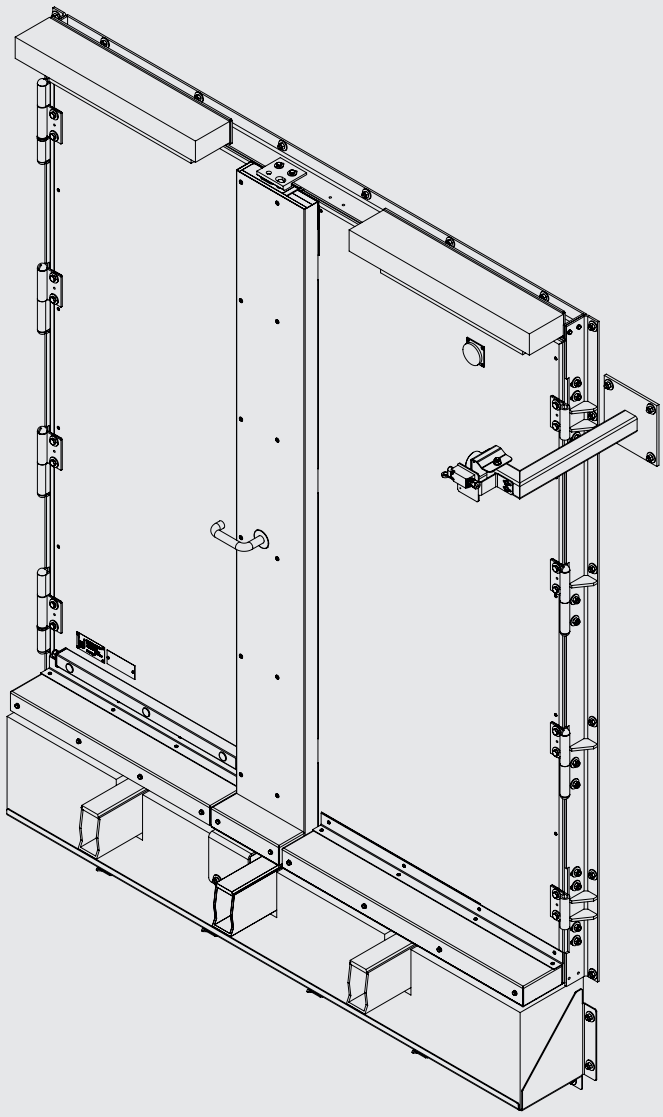
Fire protection plates
Galvanized sheet metal
Stainless steel

**Fire wall**

Masonry
Concrete/reinforced concrete
Aerated concrete block/plate
Lightweight wall F90
Clad steel construction



