



RAPID DOORS

DOCK LEVELLERS
RAPID DOORS
LIFTING PLATFORMS
DOCK SHELTERS
SECTIONAL DOORS
COMPLEMENTS FOR THE FOOD INDUSTRY

RAPID-OPENING DOORS



MS METALSYSTEM RAPID DOORS:

These are suitable for areas with constant traffic thanks to their speed of opening and closing, which can reach a maximum speed of 2m/sec.

This means **INCREASED SAFETY** (speed of opening minimises the risk of accidents),

ENERGY SAVINGS (avoids the loss of frigoriferia) and **IMPROVED HYGIENE** and **WORKING CONDITIONS**.

They are made with high-**QUALITY** materials and the latest **TECHNOLOGY**.

With our range of different models we can provide you with the right solution to your needs:

- **QUICKSYSTEM**: For areas with high traffic density.
- **FOLDSYSTEM**: For large-sized openings.
- **SEMI-RAPID**: For areas with occasional traffic.
- **MB**: To separate working areas.

Our whole range of doors is manufactured in different materials:

- **AISI-316L STAINLESS STEEL**: Suitable for the food, pharmaceutical and chemical industries and for any other where there is a high risk of corrosion.
- **GALVANISED**: Suitable for general industry.





QUICKSYSTEM®



ADVANTAGES OF THE QUICKSYSTEM DOOR:

Its speed and ease of opening and closing make it suitable for areas with constant traffic.

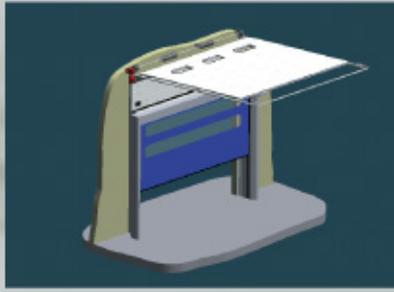
Allows for a large number of operations without requiring special maintenance.

Provides a high degree of heat, damp, dust and sound insulation.

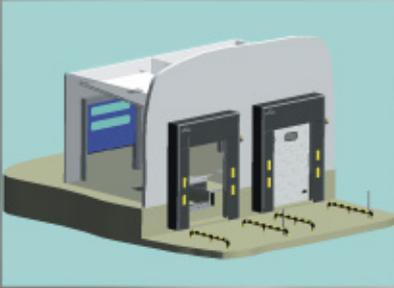
APPLICATIONS



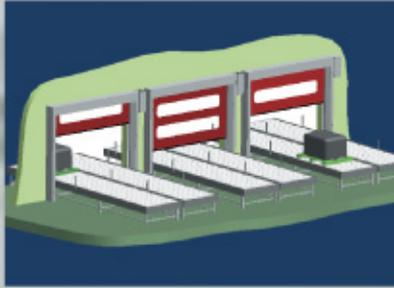
To separate work areas or rooms.



For exterior openings combined with sectional door.



Interlocking system.



In automated production lines.

TECHNICAL FEATURES:

Roller opening system using a drum.

Flexible curtain made from 900 g/m² PVC plastic material in a wide range of colours, equipped with glass fibre reinforcement to guarantee excellent resistance to air currents.

Top drum powered by an electrically-operated geared motor.

Control panel with automatic units and a frequency variator to control raising, lowering, acceleration and deceleration.

Clear PVC vision panels for visibility of any possible obstacles.

Fast operation, with a maximum opening speed of 2 m/sec.

The geared motor is located at the top of the door, and features a brake and manual release for emergency opening.

The chassis, made of stainless, galvanised or coated steel, is specially designed to maximise the space available, to provide maximum protection and accessibility for the different components of the door (geared motor, guides, drum and other mechanisms).

Emergency stop button.

All Quicksystem doors have the following safety features: photoelectric barrier and bottom safety edge.

