



A reliable  
partner for your  
door openings

Ditec **HIGH  
PERFORMANCE  
DOORS**





# Ditec **A RELIABLE PARTNER FOR YOUR DOOR OPENINGS**

Ditec was created in 1996 as a merger of 3 brands: Novotecnica, PA and Aprin. Together, they became a leader in entrance solutions. From its homebase in Milano, Ditec was able to grow into a well-known brand on the Italian market, offering high quality and aesthetic products appreciated by specialists all over the world.

In 2009, Ditec was acquired by ASSA ABLOY, a Swedish based supplier of pedestrian doors and automation, combining the best of 2 worlds: southern flair and northern pragmatism.

In 2015 Ditec moved away from the generalist approach to become a product specialist. The company was split into two divisions, each with its specific product range. The Ditec High Speed Door range became a division focusing on high performance doors, with headquarters in Belgium.

ASSA ABLOY'S combined know-how and technology results into continuous improvements of the Ditec product offering and overall quality. Within the vision and ambition of ASSA ABLOY to be a global leader, Ditec is more than ever ready to be your loyal partner and trusted supplier. Let's write the next chapter together and work for a bright and positive future!

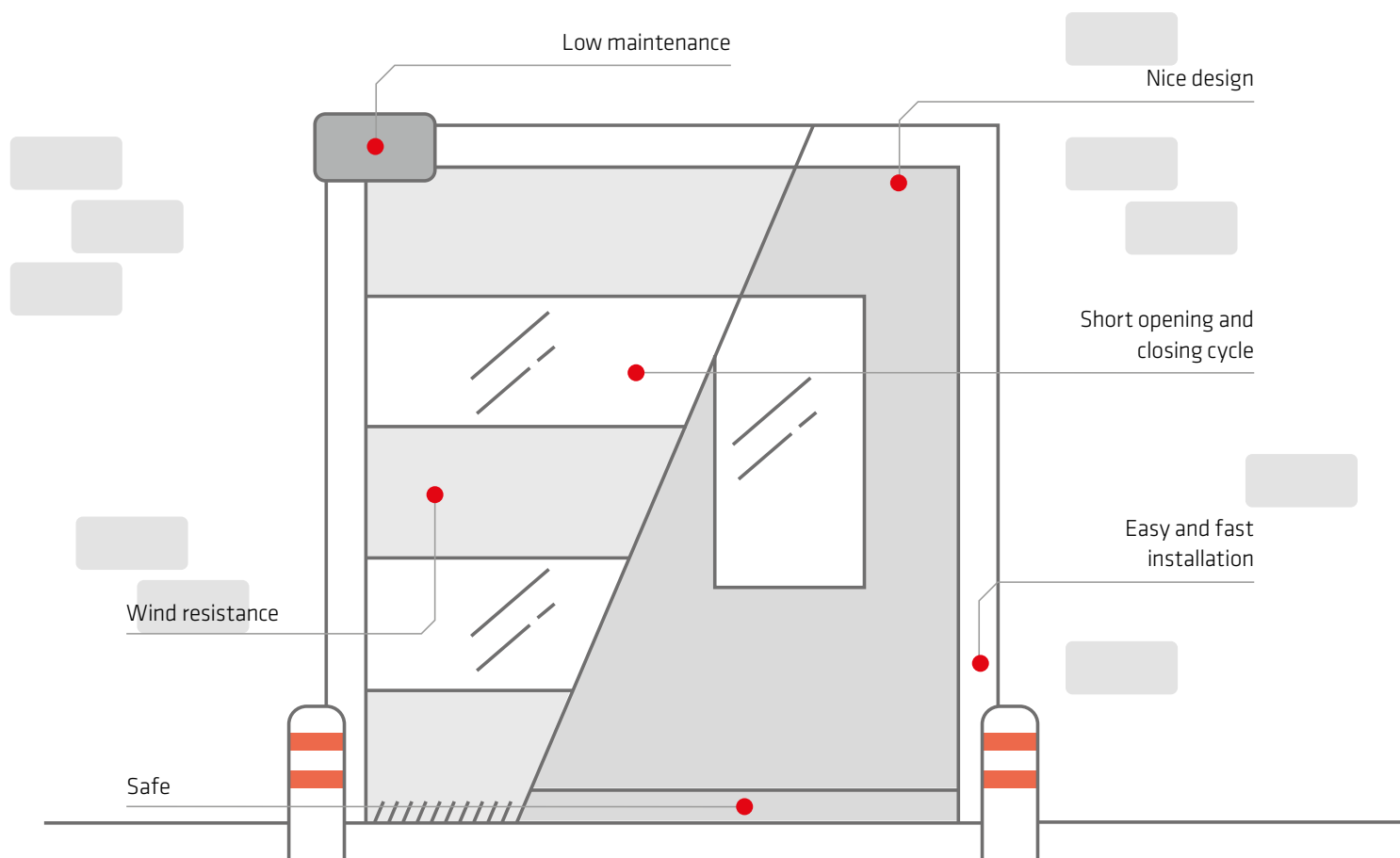
# A smart design for your door openings

The Ditec High Performance Doors are known for their smart, Italian design. The short opening and closing cycle assures uninterrupted flows of people and goods. At the same time, special safety features avoid damage or injuries in case of a crash.