Continuous
tubular web



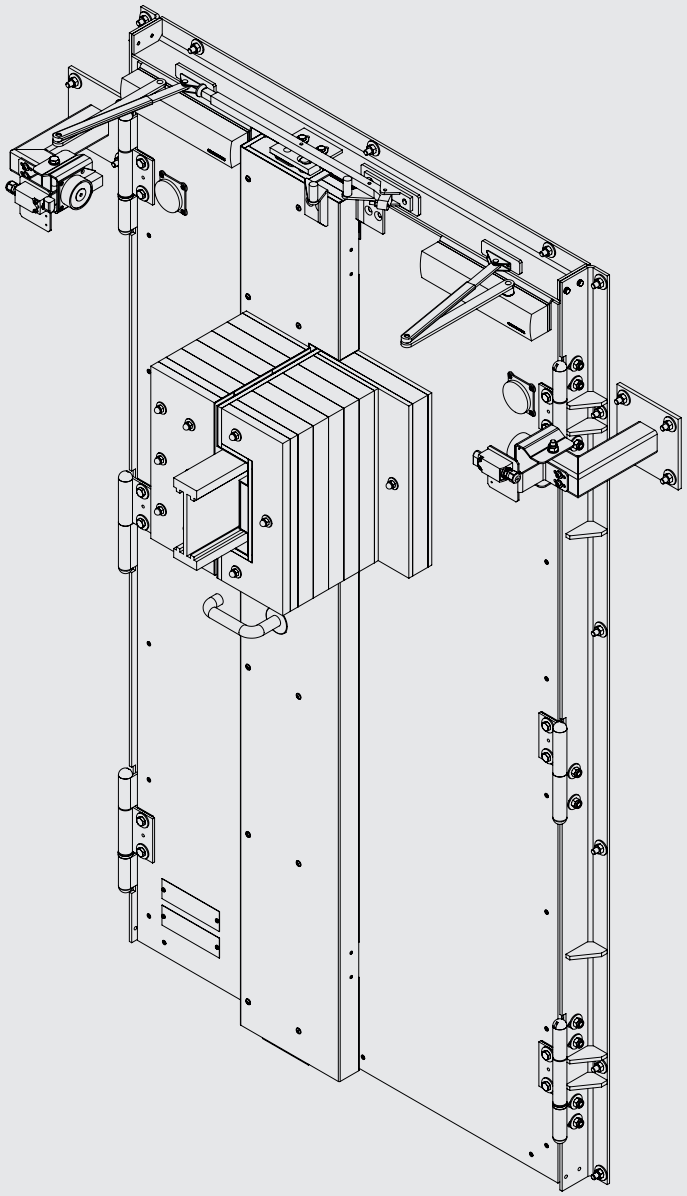
Continuous
chain conveyor

# Hinged doors

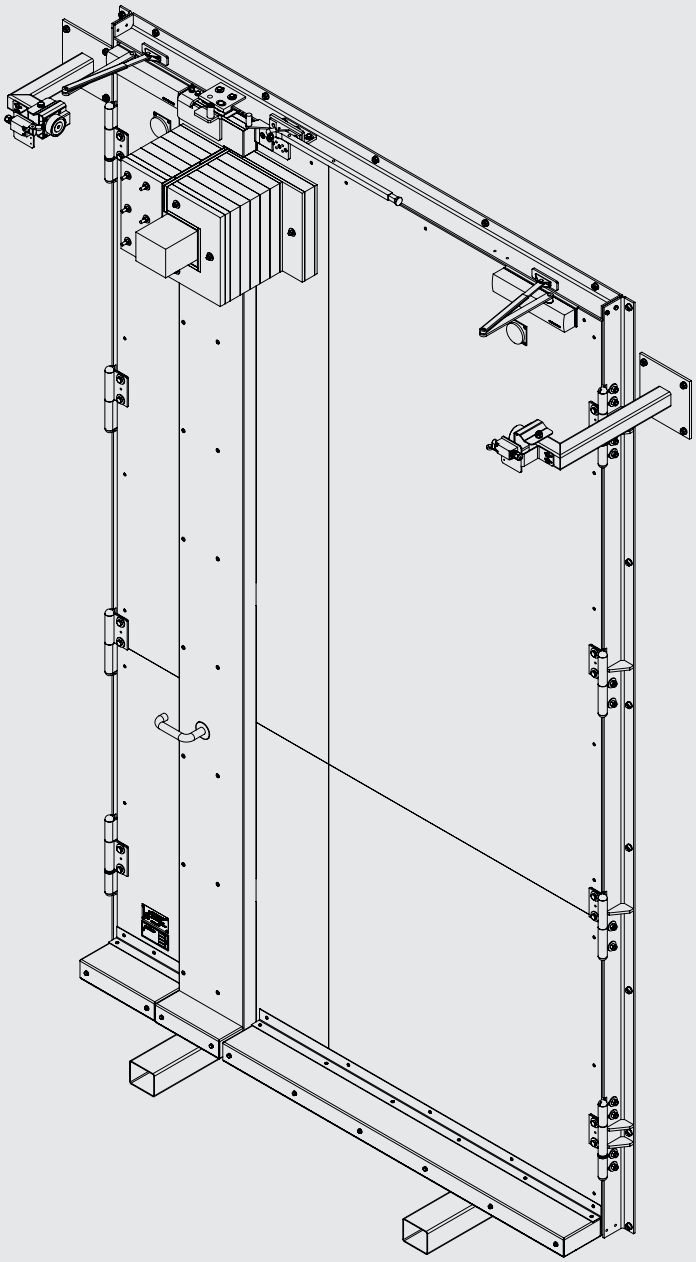
## Single and double-leaf | FAA-D-1 | FAA-D-2