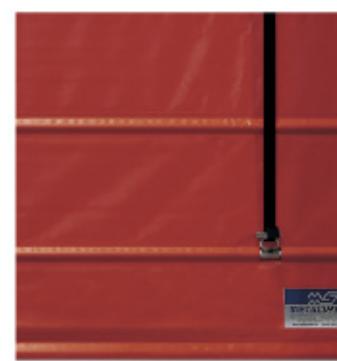
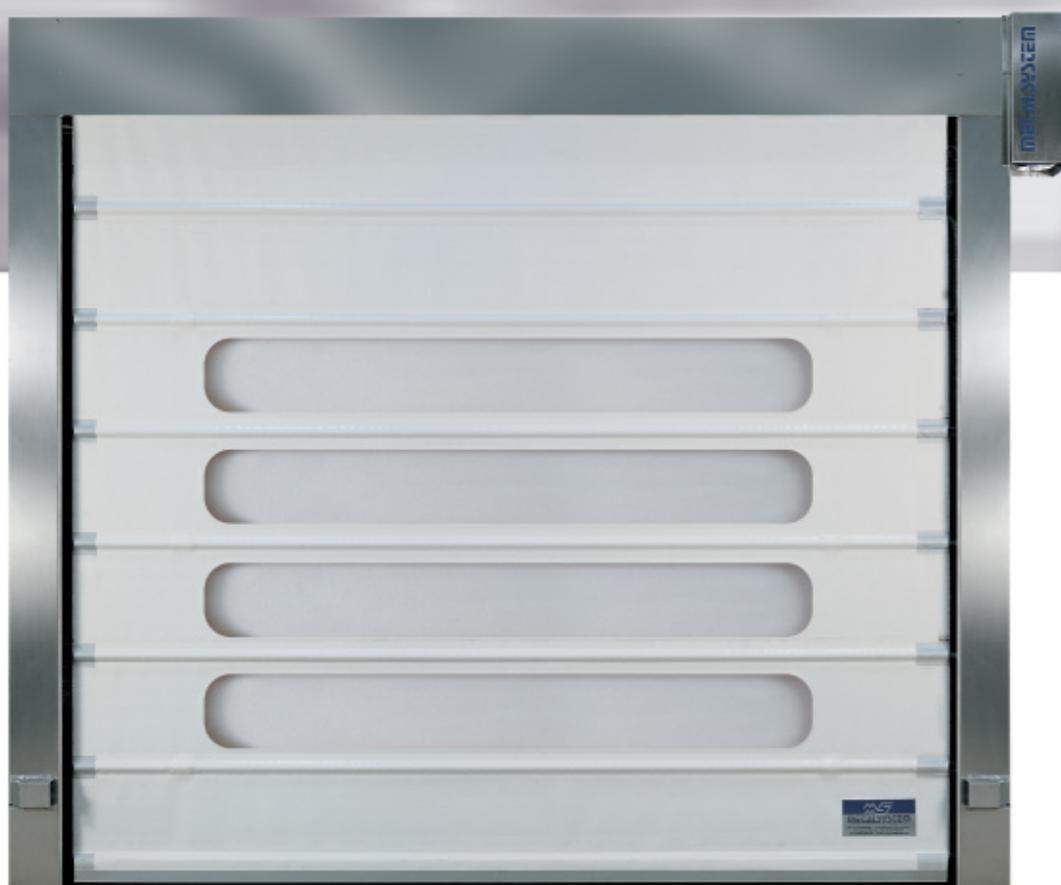
Opening by means of buttons on each side.

Different opening systems to suit your requirements for use.

THE QUICKSYSTEM – INOX MODEL:

This is made ENTIRELY out of STAINLESS steel: chassis, control panel, mechanisms, bearings, drum and brackets.

FOLDSYSTEM



ADVANTAGES OF THE FOLDSYSTEM DOOR:

Suitable for large entrances or those with strong air currents, thanks to the folding system which gives it greater strength. Ideal for exterior openings.

Provides a high degree of heat, damp, dust and sound insulation, thanks to its quick and easy opening and closing

TECHNICAL FEATURES

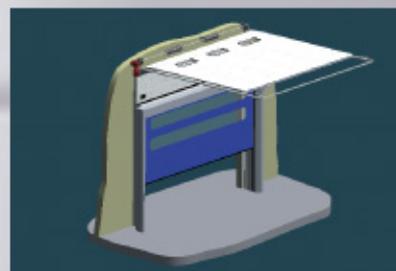
Folding opening system.

Flexible curtain made from 9mm thick PVC, equipped with glass fibre reinforcement for resistance to air currents.

