

AUTO  MOSSA

HIGH PERFORMANCE DOOR SYSTEMS

DOORS FOR COLD STORAGE

THE COMPANY

AUTO MOSSA Equipment Ltd is a design and manufacturing business specialising in High Performance Door Systems.

With over 20 years of experience in the high performance door industry, some of Australia's and New Zealand's industry experts have come together to establish AUTO MOSSA, an organisation with a passion for design that continuously strives for innovation.

WE DESIGN AND MANUFACTURE

“We know every detail of our doors because we design and manufacture them ourselves.”

We pride ourselves on pushing the boundaries when developing ideas and through the process of exploration we often find new ways of doing things. It is our intention that every product we launch to the market will also come with an 'international patent pending', further emphasising our drive for innovation and added customer value. We are also able to work with architects and specifiers early on in the design stage, to develop working models and concepts.

HYPERFREEZE 30/40

Freezer Doors

The AUTO MOSSA - HYPERFREEZE is the new generation High Speed Freezer Door designed for Cold Storage applications. The door includes;

- 30 and 40mm curtain insulation options
- Heating to both side frames
- AirStrip Design
- Silicon seal strip between door blade and lintel
- Comes standard with a soft bottom edge
- Automatic curtain crash-out and relocation function
- Minimum U -Value of 0.9W/m2C



Door Blade Insulation

The door blades are constructed from two robust layers of a PVC coated woven fabric.

The insulation is five layers of twin wall foil separated by air. The 40mm blade has an additional 10mm of polyester foam for more challenging applications.

The doors operate in extreme environments without the requirement for air movement fans.



Knock-out Function

The HYPERFREEZE is the only impactable door at this specification that has a built-in crash function which allows the door blade to be dislodged and then automatically realign itself on the next down cycle.



HYPERCHILL

Chiller Doors

The AUTO MOSSA - HYPERCHILL has been designed specifically for Chiller applications. The door includes;

- 18mm thick insulation
- AirStrip Design
- Heating to both side frames
- Silicon seal strip between door blade and lintel
- Comes standard with a soft bottom edge
- Automatic curtain crash-out and relocation function
- U value of 1.2 W/m²C



Door Blade Insulation

Standard 18mm door blade for Chiller to Ambient applications. The door blades are constructed from two robust layers of a PVC coated woven fabric. The insulation is 3 layers of twin wall foil separated by air. The doors operate effectively in environments from 0° C to ambient temps and are the ideal solution to prevent energy loss through heat transfer as well as stopping condensation and water spread around doorways.



Knock-out Function

The HYPERCHILL has a built-in crash function which allows the door blade to be dislodged and then automatically realign itself on the next down cycle.



WHAT MAKES OUR DOORS SO SPECIAL

AIRSTRIP II™
International Patent Pending

- FASTER
- QUIETER
- CLEANER
- STRONGER



Patented AIRSTRIP.
Integrated into the door blade is the patented AIRSTRIP designed system.

The rubber AIRSTRIP design allows the door to roll up without loading or compressing the insulation in the door blade, this enables the door blade to maintain its integrity over its lifetime. It also allows the door to operate at faster speeds and with a smoother operation.



Airstrip Design



Thermal Insulation



Auto-Relocation

ZONESAFE TRAFFIC WARNING SYSTEM

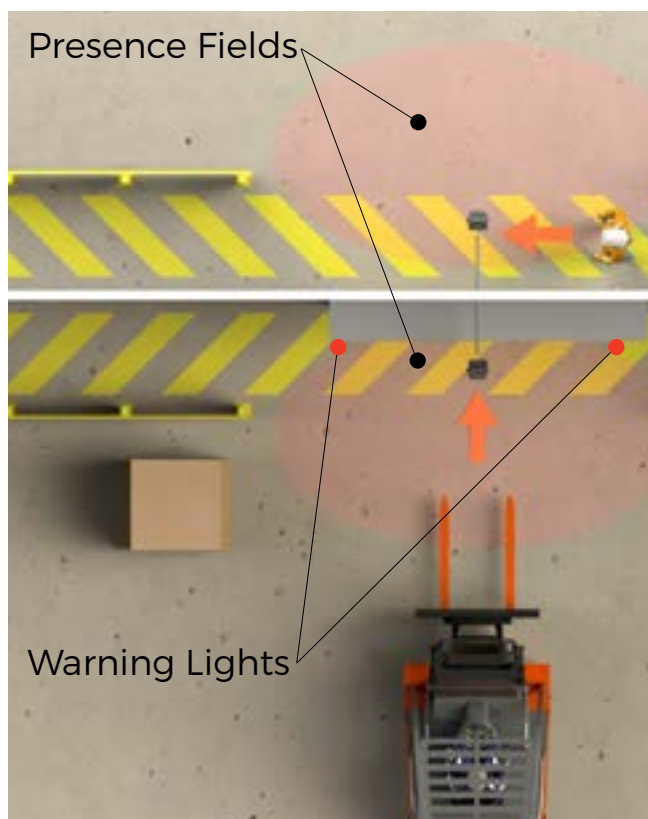
Two Modes – Movement and Presence Detection

The 'Movement Detection' can be easily adjusted to only acknowledge on-coming traffic. Cross traffic parallel to doorways can be rejected. The sensor also can be easily set to reject pedestrians.

The 'Presence Field' is used to identify movement around both sides of the door opening.

When the 'Presence Field' picks up either people or traffic the warning lights are activated on the opposite side of the opening, thus warning oncoming vehicle traffic of activity close to the doorway.

The 'Presence Field' does not activate the door when the door is in the down position, however it will not allow the door to come down if there is activity within the area.



WORLDS SAFEST PANEL DOOR SYSTEM

FIDELITY hydraulic operated door systems

- Compatible with all commercially available sectional over head doors
- Motor positioned at eye level with controller
- Unaffected by the difference in weight between door panels
- Maintenance-free due to the absence of counter-balance springs

By using a hydraulic system for the door opening springs have been eliminated, and with it the issues around spring breakages and maintenance. This also eliminates the hazard of de-tensioning springs, working at heights and working around busy entrance ways.



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