The wind resistant door curtain assures improved working conditions, protecting your premises against bad weather, dust and pests.

Furthermore, the Ditec High Performance Doors are specially conceived to assure easy and fast installation and to reduce maintenance costs. This results in significant savings.

In short: a smart solution for your door openings.



# The **right solutions** for your door openings

|                               | RESET   |   | PLUS  |  | TRAFFIC   |   |
|-------------------------------|---|---|---|--|---|---|
|                               | SOFT RESET  | SOFT RESET FOOD   | SECTOR RESET  | SECTOR PLUS  | TRAFFIC C   | TRAFFIC CM  |
|                               |  |  |  |  |  |  |
| Max. dimensions (wxh)         | 4500 x 4600   | 4500 x 4600   | 6000 x 5000   | 6000 x 6000  | 6000 x 5400   | 11000 x 7000<br>or 9000 x 8500  |
| Standard metal frame          | Galvanized steel  | Stainless steel   | Galvanized steel  | Galvanized steel   | Galvanized steel  | Galvanized steel  |
| Inverter                      | √   | √   | Optional  | Optional   | Optional  |   |
| Wind resistance*              | Class 2   | Class 2   | Class 3 **  | Class 1  | Class 2   | Up to Class 2   |
| Max. opening speed            | 2,3 m/s   | 2,3 m/s   | 3 m/s   | 1,5 m/s  | 1,3 m/s   | 0,7 m/s   |
| Curtain protection features   | Self-reinserting curtain  | Self-reinserting curtain  | Self-reinserting curtain  | Anti-crash bottom edge   |   |   |
| Draughtproof properties       | Excellent   | Excellent   | Excellent   | Very good  | Good  | Good  |
| Traffic volume                | High  | High  | Intense   | Intense  | Medium  | Medium  |
| Application                   | Internal  | Food industry   | Internal / External   | Internal   | External / Heavy duty   | External / Heavy duty   |
| Horizontal reinforcement bars |   |   |   | √  | √   | √   |
| Emergency release             | Crank   | Crank   | Semi-automatic  | Semi-automatic   | Semi-automatic  | Semi-automatic  |
| Full curtain print            | √   | √   | √   |  |   |   |

\* For reference door 3000 x 3000

\*\* Class 3 with option 50W



# Ditec **SOFT RESET**

The internal door for maximum flexibility



**The Ditec Soft Reset is a compact self-reinserting roll-up door with a fully flexible curtain and soft bottom edge. The door offers improved looks, excellent sealing and easy operation.**

## IMPROVED WORKING CONDITIONS

### Optimized process flow

The Soft Reset is designed for fast installation and easy operation. The quick opening and closing cycles and the self-reinserting function of the curtain reduce the risk of downtime after a crash and make this door the perfect solution for a smooth and trouble-free process flow!

### Energy savings

Opening speeds up to 2,3m/s and fast closing make sure the door does not stay open longer than necessary; this results in important energy savings.

### Sealing

The zippers are running in tight side guides, providing excellent sealing. They minimize the passage of air and infiltration of dirt. Optional gaskets are available in order to enhance the insulation capacity of the door.

### Low noise

A silent operation is assured by the specially designed side guides, the continuous zippers and special washers that absorb vibration.

## SAFETY ASSURED

### Protection of people & goods

Possible obstacles will immediately be detected as the Soft Reset comes with a well-tested and field proven combination of 2 safety devices. In the unlikely event of a crash, the fully flexible curtain and soft bottom are designed not to cause any harm.

### User-friendly operation

The control unit with its 32-digit LCD display will be your valuable assistant to keep you informed about the operation of the door. It is easy to adjust settings and plan maintenance. The manual release system allows you to open the door quickly in case of an emergency.

## SMART & NICE DESIGN

### Creative design and enhanced looks

The frame of the Soft Reset has a streamlined and robust construction. The upper cover with its sloping top is good-looking and easy to clean. The rounded PVC side covers are a handsome addition to finish off the overall design.

### Low maintenance

The soft start and stop make the opening and closing movements well controlled. They reduce stress on the motor and decrease energy consumption. The Soft Reset has few moving parts and requires little maintenance. In case of a crash, the door will not require repair works as the curtain will automatically reintroduce itself when going up.

