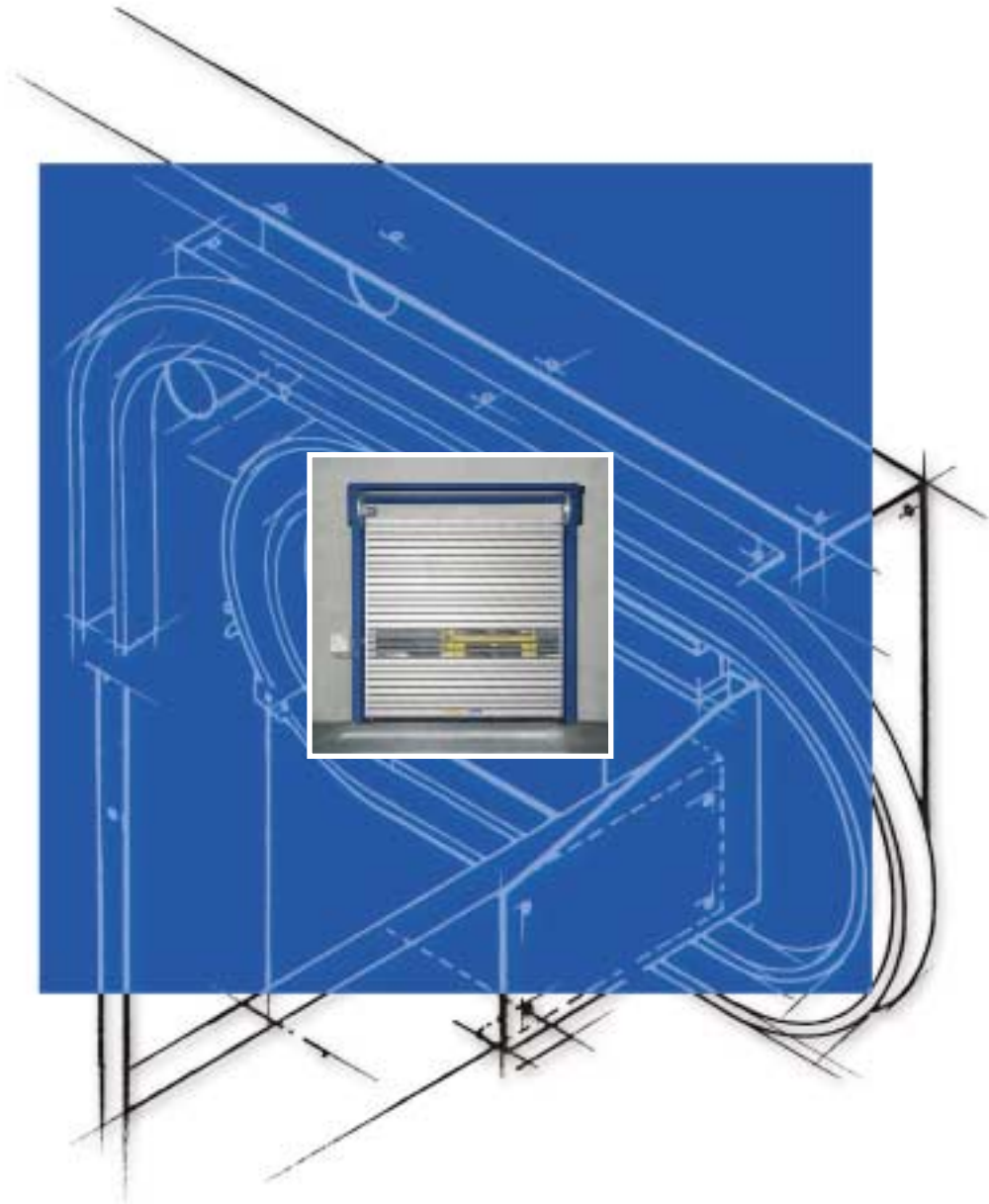


■ SST High-Speed Spiral Door

Now more versatile than ever

NEW



■ SST High-Speed Spiral Door – the unique original

Among high-speed doors, the SST High-Speed Spiral Door is revolutionary: Two door systems have been combined in a single design: The spiral door is a burglar-proof, weather-proof, high-speed exterior door to meet today's demands. When the door laths are rolled up, they are separated by a spiral and never touch. This patented design feature combines consistently high speeds with above-average reliability. The low-wear door will remain attractive for a long time, and individual laths can be quickly and easily replaced when necessary. Even with more than 150,000 door cycles a year, routine maintenance is negligibly low.