Continuous
aluminum EHB rail



Continuous
aluminum EHB rail
and floor conveyor

# Slider for ceiling and floor installation

## Single-leaf | FAA-B-1



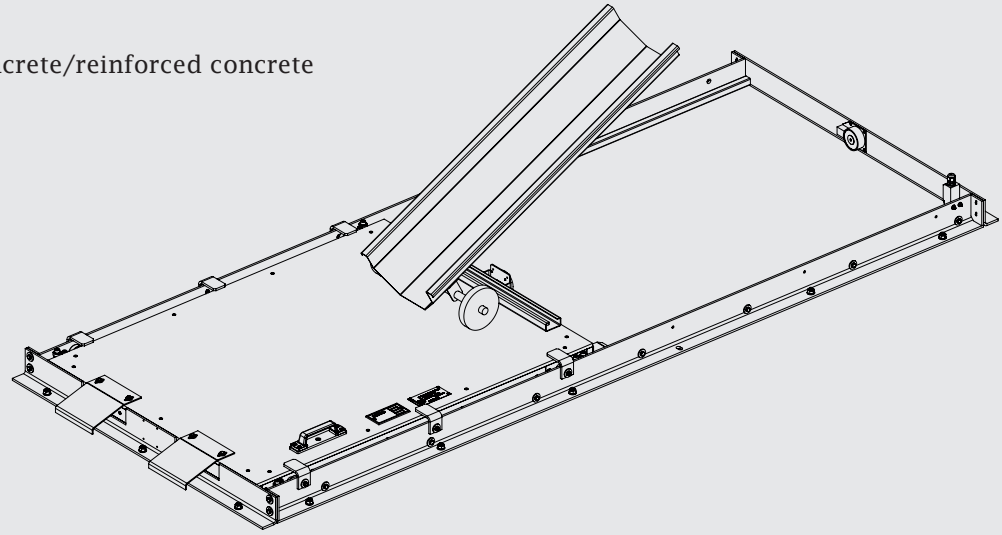


**Surface**

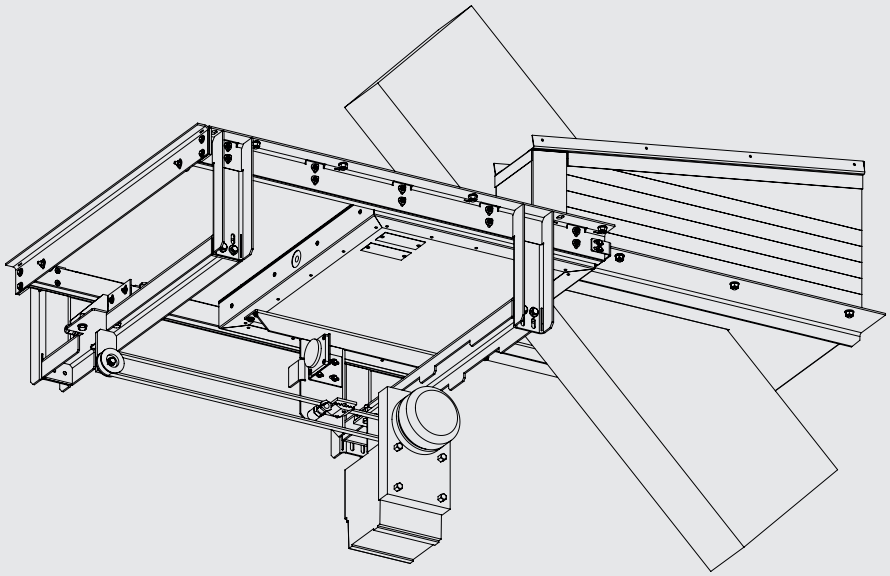
Fire protection plates
Galvanized sheet metal
Stainless steel

**Fire wall**

Concrete/reinforced concrete



Bottom slide with
seperate conveyor system



Overhead slide value with
continous conveying technology

# Design variants

## Surfaces





Depending on the type of door, the finishes of the door leaf surface are available in different qualities.

