

Automatic Doors - RECORD STA 22

Automatic opening for heavy sliding door



***“Silent
Safe
Smooth”***

The Essences of
Automatic Doors



Product of Switzerland

Record STA 22 - Automatic opening of heavy linear sliding doors

Brief description

The robust STA22 automatic door is particularly suitable for special entrances and applications using heavy door leaves. Operator technology is particularly stable and reliable and has maintained its position successfully in the market for many years. The STA 22 automatic sliding door is the ideal solution for special heavy duty applications.

Mechanics

The absence of noise is the most striking feature of our automatic doors and is achieved with a combination of:

- » acoustically decoupled, hardened running tracks
- » running carriage with hardened nylon wheels with sealed bearings and compensation for structural tolerance and adjustable attachment to door leaves
- » motor and guide pulleys with sealed bearings
- » low momentum toothed belt drive for minimum wear and low acoustic impact

Electronics

- » interactive communication between components to monitor and enhance performance, safety and security
- » malfunction potential is greatly reduced by the drive monitoring ability
- » self learning process with active automation adjustment for optimum operation is the heart of the drive system which provides ongoing quality performance
- » BDE-M keyed 4 position mode switch with 'Reset' is supplied as standard

Option Include

- » Record BDE-D mode switch, with graphic display, enhanced by background lighting with menu-led navigation, full diagnostics and programming capability
- » AU Standard 4 position master keyable mode switch
- » AU Standard 4 position knob type mode switch

Design

- » carefully designed housing and covers in quality Australian Aluminium provide the aesthetically pleasing appearance of our systems which provide both standard and low profile options with the same 100% duty rated performance up to 250kg.
- » Standard profile: 200mm
- » Door frame profile up to 65mm can be used.

Key Features

- » Standard 200mm profile drive units
- » for doors with heavy leaves and heavy duty applications
- » robust construction with long life performance
- » high capacity with efficient and low noise operation
- » fail-safe electric mode brake locking with extended battery backup
- » self monitoring system with diagnostics
- » low noise, long life, replaceable track system
- » height adjustable trolleys with anti-rise and long wear wheels

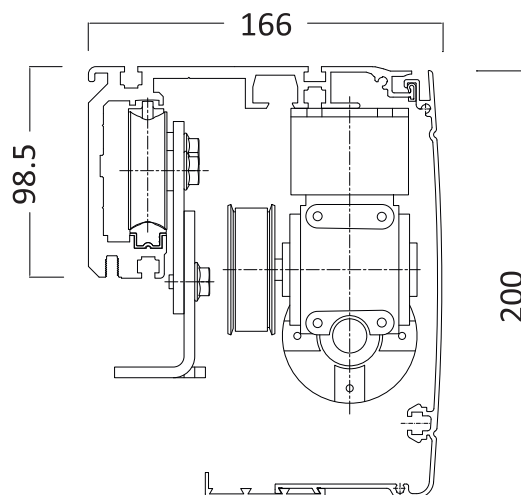
Technical Specifications

Door operating speed:	up to 0.7 m/s (adjustable)
Operating housing dimension:	HxD: 200x166
Power supply:	230VAC/50Hz
Power consumption:	120W, 25W idle mode
Stat. drive power:	Max. 150N
Protection rating:	For use in dry location only
Ambient temperature:	-15°C to +50°C

Recommended Application Limits

Door Type:	Single Door	Double Door Leaf
Door width:	800-3000mm	800-3000mm
Clear passage height:	3000mm	3000mm
Max. door leaf weight:	1 x 250 kg	2 x 200kg

Header Drive Unit Details



Record STA 22 is tested and fully compliant to European Standard DIN EN16005 (durability and safety). Through ILAC (international laboratory accreditation cooperation) arrangement, this testing meets all NATA guidelines and hence meets the requirements of Australian Standard AS5007-2007.



Automatic Doors

Automatic sliding doors system

Fortress Land Door Hardware

Inspection & Maintenance Services for Automatic Doors

Record has been manufacturing and marketing automatic door systems since 1953. The very first applications were to operate doors in laundries, but automatic door drives rapidly developed into attractive entrance systems with very different functional principles, initially driven by time saving needs. Later come the prestige element, and today our door systems enhance the architecture of any building, actively contributing to its security and safety, and saving energy by reducing heating and air conditioning costs.



The right Service Package for your needs:

Today there are over 8000 record automatic door systems installed all over Switzerland, still operating smoothly, even after 20 years or more! Our customers use them every day and this enhances their satisfaction.

Reliability such as this only possible with a combination of clear aims and goals, the highest standards of design, construction and installation, and long-term maintenance by Record's highly skilled trained service technicians.



