

## RAPID AUTO ALUMINIUM Spiral ROLL UP DOORS

Doors with Intelligence .....

Another product from the ZAMTAS range

**Hard High Speed Door Industrial use.**



### ***Aluminum High Speed door with Transparent Panels:***

The high speed doors offers fast opening and closing for high - traffic situations. It is made using rigid aluminum slat construction that eliminates the need for a second security door. Among high-speed doors, The hard high speed doors is revolutionary : Two door systems have been combined in a single design. It is a burglar-proof, weather-proof, high-speed exterior door to meet different demands.

The hard high speed doors is an extremely fast, safe and reliable exterior doors. The door panel consists of double wall aluminum laths, thermally separated profiles provide for the best in heat insulation. Any require light entry will be constructed as necessary from multi-clear view laths of Acryglas. The widest range of equipment and extensive accessories distinguish the high-speed spiral doors as the model for the today's door technology.



## **Benefits:**

- Opening speed up to 2.5m/s, Closing speed up to 0.6~0.8m/s, Allow for improved traffic flow and enhanced customer perception.
- Counterbalance system, spiral design reduce wear and increase door longevity, with minimal preventative maintenance.
- No metal to metal contact reduces wear on the door panel and offers fast, quiet operation.

## **Specification**

### **Control systems**

Japanese Mitsubishi Inverter, PLC and other components

### **Dynamical systems**

Adopt special high-speed motor reducer, 0.75-2.2KW, according to the size of the door to select the model. Two brand for choice, SEJ or NORD. Incorporating limit switches for open and close cycles, and this drive unit can be used on manual in the event of power failure.

### Activation

- radar sensors
- pull cord
- remote control
- loop detectors
- push button

### **Safety system**

- Photoelectric sensor: installed on the side tracks, with emergency stopping action upon obstacles detection.
- safety edge bottom: when pedestrian or vehicle touches the bottom edge of falling door, it will reverse open automatically
- emergency stop protection: with emergency stop button is pushed on

### control panel

### **Construction:**

- Double-wall 43mm aluminum slats
- Integral weather seal between the aluminum slats
- Heavy duty hinge system for the door panel assembly
- Galvanized steel side frames and head
- Extension springs inside column

## Parts and Accessories

Hinge



Wheel



Aluminum slat



Aluminum PU Slat

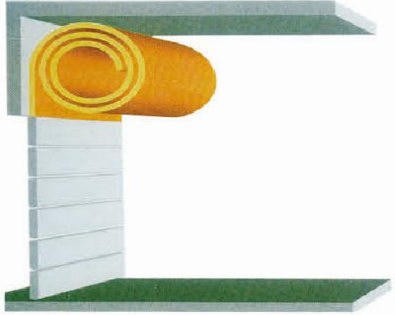
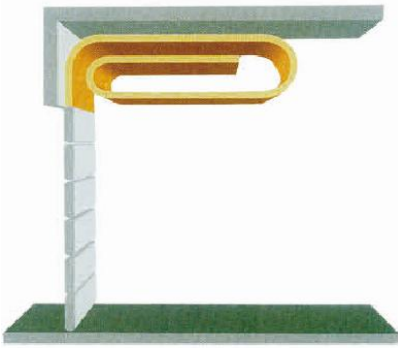
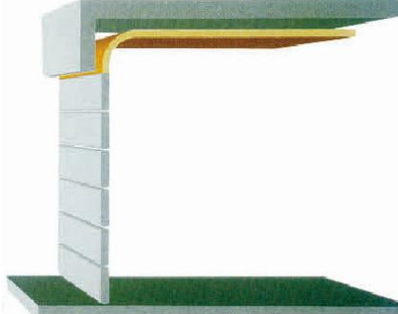


### Main Feature of Each part:

<p>The door slat surface is very smooth, and all moving parts are strictly designed in accordance with Standard DINEN12604.</p>	<p>With Spirial round non-contact track, the sectional curtain won't connect with each other when roll up. The curtain won't wear, distort and run fast with less noise</p>	<p>Each slat is screwed on the steel strips both side of curtain which ensure the lath won't be pressed even if the curtains handing,the rolled steel strip can produce a vertical lifting movement of door</p>
<p>The motor is controlled by inverter, we can manually open the door by operation the internal tension structure while power off</p>	<p>Transparent slat can be maintained clear for a long time. The lath can be easily replaced.</p>	<p>Optional safety photocell curtain highly improve the safety of operation.</p>

## Installation Options



Standard Lift Up		Best Choice with enough Headroom Space
Round Lift Up		Round lift design for limit headroom space
Vertical Lift Up		Vertical lift design for low headroom

## Reference PICS





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