### Space saving

The footprint of the Soft Reset is very small thanks to the 2 narrow columns. The compact structure of the frame and the small headspace for the rolled-up curtain assure a maximum passage height and width.



**User-friendly operation**



**Soft bottom edge**



**Perfect alignment**

# Ditec **SOFT RESET FOOD**

Designed for food processing plants





**The Ditec Soft Reset Food door is designed with the standards and requirements of the food processing industry in mind. It is the right solution for when you want to combine the advantages of a rapid door with a food environment. The Ditec Soft Reset Food door offers you fast opening cycles that are easy to control and will help to achieve an optimal workflow.**

## MAIN CHARACTERISTICS

The door consists of a full metal frame, all components of which are made of stainless steel; this includes the control unit, the shaft, the springs, the screws and washers. All electronic components have a certified high IP grade. Together with the special cabling, they are designed to assure optimal functionality in wet or humid environments.

### ✦ Fully washable

Thanks to the design of the door and the choice of materials, the Ditec Soft Reset Food will withstand frequent washing. The smooth upper cover with its sloping top will prevent the accumulation of water. Additionally, an extra drain solution can be added at the bottom of the curtain to help prevent droplets from falling into the door opening.

### ✦ Optimal hygienic conditions

The high opening speed of up to 2,3m/s and the fast closing speed will assure you just the right time for your door to stay open. The flexible curtain offers excellent sealing against outside exposure and protection against unwanted elements.

## SAFETY ASSURED

### ✦ Protection of people & goods

Possible obstacles will immediately be detected as the Ditec Soft Reset Food door comes with a well-tested and field proven combination of 2 safety devices with high IP grade. In the unlikely event of a crash, the fully flexible curtain and the soft bottom are designed not to cause any harm. The self-reinserting function of the curtain reduces the risk of downtime after a crash and makes this door the perfect solution for a smooth and trouble-free process flow!

### ✦ User-friendly operation

The stainless steel control unit with its 32-digit LCD display will be your valuable assistant to keep you informed about the operation of the door. It is easy to adjust settings and plan maintenance. An accessible manual release system allows you to quickly open the door in case of an emergency.

## SMART & NICE DESIGN

### ✦ Low maintenance

The Ditec Soft Reset Food “start and stop” make the opening and closing movements well controlled. They reduce stress on the motor and decrease energy consumption. The Ditec Soft Reset Food door has few moving parts and requires little maintenance.

### ✦ Enhanced looking

The frame of the Ditec Soft Reset Food has a streamlined and robust construction. The overall design is narrow and space saving.



**Easy to clean gutter**



**Safety Linear Encoder**



**32-digit LCD display**

# Ditec **SECTOR RESET**

The most energy-efficient door



**The Ditec Sector Reset is a self-reinserting roll-up door with a soft bottom edge, offering excellent sealing. This door is suitable for heavy-duty applications.**

## IMPROVED WORKING CONDITIONS

### Optimized process flow

The fully flexible curtain without rigid elements allows the door to open and close fast. With the INVERTERmotion, the opening speed can be differentiated and increased up to 3 m/s. The self-reinserting function of the curtain reduces the risk of downtime in case of an accidental hit.

### Energy savings

The high operating speed avoids the doors remaining open longer than needed. Thus, the working environment remains stable and energy can be saved.

### Sealing and wind resistance

The curtain is retained in the side guides by zippers that provide excellent sealing. This minimizes the transfer of air and the infiltration of dust. On doors with the Ditec INVERTERmotion, the step-by-step closing feature makes sure doors can close also under windy conditions. Optional reinforcement elements make the door withstand wind forces up to class 3.

### Low noise

Thanks to the specially designed side guides and the continuous zippers, the door operates very quietly.

## SAFETY ASSURED

### Protection of people & goods

The unique, self-testing Safety Linear Encoder and the photocells detect possible obstacles and reopen the door when needed. The curtain itself is intrinsically safe, as it has a soft bottom and contains no rigid bars.

### Emergency opening

In case of an emergency, the door can be easily opened by using the red handle, that will release the counterweights and make the curtain go up.

## SMART & NICE DESIGN

### Italian looks

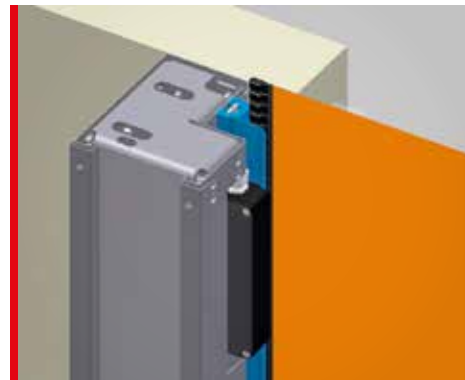
Ditec Reset doors are known for their streamlined design. Large windows are available for maximum visibility. The curtain can also be printed with your own design.