■ SST meets all requirements

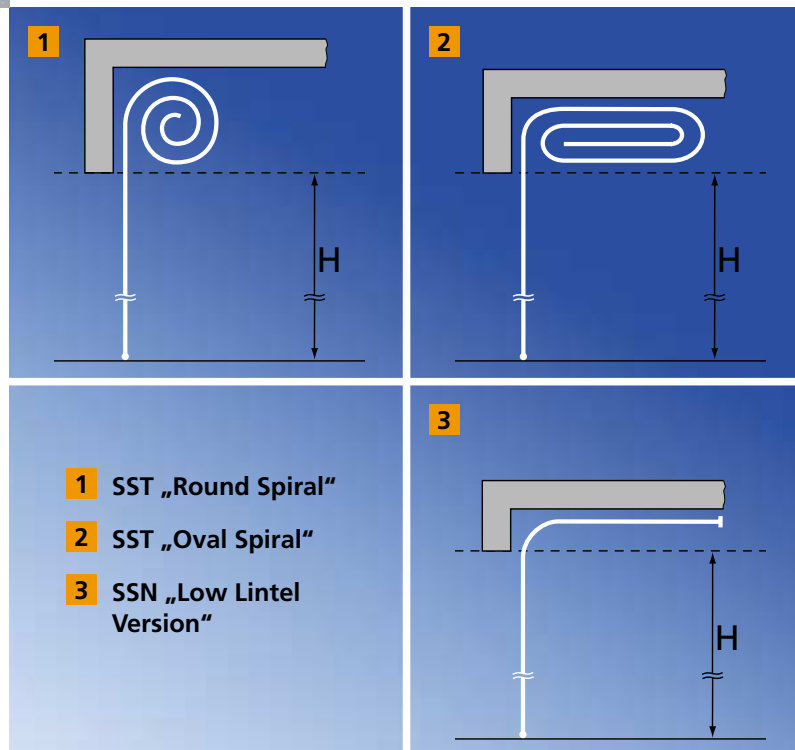
The SST high-speed door is an extremely fast, safe and reliable exterior door. The door panel consists of double wall aluminium laths, thermally separated profiles provide (on request) for the best in heat insulation. Any required light entry will be constructed as necessary from multi-clearview laths of acryl-glas (SAN). An additional locking device guarantees a very high degree of security against burglary. The widest range of equipment and extensive accessories distinguish the high-speed spiral door as the model for the today's door technology.

■ Space-Saving Solutions

The patented spiral (P 0531 320 B1) reduces space requirements considerably. It is fixed to the vertical frame and thus works independently of the building framework. For installations in very limited spaces, a special low lintel version, often used for parking garages, is also available. Therefore, an optimal adaptation to available space of the building can always be found.

■ Low-Wear Door panel

Power is transmitted through strap hinges with protected rollers on both sides. A connection shaft ensures synchronization. All laths are individually screwed to the strap hinge for free movement preventing transmission tension within the door panel (Patent P 0531 327 B1). Rubber sections link the laths together with a „clip” technique, making them weather-resistant. This is why individual laths can be quickly and easily replaced when necessary.



■ Speed

Here electronics are the key: The micro-processor controller can be adapted to the door's function and equipment. The opening speed of 1.5 m/sec opening and 0.75 m/sec for closing is factory pre-set, however, slower or faster speeds are also possible.

The control panel is equipped with a membrane keyboard, an information and function display, and remote diagnosis.





■ Highest availability

The whole construction is designed in the smallest detail for the highest reliability, a long useful life and the least expenditure on maintenance. For example at the motor a maintenance free inductive sensor directly reports all door positions to the controller. All the components of the drive and the power transmission are designed for the heaviest constant employment. Therefore the door panel remains attractive for many years and even the see-through sections permanently retain their clarity. High-speed spiral doors combine timeless aesthetics with individual economy.