APPLICATIONS

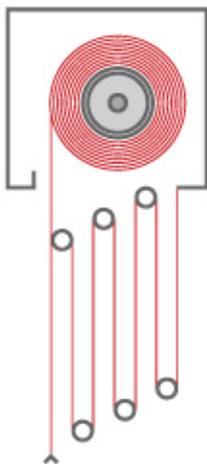


To separate work areas with large entrances.



For exterior openings (combined with sectional door) with strong air currents.

OPENING SYSTEM



00 g/m² PVC plastic material,
reinforcement to guarantee excellent

High strength belts which gather up inside the drum, folding the fabric.

Top drum powered by an electrically-operated geared motor.

Clear PVC vision panels for visibility of any possible obstacles.

Fast operation, with a maximum opening speed of 1.2 m/sec.

The geared motor is located at the top of the door, and features a brake and manual release for emergency opening.

The chassis, made of stainless, galvanised or coated steel, is specially-designed to maximise the space available, to provide maximum protection and accessibility for the different components of the door (geared motor, guides, drum, etc.).

Control panel with automatic units and a frequency variator to control raising, lowering, acceleration and deceleration.

Emergency stop button.

Foldsystem doors feature a photoelectric barrier as a safety system.

Opening by means of buttons on each side.

Different opening systems to suit your requirements for use.

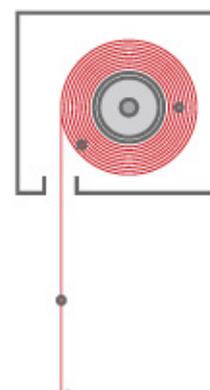
The FOLDSYSTEM – INOX version:

This features a chassis, mechanisms, bearings, drum, brackets and control panel made entirely out of STAINLESS steel, ideally-suited to industries where there is a high risk of corrosion.

SEMI-RAPID



OPENING SYSTEM

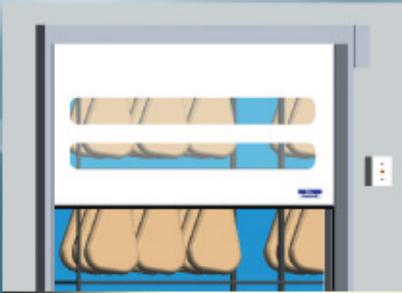


ADVANTAGES OF SEMI-RAPID DOORS:

Suitable for areas with occasional traffic.

Provides a high degree of heat, damp, dust and sound insulation, thanks to their quick and easy opening and closing.

APPLICATIONS



Ham drier

TECHNICAL FEATURES

Roller opening system using a drum.

Flexible curtain made from 900 g/m² PVC plastic material in a wide range of colours, equipped with glass fibre reinforcement to guarantee excellent resistance to air currents.

Top drum powered by an electrically-operated geared motor.

Motor controlled from a control panel.

Clear PVC vision panels for visibility of any possible obstacles.

Continuous opening and closing speed of 0.4 m/sec.

The geared motor features a brake and manual release for emergency opening.

The chassis, made of stainless, galvanised or coated steel, is specially-designed to maximise the space available, to provide maximum protection and accessibility for the different components of the door geared motor, guides, drum and other mechanisms.

Emergency stop button.

All semi-rapid doors feature a photoelectric barrier as a safety system.

Opening by means of buttons on each side.

Different opening systems to suit your requirements for use.

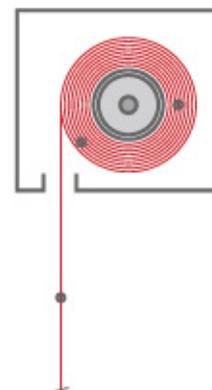
SEMI-RAPID – INOX MODEL

This is made ENTIRELY out of STAINLESS steel, chassis, control panel, mechanisms, bearings, drum and brackets.

MB INOX



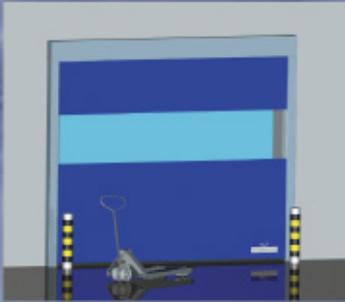
OPENING SYSTEM



ADVANTAGES OF MB INOX DOORS

The MB door provides a high degree of hygienic and heat insulation. Well-suited to markets or exchanges, where handling areas must be separated from dispatch or sales areas.

