



ASSA ABLOY SL600 FD

Folding doors when space is limited

assaabloyentrance.com

ASSA ABLOY
Entrance Systems

Experience a safer
and more open world

We never compromise with your automatic doors

Proven expertise

From the start of our journey all the way through to our current set-up as ASSA ABLOY, our automatic sliding door systems have consistently led the industry when it comes to quality, reliability, and convenience. Everything we produce is designed by our global team of expert technicians and engineers, each of whom shares a passion for sustainable innovation.

Robust and high quality

We've spent 50+ years improving and perfecting our automatic entrance systems. Combining highly robust materials with state-of-the-art technology designed to ensure safe and seamless user flow – while enabling us to maintain a solid legacy.

Safe and secure technology

Our systems come equipped with the latest safety features, enabling comfortable and safe passage at all times and under any circumstance. Should an obstruction be detected, our intelligent control ensures that doors are immediately will be pulled open and then resume interrupted movement at low speed to ensure the obstruction is no longer there.

Full solution and service partner

As a full service provider we offer businesses total freedom to customize their sliding door systems, with a variety of door leaves, glass panels and colors to choose from. We also offer tailored maintenance and service agreements, with our service experts available to solve issues whenever you need them.





Folding doors when space is limited

At ASSA ALOY, we are renowned for our engineering expertise and creative solutions. For those clients whose buildings are too narrow for automatic sliding doors, we have developed an automatic folding door: SL600 FD.

SL600 FD provides full access when space is at a premium, allowing for the free flow of pedestrians, wheelchairs, trolleys and equipment. With door leaves that fold inwards, the automatic folding door offers an ideal solution for those who want to guarantee full access for all building users in constrained spaces.



With door leaves that easily fold inwards, these space-saving doors do not require additional space around the entrance, making them suitable for areas with limited space.

Multiple applications

The smart entry solution is designed to work particularly effectively in corridors. The doors can be retrofitted relatively easily and are available both one and two-sided.

SL600 FD is particularly suited to applications such as commercial kitchens, hotels, supermarkets, education facilities, retail outlets, hospitals, and leisure facilities. The versatile system is also proving popular as a way of meeting new regulations to separate non-smokers from newly set up smoking lounges.

Break-out feature

SL600 FD comes with an optional break-out function which allows it to be used as an escape exit in accordance with local conditions and regulations. The option for our automatic sliding doors, the SL600 FD break-out enables folding doors to open in the event of an emergency, enabling the building to be evacuated quickly and safely.

By applying light pressure to the door panel, the track is freed from its mounting, allowing the door to open outside. This is an invaluable feature where there is restricted floorspace and in areas where narrow passageways also have to act as escape routes, such as in restaurants or hospitals.

Benefits

- The width of a narrower passage can be almost fully retained. The doors work particularly well when fitted in corridors and they can be used to section off areas.
- The communication capability of the operator, sensors and control panel enables continuous monitoring of the status of the components. The operating status of the door system and its individual electronic components is also constantly checked for plausibility. Thanks to the learning capability, the potential for faults in the system is reduced to a minimum.
- There is continuous monitoring of component status and plausibility checks are carried out on a regular basis. Due to the system's learning capability, the potential for faults is greatly minimised.
- The doors are operated via a remote control BDE-D (mode selector). Users can set parameters including speed and hold time. It has a graphic display with backlighting and user-friendly menu-guided navigation with text available in multiple languages. If required, push-button operation is also available.
- Components can communicate with one another interactively (proprietary BUS)

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Specifications

Automatic folding door is available in different dimensions to meet the requirements of the entrance.

SL600 FD / SL600 FD break-out		Bi-parting Folding Door	Single Folding Door
Basic data			
Opening width cow (A)	mm	800 – 2 000	800 – 1 000
Passage height coh (G)	mm	3 000	3 000
Beam length (F)	mm	Min 2A + 250	Min 2A + 250
With break-out			
Opening width cow (A)	mm	800 – 2 000	N/a
Passage height coh (G)	mm	3 000	N/a
Beam length (F)	mm	Min 2A + 250	N/a
Drive dimensions			
Drive dimensions	mm	240 x 180	240 x 180
Door operating speed	m / s	0.03 - 0.7	
Door closing speed	m / s	0.03 – 0.5	
Hold opening time	s	0 – 20	
Maximum door leaf weight	kg	4 x 37.5	2 x 37.5

Technical specifications		
Power supply Rated voltage	Hz	230 V AC / 50 / 60
Power supply Rated power	W	90
Consumption in idle mode		
Ambient temperature	C	– 15 °C to + 50 °
Humidity range		up to 85 % rel. humidity, no condensation

Certifications

Conformity to standards	EN 16005, DIN 18650
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Options

