



# INDUSTRIAL DOORS

CHEMICAL  
PHARMACEUTICAL  
APPLICATIONS

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

Optimal for the subdivision between operating environments and / or controlled atmosphere storage.

To employ “an automatic roll up” door is definitely an advantage for both technical plant design engineers and actual operators.

The priority of COIL engineering department for these applications was the development of special doors suitable for intensive sanitation and operating features allowing “automated” operator transit and “isolating ” areas with different environment without creating room barriers.

All doors built in compliance with Law EN 13241/1.  
Over 116.000 installed doors in Italy and abroad.





HIGH SPEED  
ROLL UP DOOR



Door system for interlock  
filtering position

Model

# AGRO PHARMA 900

AgroPharma is an High Speed Rollup Door solution for the division between operating environments and/or controlled atmosphere storage.

AgroPharma automates the passage of operators by isolating areas with different environmental characteristics without introducing operational barriers.

- Frequent wash down capability (this is mandatory in the food industry)
- Positive air tight feature. In the chemicals-pharmaceuticals and food industries the processing rooms are rated "white areas", thus their environments are overpressurized to prevent outside pollution from entering. More the door is air tight, less the energy costs will be to keep the room over-pressurized
- Operating reliability. Due to the special environment where these doors will operate, this door should work without special maintenance downtime.

## Model

# PAL 150SP

- Frequent wash down capability
- Positive air tight feature
- Reliable operation

PAL 150 SP is born from the COIL experience in the field of high-sanitization doors. Designed specifically for the partitioning of operating environments and / or controlled atmosphere storage.

In order to isolate rooms, each with different air temperature and quality, the leak proof feature of standard high speed roll up doors may not prove sufficient. The new PAL 150 "SP" design allows best air tightness between the flexible curtain and the side tracks. This is achieved by special low friction, wear-resistant strips applied on either side of the curtain.

The design of PAL 150 "SP" door features a header box with a rotary drum and a mobile bulkhead which prevents unwanted air entrapment from the uppermost area of the winding curtain and the surface of the horizontal support beam.



HIGH SPEED  
ROLL UP DOOR

Model

# PAT 100 Inox AISI 304

PAT 100 designed for heavy traffic, is a sturdy, reliable rollup door with a competitive price.

A compact framework makes PAT 100 easy to install and reduces the possibility of casual collisions.

The flexible curtain has an interchangeable section construction which allows a simple maintenance and low overhead costs.

PAT 100 Inox AISI 304 s designed to ensure the highest hygiene standards, for applications in the food, chemical and pharmaceutical industries.

- From stockroom to Loading/Unloading platform
- Rollup Door with a side pedestrian door with upper glass section and safety push bar
- Transom with Insulated curtain

HIGH SPEED  
ROLL UP DOOR

Model

# STAR 250 PLUS

The STAR 250, with its compact design, high speed operation and a wide range of optional features, is the ideal door for rapid transit of room entries.

Its compact design makes this door ideal for “in-door” installation, viz. within door jambs. Star 250 Plus is designed and built to meet FDA regulations for food processing/storage applications.

This model is fabricated with AISI 304 Stainless Steel and with a flexible, fully transparent Class 2 self extinguishing P.V.C. sheeting. Interchangeable sections in the larger dimensions. The Internal Control Box inside a jamb is standard.





Model

## REKORD

"Anti-Crash, Self-Repairing" Fast rollup Doors for backroom applications.

High speed rollup doors version "anti-crash & self repairing". Speed and Safety are the two guidelines which backed the development of these doors: door should not create any hindrance in high traffic doorways; transit, mainly pedestrian, can also involve untrained personnel.

This feature occurs when the lower part of, or the entire "anti-crash" curtain, exit the side tracks due to an incidental crash, sliding back into the tracks automatically, without any operator's assistance.

HIGH SPEED  
ROLL UP DOOR

## SOME REFERENCES

BASF Vernici

Biosint

Clariant

Doppel

Edmond Pharma - Recipharm AB

Esapharma

Euticals - AMRI

Flexicon

Helvoet Pharma

Inver

Laboratorio Chimico Internazionale - Olon

Lisapharma

Menarini Farmaceutici

Mipharm

Montefarmaco OTC

Nova Agenzia Industria Farmaceutica

Pharmalife Research

Propharmabi

Searle

Sifa Vitor - Infa Group

Sterilfarma

Sun Chemical Group

A range of products that covers all possible needs  
in any field of work

Climate controlled areas  
Chemical and Pharmaceutical  
Department Stores  
ATEX Environment  
Hospital Area  
Food Industry  
Waste recycling Applications  
Rail Industry

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