### Low maintenance

The Sector Reset with few moving parts and specially designed side guides requires little maintenance. Thanks to the self-reintroduction of the curtain and the absence of rigid bars, repair costs are limited in case of an accidental crash. Counterweights reduce the efforts required by the motor, resulting in a longer lifetime and less maintenance.

### Space saving

The compact construction of the Sector Reset and the absence of a side-motor allow for installation in a corridor or any other limited space. The self-supporting frame gives extra flexibility when you are not sure to what kind of wall material the door will be fixed.



**Safety Linear Encoder**



**Counterweight**



**Self-reinserting**

# Ditec **SECTOR PLUS**

The maximum visibility door for increased safety



**The Ditec Sector Plus is a compact door suitable for narrow spaces, with optional full transparency. The self-testing bottom edge and semi-automatic opening feature assure safety.**

## IMPROVED WORKING CONDITIONS

### Optimized process flow

The counterweight allows the door to open and close fast. With the INVERTERmotion, speed can be differentiated and increased up to 1.5 m/s.

### Energy savings

The high operating speed avoids the doors remaining open longer than needed. Thus, the working environment remains stable and energy can be saved.

### Wind resistance

Aluminum or steel bars reinforce the curtain against wind loads.

## SAFETY ASSURED

### Protection of people & goods

The self-testing, sensible bottom edge and the photocells detect possible obstacles and reopen the door when needed.

### Emergency opening

In case of emergency, a red handle can be turned to release the counterweight and open the door.

## SMART & NICE DESIGN

### Italian looks

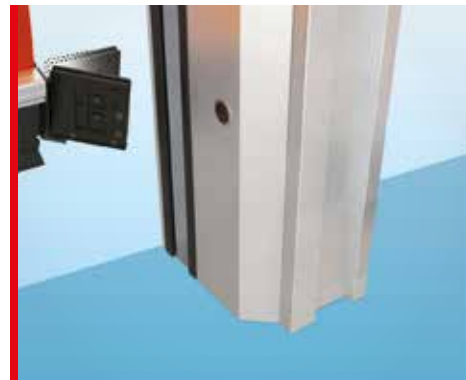
Sector Plus doors offer the possibility of a modular curtain, which allows for full transparency. Reinforcement bars ensure that the curtain is nicely stretched. The compact columns provide an elegant appearance.

### Low maintenance

Counterweights reduce the efforts required by the motor, resulting in a longer lifetime and less maintenance costs. The Ditec original ACS break-away system avoids further damage to the aluminum bottom bar and steel columns in case of crash. It features so-called safety shoes that can easily be replaced by a non-specialised engineer. With a modular curtain, damaged sections can easily be substituted, without changing the entire curtain.

### Space saving

The Ditec Sector Plus is a compact door, with built-in counterweights and motor. The self-supporting frame and the absence of a side-motor allows for installation in a corridor or any other limited space.



**Anti-Crash system**



**Emergency opening**



**Modular sections**



# Ditec **TRAFFIC C/CM**

The external door for intense traffic



The Ditec Traffic C is a robust fold-up door, ideal for external applications. The Traffic CM is suitable for larger dimensions.

## IMPROVED WORKING CONDITIONS

### Optimized process flow

The 400V motor, combined with counterweights, allows the door to open and close fast. With the INVERTERmotion, speed can be differentiated and increased up to 1.3 m/s.

### Energy savings

The high operating speed avoids the doors remaining open longer than needed. Thus, the working environment remains stable and energy can be saved.

### Wind resistance

Thanks to the reinforcement bars in the curtain, the Ditec Traffic C/CM withstands wind loads up to class 2. The fold-up principle makes sure doors can close even under heavy wind load.

## SAFETY ASSURED

### Protection of people & goods

The self-testing, sensible bottom edge and the photocells or a light curtain detect possible obstacles and reopen the door when needed.

### Emergency opening

In case of emergency, a red handle can be turned to release the counterweight and open the door.

## SMART & NICE DESIGN

### Italian looks

A Ditec Traffic C/CM door has a nicely finished doorframe. On the Traffic C, fully transparent sections are available for maximum visibility.

### Low maintenance

The Ditec Traffic C/CM, with its most accessible operating system, requires little maintenance.

### Space saving

The Ditec Traffic C/CM requires limited installation space. Its self-supporting frame and the absence of a side-motor allows for installation in a corridor or any other limited space.



Horizontal reinforcement bars



Emergency opening



Modular sections



## Ditec **THE RIGHT DOOR FOR EVERY APPLICATION**

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