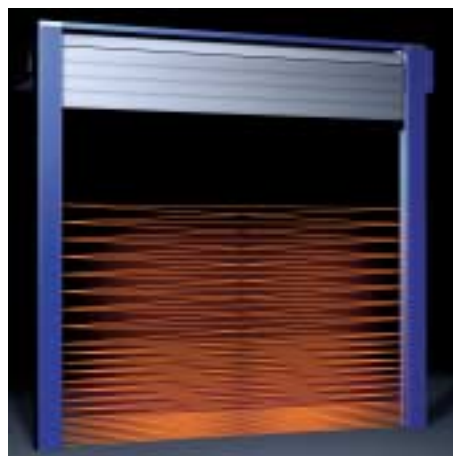
■ Gentle Start

Gentle acceleration – high speed – gentle braking. These features are vital for long use. So that the drive elements move smoothly and without interruption, the motor does not start with full power. The frequency converter, produced in series, changes the number of revolutions through the frequency to deliver dephased 3 x 220/240 volts to the motor. Power requirement: 1 x 230 volts.

■ Door Safety

All spiral doors have a mechanical counterbalance: In case of a power failure, a hand lever activates the durable mechanical tension springs on both sides of the door frame which pull the door open. The force is transmitted directly to the shaft by strong straps.

The door closing line is protected by the safety edge or the opto-electronic TLG system, which is completely integrated into both sides of the frame and produces an infrared light grid of 2.5 m maximum height.



■ Multiple application possibilities

High-speed spiral doors are always an intelligent solution. The entry + exit doors of an underground garage would be constructed in the low lintel version in view of the limited space. Air ventilation laths should also be provided instead of the clear view laths. Light units control the traffic. Similar solutions will also be individually created for car wash installations, airports, fire brigades, banks, insurance companies, air-conditioned areas... and many other types of application.





■ Customer Advisory Service

Service is very important to EFAFLEX and includes many points: Experienced specialized personnel will inspect your door construction needs, discuss your requirements and come up with an individual door concept. Experienced EFAFLEX engineers will install the doors promptly and professionally. EFAFLEX customer service centers in your area offer service, instant replacement part delivery, and required inspections of poweroperated doors within the recommended maintenance agreement.

■ Design and Development

Many design features – most of them patented – are integrated into the outstanding EFAFLEX developments. They are the result of many years of innovative engineering work by the company's development and design departments. The latest high-precision equipment is used for production. All steel parts, for example, are cut from sheet metal with computer-controlled laser and plasma arc cutting systems. CNC bending presses with 6 m working edges and controls for all five axles are used to shape the sheet metal plates. High production quality is the consistent result. From experts for experts.



■ Product Line

The product line comprises a wide range of different industrial doors. Choose the optimal application for your purpose – EFAFLEX always offers you a perfect complete solution.

■ Warranty

Trust is good, but a high manufacturing quality, reliable final inspection and outstanding warranty are yet better. Best of all, however, is an unlimited working cycle.



Further information is available on: www.efaflex.com
 or simply enquire by fax: +49-(0)87 65 / 82-1 00



SST
High-Speed Spiral Door



SST-ISO-K
High-Speed Spiral Door
k value = 0.5 W/m²K



STT
High-Speed Turbo Door



STR
High-Speed Turbo
Roll-Up Door



SRT
High-Speed Roll-Up Door



SRT-EC
High-Speed Roll-Up Door
Foodstuff and hygiene
areas

SRT-EL
High-Speed Roll-Up Door



AS
Aluminium High-Speed
Folding Door



ES
Elastik High-Speed
Folding Door

AT
Rapid High-Speed
Alarm Door

Your EFAFLEX partner

Please send us information on

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| <input type="checkbox"/> SST-ISO-K | <input type="checkbox"/> STT |
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| | <input type="checkbox"/> STR |
| | <input type="checkbox"/> SRT-EC |
| | <input type="checkbox"/> ES |

Surname, forename

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Capacity

Road, Number

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Country

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Fax



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