FAA-S | FAA-H | FAA-D | FAA-B

### Surface without cladding

Telegrau 2 (Standard) RAL 7046

### Surfaces with cladding

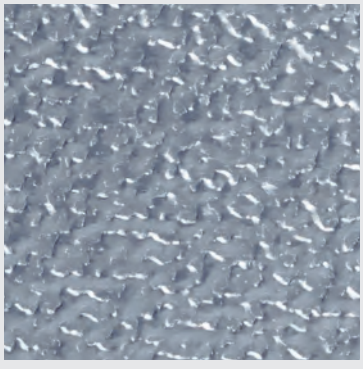
Smooth steel sheet, galvanized

Stainless steel V2A

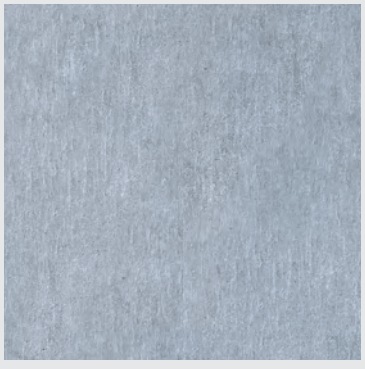
Optionally we also deliver in RAL of your choice.

FAA-ST | FAA-HT

### Surfaces with cladding



Pearlgrain, galvanized



Smooth steel sheet, galvanized

Optionally we also deliver in RAL of your choice.

# Hold-open system

## Gate control





### Hold-open | HPS-ADVANCED

The approved module combines the system components of the triggering device, power supply, evaluation of the fire detectors as well as operating elements and status displays

The modular design enables flexible adaptation to requirements through the integration of the optional override control, as well as the backup power supply.

An individual adaptation of the system to the degree is possible via the system‘s own configuration software.

Potential-free interfaces are available for communication with the conveyor system, as well as with a fire alarm system.

A removable disk for system data and error memory is integrated for service purposes.

Optionally, the central unit can be equipped with an additional operating point and, if necessary, a graphic display for status as well as error indication.


Central unit


Control panel including display

# Override control | Backup power supply

## Conveyor technology control



### Override control | HPS-DRIVE

Standardized changeover devices can be used to control the conveyor drives in the event of a fire.

Different designs allow an individual adaptation to the conveyor system.

The decentralized system can be installed in the immediate vicinity of the drive.

Changeover device



### Backup power supply | HPS-POWER

In the event of fire, the conveyor drives must be supplied by an independent power supply. in the event of fire. Either an on-site emergency supply or the decentralized system module is used for this purpose.

Different power classes can be individually combined with the system.

Depending on the area of application, use is also possible for several degrees.

The design is possible as an offline or online system, depending on the requirements.