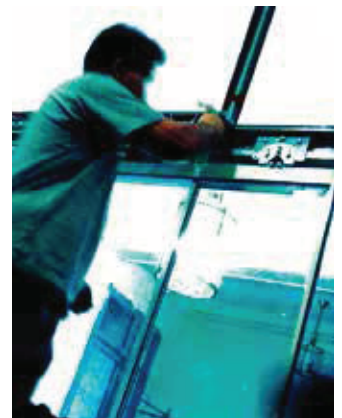
For your automatic door to function smoothly over decades and be able to fulfill the relevant safety and security regulations, periodic servicing and maintenance is unavoidable. Benefits from flexibility of a record maintenance contract, which will allow you to vastly reduce your operational and maintenance costs.

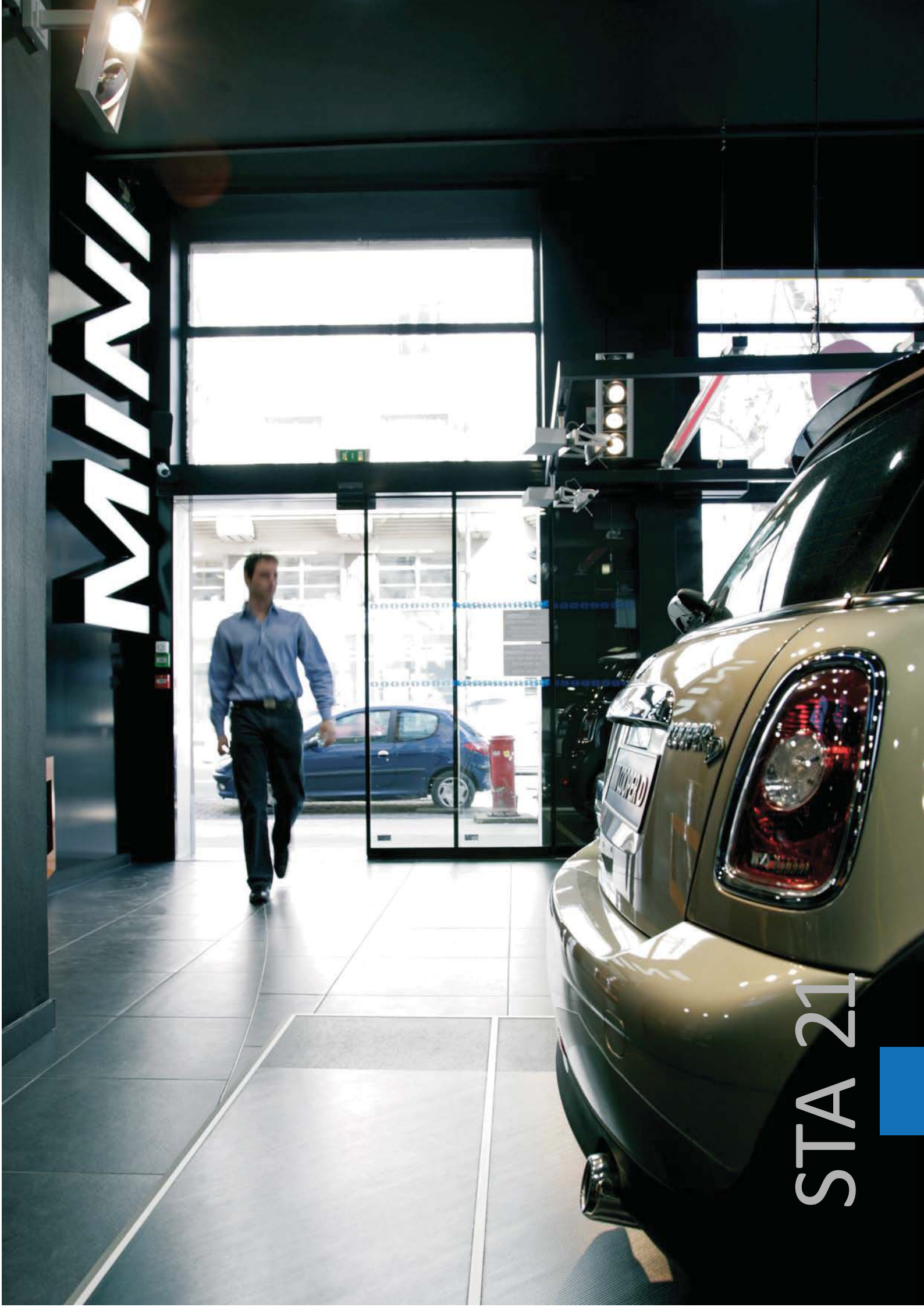
RECORD Partner

Inspection and maintenance have a particularly high priority for Automatic Doors. To avoid unpleasant situations for our customers, we make it our priority to personalise our service and maintenance packages, enabling you to fully meet your legal requirements of due diligence.

In consultation with you, our advisor will find the ideal maintenance and service package to meet all your needs.

Please contact Fortress Land for further details.





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