APPLICATIONS



Central market

TECHNICAL FEATURES

Roller opening system using a drum.

3mm thick PVC curtain with special lattice which provides maximum rigidity horizontally and maximum elasticity vertically, to ensure it rolls up perfectly.

Middle part of panel transparent.

Intermediate glass fibre reinforcement.

Side guides made of stainless steel. Motor integrated into the drum, specially designed to maximise available space.

Operated from a control panel.

Opening by means of a button.

In case of a power cut, it features a manual release for emergency opening.

DIMENSIONS (in mm)			QUICKSYSTEM	FOLDSYSTEM
Opening measurements	Width	A	clear width	clear width
	Height	B	clear height	clear height
External measurements	Width	C	clear width + 400	clear width + 440
	Height	D	clear height + 500	clear height + 950
Lateral structure	Width	E	200	220
	Depth	F	280	280
Motor	Width	G	215	250
	Height	H	600	700
	Depth	I	280	280
Upper structure -drum	Width	J	clear width + 400	clear width + 440
	Height	K	250	250
	Depth	L	280	280

TECHNICAL FEATURES	QUICKSYSTEM	FOLDSYSTEM
Applications	For areas with high traffic density	For areas with high traffic density and for large-sized openings.
Opening system	Rolling	Folding
Operation	Geared motor with brake	Geared motor with brake
Control panel	Automatic units and frequency variator	Automatic units and frequency variator
Maximum opening speed	2 m/seg	1,5 m/seg
Closing speed	Programmable	Programmable
Curtain features	PVC 900 gr/m ²	PVC 900 gr/m ²
Curtain colours	According to range of colours	According to range of colours
Strap		Yes
Clear PVC	2 windows+optional	2 windows+optional
Reinforcement	Glass fibre	Stainless steel
Chassis	Stainless - galvanised - coated steel	Stainless - galvanised - coated steel
Photoelectric barrier	Standard	Standard
Bottom safety edge	Standard	Optional
Standard opening	Push button	Push button
Optional opening systems	Loop detector, photoelectric barrier, radar, pull cord switch, radio control	Loop detector, photoelectric barrier, radar, pull cord switch, radio control

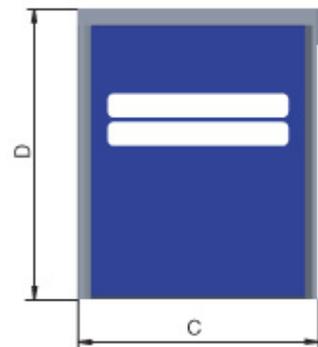
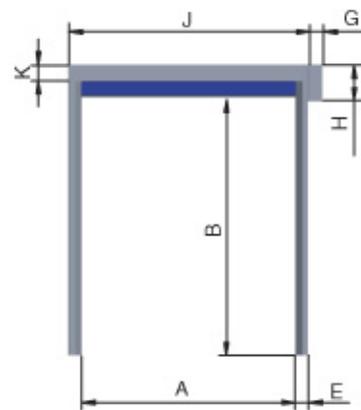
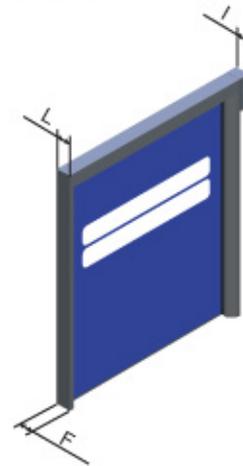
MS Metalsystem reserves the right of changing any dimensions or features that appear in this catalogue without prior notice.

* : Geared motor integrated into the drum

SEMI-RAPID	MB
clear width	clear width
clear height	clear height
clear width + 400	clear width + 300
clear height + 500	clear height + 300
200	150
280	100
215	0*
600	0*
280	0*
clear width + 400	clear width + 300
250	200
280	150

SEMI-RAPID	MB
For areas with occasional traffic	For to separate handling areas
Rolling	Rolling
Geared motor with brake	Geared motor integrated into the drum
Control panel with PCB (printed circuit board)	Control panel with PCB (printed circuit board)
0,4 m/seg	0,4 m/seg
0,4 m/seg	0,4 m/seg
PVC 900 gr/m ²	3mm thick PVC
According to range of colours	Blue or white
2 windows+optional	1 window
Glass fibre	Glass fibre
Stainless - galvanised - coated steel	Stainless steel
Standard	Optional
Optional	Optional
Push button	Push button
Loop detector, photoelectric barrier, radar, pull cord switch, radio control	Loop detector, photoelectric barrier, radar, pull cord switch, radio control