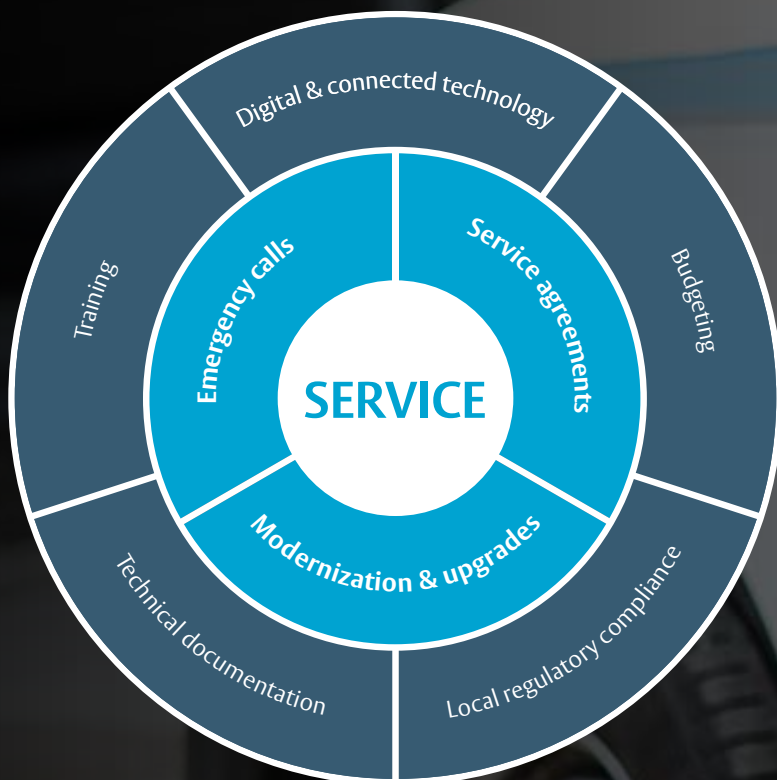
- Escape Routes Mechanical Break-Out
- Emergency opening button/switch
- Manual unlocking inside and outside (HEI / HEA)
- Lockable cover
- Electromagnetic locking
- Door leaf surveillance

Essential service and beyond

Regular maintenance is essential to ensure the doors functioning at the highest level in accordance with safety regulations. Maintenance is not carried out automatically during the warranty period and it is recommended that customers sign a maintenance agreement within six months of installation to provide peace of mind and help reduce operating and maintenance costs over the life of the product.

The ASSA ABLOY folding doors are manufactured to the highest quality standards and if maintained correctly will last decades, providing trouble free safe access to sensitive and vulnerable areas.

Our service technicians are available to respond to any queries. In the event of a malfunction of your automatic door, our schedulers will immediately organise an appointment with a nearby service technician. Our intuitive service app can be installed on tablets and mobile devices to support technician during service and maintenance work. With a user-friendly interface and downloadable updates, the app facilitates rapid troubleshooting, and the help function allows users to request remote support if required.





How we support you

Service Agreements

Flexible service packages:

Our variety of service packages allow for greater flexibility and tailored solutions.

Local compliance:

Our service checks and maintenance programs always follow local compliance.

Preventive maintenance:

We will ensure that regular service visits are scheduled and that old components are replaced where necessary.

Safety and quality checks:

All packages include safety, compliance and quality control checks.

Modernization and upgrades

Extending lifetime:

We can extend the lifetime of entrance systems while also making them more sustainable.

Reduction of energy costs:

We increase energy savings.

Changing needs:

We can adjust your entrance system where needed for optimal functionality and the newest technology.

Meeting norms:

We will ensure that you meet the current and future needs, standards and safety regulations.

Improving performance level:

We can optimize performance workflow, convenience and accessibility.

Emergency calls

Fast response:

In the case of unplanned downtime, our local presence ensures a fast response.

First-time fixes:

With a large spare parts inventory and solid team of technicians, we can fix any issues in one visit – with long-term results.

24/7 priority service:

We will allow you to easily view your service history as well as any upcoming service appointments.

Original spare parts:

We will always provide original spare parts as a part of our services.

Service all doors:

Our technicians are able to repair all doors and regardless of brand.

How we can support you

Digital & connected technology:

With our digital offerings, get access to real-time data, analytics and a full-service overview to improve brand transparency.

Technical documentation:

We have defined procedures and specifications for the maintenance of all your doors and will provide you with a complete overview.

Budgeting:

Our full-service package allows you to plan and budget your costs on an annual basis – with no surprises along the way.

Training:

We offer free online courses and sessions so your staff can get to know their ASSA ABLOY systems inside and out.

The ASSA ABLOY Group is the global leader in access solutions.
Every day, we help billions of people to experience a more open world.

ASSA ABLOY
Entrance Systems

ASSA ABLOY Entrance Systems provides solutions for efficient and safe flow of goods and people. Our offering includes a wide range of automated pedestrian, industrial and residential doors, loading dock equipment, perimeter fencing and service.

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