



SPIRAL- DOOR

HIGH-SPEED EXTERIOR DOOR

WITH HIGH THERMAL INSULATION



WWW.ITW-TORSYSTEME.DE

PRODUCT DESCRIPTION

DOOR LEAF

Door leaf made of frameless double-walled ISO-panels filled with PU-foam (40 mm thick, 250 mm high). Surface similar RAL 9006 (white aluminium) or aluminium frame panels E6/EV1 anodised. Filled with double glazing or closed with sandwich-stucco-plates in natural aluminium. The blades are attached to a hinge chain and guided in vertical direction.

GUIDE RAILS

Pre-finished, sturdy, self-supporting and galvanized guide rails with integrated spiral console.

SURFACE

Shock-resisant, translucent, crystall coloured surface. Top, bottom and lateral frame profiles made of Aluminium E6/EV1 anodised. Frames may be painted in RAL colour of customers choice.

FITTING

Standard round spiral fitting with approx 1.000 mm lintel requirements and oval spiral fitting with approx. 745 mm lintel requirements are possible. Further fitting types such as low-header, high-lift or vertical fittings are also available.

OPERATING AND CONTROL UNIT

Microprocessor control unit DR2100 with main switch and integrated frequency converter, 230V/50Hz. Display for menu and error display. Including emergency switch and triple-push-button integrated in steel control cabinet (IP54). Automatic closing with adjustable stay-open time.

SPEED

Opening speed up to 2,5 m/s
Closing speed up to 1,0 m/s

EMERGENCY OPENING

Emergency manual chain

RESISTANCE AGAINST WIND LOADS

Class 3-4

COLOUR SELECTION

Standard: RAL9006 white aluminium
Available in various colours in accordance with RAL

ADDITIONAL EQUIPMENT

- Sound insulation of the guide rails
- Flashing light or rotating light
- Pulse transmitters, push-buttons, key-switch
Pull-switch, coding switch, radar detectors
- Radio control (remote control)
- Induction loop