DIMENSIONS

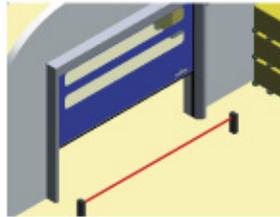


OPENING SYSTEMS

All **MS METALSYSTEM** rapid doors can be operated by means of different opening systems depending on your requirements.



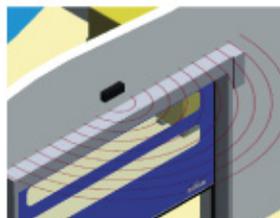
Loop detector



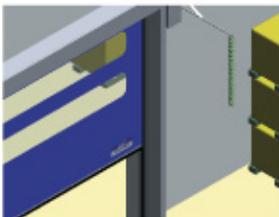
Photoelectric cell



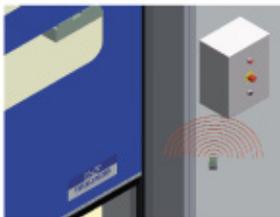
Push button



Radar



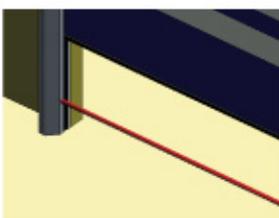
Pull cord switch



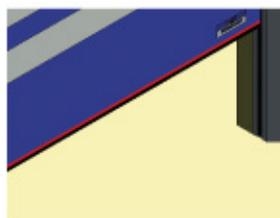
Radio control

SAFETY SYSTEMS

All models of rapid doors feature, as a safety system, a photoelectric barrier and the Quicksystem model also has a bottom safety edge (this is optional on the other models).

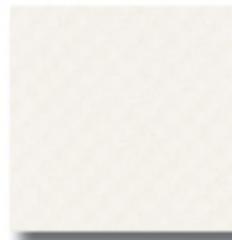


Photoelectric barrier

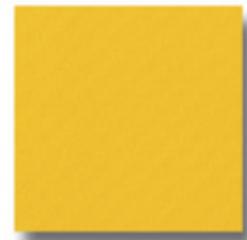


Bottom safety edge

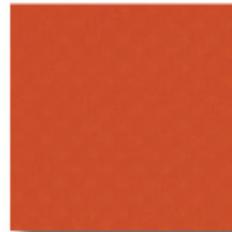
WIDE RANGE OF COLOURS



White



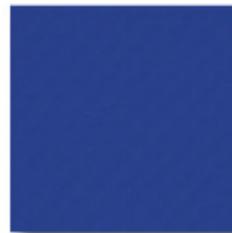
Yellow



Orange



Red



Blue



Green



Grey



Metalic Grey

OPTIONAL ACCESSORIES

UPS: Electrical cabinet equipped with UPS to allow automatic opening in the event of a power cut.

DOUBLE FABRIC: Curtain made with two PVC panels and foam inside, to provide greater insulation.



SAFETY GUARDS:

To protect the sides of the rapid doors from collisions, made of stainless steel or painted steel.

OTHER PRODUCTS



By **MS METALSYSTEM, SL.**

we manufacture and install: ramps for loading docks, hydraulic lifting platforms, sectional doors, rapid doors, dock shelters, protections, pallet turnovers and other complements for the food industry.

We manufacture the equipment in different materials and sizes: stainless, galvanised and painted steel, depending on the requirements and corrosion risks of the location where they are to be installed and the use to which they are to be put.

MS METALSYSTEM products are manufactured in accordance with Machinery Directive 89/392, 91/368, 93/44 and 93/68/EEC, as well as the harmonised standards EN-292-1/2, EN-294, EN-349 and EN-60204-1.



TECHNICAL SERVICE





www.ms-metalsystem.com



DOCK LEVELLERS - RAPID DOORS
LIFTING PLATFORMS - DOCK SHELTERS
SECTIONAL DOORS - PALLET TUMBLER
COMPLEMENTS FOR THE FOOD INDUSTRY

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