



GERMAN
**INNO
VATION**
AWARD '21
WINNER



BIGSEE
PRODUCTDESIGN
AWARD 2021
WINNER

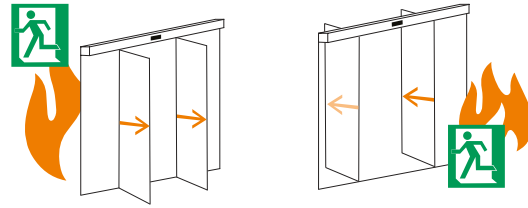
500_

On the safe side
of fire



doorson

500_



Fire automatic sliding doors combine the functions of standard sliding opening/closing with fire protection and a safe escape route without compromise. Fire resistance EI30 and EI60 are used to separate fire sectors and prevent fire spread in the building.

In normal circumstances product line 500 functions as a standard automatic sliding door, providing easy going in-out. In case of an emergency or fire alarm, the sliding door 500 F reliably closes, which creates a barrier that prevents the spread of fire. While

500 EFS additionally transforms from a sliding operation to a swing operation and provides a safe evacuation and rescue.

The 17 cm drive presents a line shape that integrates into any architecture. Be impressed by reliability, security, robustness and advanced functionality. The system is equipped with a built-in sensor that provides automatic opening and safety closing. To increase the safety opening, side safety sensors are integrated.





patent
European registered

registered
design
EUIPO 805886

product
certificate
Slovenia

fire exit
for safe rescue

EI30 | EI60
fire protection

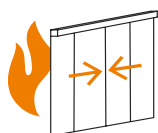


In case of fire

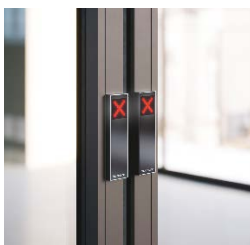
Reducing risk, saving lives

No escape | 500 F

After the activation of a fire alarm, the sliding door forcibly closes and transforms into a safety barrier. 500 F prevents the fire and heat radiation from spreading to the other side.



Automatic sliding operation

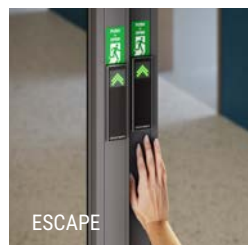


Fire barrier - no escape

Escape routes | 500 EFS

In case of an emergency, 500 EFS doors close and transform into swing operation, ensuring safe **ESCAPE** and **RESCUE**.

The door mode operation is indicated on the Fire switch display.



ESCAPE

Break-OUT



RESCUE

Break-IN





500 EFS | escape fire sliding door

Easy safety rescue

Fire sliding door 500 EFS functions as a standard automatic sliding door that is convenient for hospitals, working places, hotels, shopping malls and other public places where safety is first. Its fire resistant ability divides the two fire sectors on ESCAPE routes.

In case of an emergency, fire alarm or power failure, the mechanical spring system closes the door, which then in a few seconds, transforms into a swing door. Safe evacuation is provided by swing opening, that self-closes after that.

A swing opening is provided in the escape direction by pushing the door. On the opposite side of the door, in the rescue direction, the door simply opens by pulling the door with a flush handle.



Integrated self-closer

Hidden in the leaf



500 F | fire sliding door

Safety barrier

Fire sliding door 500 F functions as a standard automatic sliding door and provides a comfortable everyday transition through the door with a fire resistant ability that divides the two fire sectors on NON ESCAPE routes.

It is constructed for 30 or 60 minutes fire resistant fully expanded, from both sides of the door.

In case of an emergency, fire alarm or power failure, the mechanical spring system closes the door and keeps it closed. Escape is not possible.

The closed door resists the fire, which prevents the flames and heat radiation to spread from one sector to another.



Customize your door

Choose your assembly, choose your function

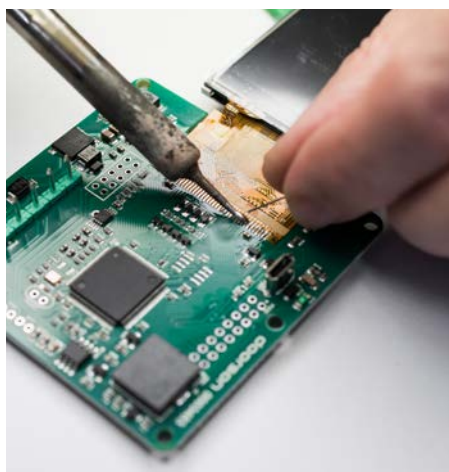
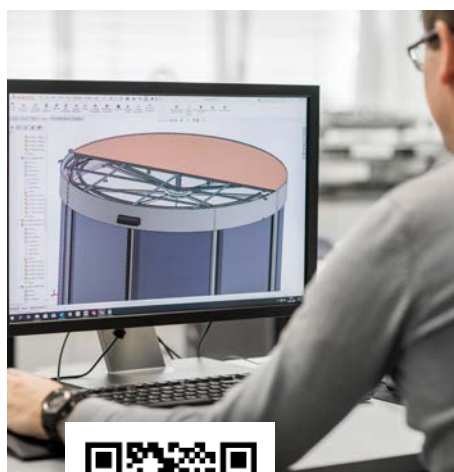
17 cm
drive height



Technical data | 500 product line

USE	interior/exterior, escape routes/non escape routes	
DIMENSIONS	500 F 1 leaf: clear opening width 800 - 1400 mm clear opening height 1900 - 2500 mm 2 leaves: clear opening width 1200 -2500 mm clear opening height 1900 - 2500 mm	500 EFS 1 leaf: clear opening width 900 - 1400 mm clear opening height 1900 - 2500 mm 2 leaves: clear opening width 1600 -2500 mm clear opening height 1900 - 2500 mm
FIRE RESISTANCE	EI30, EI60 with mechanical sliding and swing self-closing ability	
WEIGHT	max. 300 kg per sliding leaf	
OPENING - CLOSING SPEED	0.3 - 0.7 m/s (adjustable)	
OPENING TIME	0 - 15 s (adjustable)	
POWER CONSUMPTION	30/300 VA	
INSTALLATION	wall installation	
LEAF	GLASS: EI30: 15 mm, EI60: 23 mm PANEL: EI30: 27 mm, EI60: 39 mm	
GLASS COLOR	fire safety transparent glass	
SECURITY	infrared-microwave activation sensors	
FUNCTIONALITY	switching between different door regimes: OPEN, CLOSE, STOP, AUTO-SUMMER, AUTO-WINTER, ONE WAY-SUMMER, ONE WAY-WINTER warning diagnosis by COM 20	
STANDARDS*	EN16005, DIN18650, EN1154, EN 13501-2, EN 16034, EN14351-1, EN14351-2, EN16361, EN179, EN1125, EN 1155, EN 14600	

* depends on the door type



EU

made in Europe

doorson

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