SCOPE OF APPLICATION



INDUSTRY



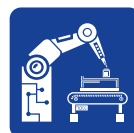
TRANSPORT



LOGISTICS



AUTOMOTIVE



M.PROTECTION

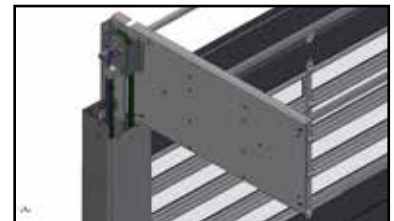
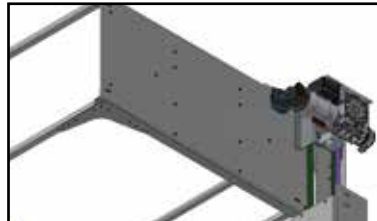
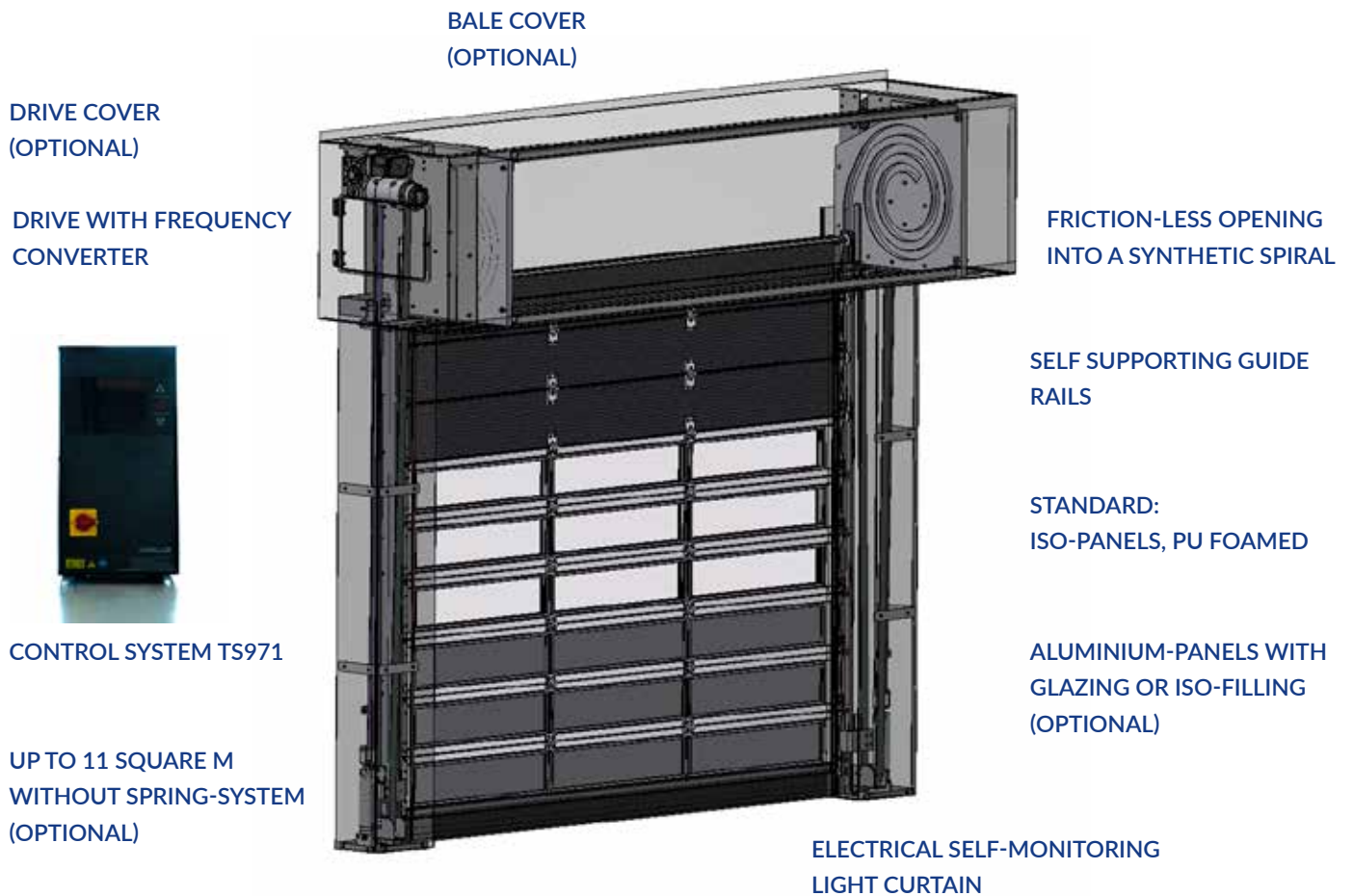


SUPERMARKET



FOOD

PRODUCT FEATURES



ALL ADVANTAGES AT A GLANCE

- Many advantages combined in one door: exceptional insulation, low maintenance, high speed, superior safety
- Fast exchange of defective blades or single panes
- Comprehensive control extensions
- Thermally separated profile
- Guided quiet operation in a sturdy and low-wear synthetic spiral. with contactless retractor technology
- Quiet and durable with toothed belt conversion
- 5 year warranty (spiral) and toothed belt up to 400.000 cycles
- Oval spiral, perfectly suited for low lintel
- Customized door leaf design
- Attractive design with colour selection in accordance with RAL or NCS colour table.
- Endurance tested up to 6.000 mm x 6.000 mm and more than 500.000 cycles
- Guide rail boxes and covers are also available in stainless steel (V2A)
- Aluminium hinges with steel shaft & ball-bearing mounted track-rollers
- Low vertical space requirements, for doors up to 11 m² no spring required



BRO-SPIRALTOR-EN01 | RESERVE TECHNICAL CHANGES

ITW Industrietore GmbH
Adolf-Kolping-Straße 14
73072 Donzdorf
Germany

Fon: +49 7162 9129-60
Fax: +49 7162 9129-64
info@itw-torsysteme.de
www.itw-torsysteme.de

ITW
INDUSTRIETORE