Backup power supply

# Special systems

## Door systems

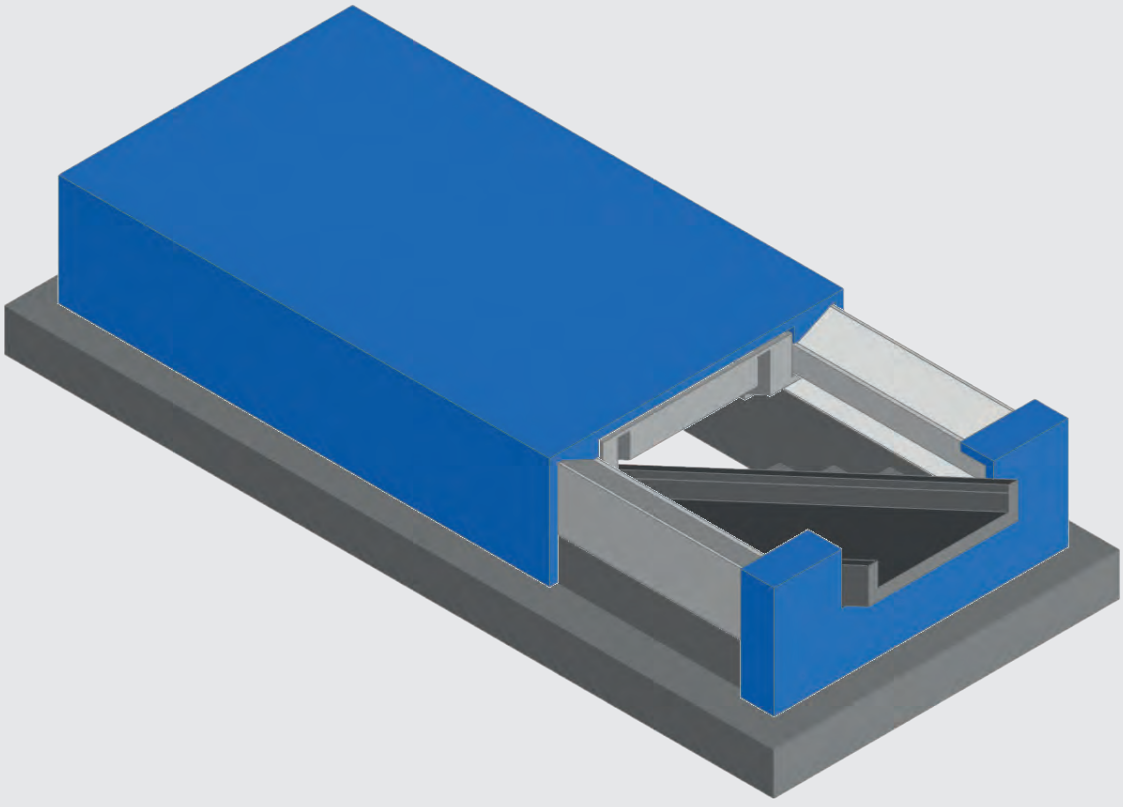


Do you need a special solution?

### We find a solution - safely and individually

We flexibly adapt to our customers and their individual requirements. This means that within the framework of special systems, we implement systems that are precisely tailored to you, with regard to your requirements and wishes.

We not only offer you a sophisticated and comprehensive service package in planning, manufacturing and the tests, but are also your reliable partner from commissioning to acceptance of the systems.



Special solution | Bottom slide

# Special systems

## Control technology



Our control cabinet construction is based on many years of experience and offers a correspondingly high quality standard.

In combination with a high-quality selection of materials, this results in systems with a long service life and corresponding reliability.

Special solution | Control system

# Wall closures

## Complementary range of services



High-speed door

### High-speed doors

To optimize and improve the indoor climate, traffic flow and save energy.

- Robust and for the application optimized technology
- Narrow side panels with small footprint
- Also available for conveyors
- Connection of the door control to the hold-open system possible

Textile fire protection closure

### Textile fire protection closure

Smoke and fire curtains

- Large-scale, economical, fire partitioning
- Can be used in walls, ceilings, building corners and facades
- Space-saving, almost invisible alternative to fire doors
- Light weight

# Services

## Assembly, service and maintenance



Your door systems are in the best of hands with us - with our experienced technicians we guarantee professional installation, as well as competent service and maintenance - safe and reliable.

- Qualified personnel for assembly and service operations
- Quick support in case of need
- Manufacturer-independent service work
- Extensive fleet
- Modernizations of existing facilities
- UVV/DGUV3 tests
- Maintenance to comply with the legally prescribed inspection intervals

You can reach our service hotline at:
**+49 7841 6006-600** or send us an e-mail to: **service@hodapp.de**


Service vehicle

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Doors that matter.

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