



INDUSTRIAL DOORS

DEPARTMENT STORES APPLICATIONS

The several installations in the department stores sector have consolidated COIL as a reference supplier for high speed doors systems, both in processing areas and in technical areas.

Design is one of the main parameters followed in projecting COIL industrial automatic closures in order to outline features and functionality.

More and more, these products originally designed to solve thermal sealing problems in industrial environments, are now being installed in commercial environments.

All doors built in compliance with Law EN 13241.
Over 120.000 installed doors in Italy and abroad.

The growth in sales areas in the large-scale retail trade and, therefore, in storage and goods handling warehouses, requires easy-to-use, low-maintenance solutions with high safety features.





SOLUTIONS

- Manual or automatic flexible swing doors
- Manual or automatic rigid food grade polyethylene swing doors
- Rigid polyethylene automatic sliding doors
- Anti-crash, self-repairing high speed rollup doors for backroom or stockroom transit
- FDA/BGA approved fast rollup doors for food processing areas
- Large main entry doors, both sliding and book-fold versions
- Dock shelters

High speed doors

PAT STAR REKORD

COIL high-speed doors solve different handling problems depending on the compartment in which they are installed.

- **Food processing areas:** maintaining specific temperatures and hygiene levels
- **Goods storage and handling areas:** they allow a continuous passage of people, forklifts or transpallets in total safety
- **Point-of-sale access areas:** the curtain adapts to corporate or environmental colours, partially or fully customised with logos and images.

In the most advanced retail stores, rapid doors can also be interfaced with PLC systems or 'automated operators', real robots that carry out inspection roles for the presence and logistical supply of products on the shelves.

Special version

- Self-repairing" function for staff safety and low operating costs.
- Automatic restore in case of impact to eliminate downtime.
- Certified for use in food environments
- Built in accordance with European Directive EN-13241

High-speed doors can be equipped with a special '**self-repairing**' anti-crash function for internal dividers. In the event of an accidental impact, this function allows the door fabric curtain to escape from its lateral sliding tracks and return automatically to the winding roller, without any intervention by an operator. The **FDA/BGA** version, with a completely transparent curtain and a semi-rigid BGA and FDA certified panel, is particularly suitable for processing areas.





Model

WINDOR

The flexible swing door is positively the most proven, reliable product in the industrial door business. Its operation is simple and the high quality of materials used by COIL, in addition to an advanced production technology, guarantee an almost limitless maintenance-free operating life.

- The flexible PVC panels can either be fully clear transparent or, alternatively, they can have a combination of flexible opaque
- PVC bottom and a clear top, or totally opaque panels with a central clear window
- Made of stainless steel AISI 304 (particularly suitable for food environments) or painted RAL
- Can be automated with specific pneumatic or electro-pneumatic devices, either modulating or bidirectional
- Suitable for installation on escape routes

DOUBLE ACTION
PVC DOORS



Model

WINDOR with automatic "SP" and "SAM" series devices

Pneumatic bi-directional push type device for automatic door opening in both travel directions.

With a light pressure on the door panels the SP pneumatic device will make the door open. The system is composed by two pneumatic cylinders fitted with a speed dampener and speed regulators for both opening and closing.

Door opening occurs in either travel direction by means of an initial pressure on the panels, which actuates the air-loaded cylinder. In case of a temporary air outage the system allows a manual opening with no damage.

This system can be used in all processing or loading/unloading areas.

We do not recommend using this automation for swing doors in the Sale Areas, since the bi-directional panel swinging can affect public which may be near or inside the door swing area.

DOUBLE ACTION
PVC DOORS

Model

WINDOR FDA

- Frame work available in AISI 304 stainless steel
- Polyethylene panels approved for use in food processing
- No snag which may interfere with door cleanup
- Suitable for installation as panic exit doors

Automatic Door with one or two polyethylene sliding rigid panels of high quality and an AISI 304 stainless steel structure. Fordable in both directions, it is particularly suitable for use in environments subject to high sanitation.

WINDOR FDA is a "dual swing" rigid doors with panels that can swing open independently in both travel directions and this allows the installation of an automatic opening system. The door panels are made of low pressure rigid polyethylene with snap insert of clear sight windows.





WINDOR FDA with sliding system

Windor FDA is available with a single or dual sliding rigid panels is fitted with an electro-pneumatic automation system. This solution allows the installation of an automatic door for personnel transit also in rooms where the space required for door panel swinging is not enough.

The special automation system program, which opens the door automatically in case of power shortage, can also be upgraded to a PANIC EXIT door opening option, making FDA RAIDOOR also suitable for installation on escape routes.

DOUBLE ACTION
POLYETHYLENE
DOORS

COIL REFERENCES

Auchan
Carrefour
Conad
COOP
Despar
Esselunga
Il Viaggiator Goloso
Iper
Panorama
Supermercati PAM
Super Di

Arena Holding
AIA
Cademartori
Castelcarni
Citterio
Fattorie Osella
Giesse Fresco Group
Grissin Bon
Menù
Montana alimentare
Orogel
Perfetti
Recla Ortler Speck
San Pellegrino
Senfter
Veroni

A range of industrial doors
for industry and trade:

Large Scale Retail
Food industry
Low Temperature
ATEX environments
Chemical and pharmaceutical
Waste treatment plants
Railway Industry
Hospital

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