The background features a complex illustration of technical and security concepts. It includes several interlocking gears of various sizes, stylized white clouds with soft shadows, and blue 3D folder icons. A central laptop is depicted with a keyboard and a trackpad. Thin, grey lines connect these elements, suggesting a network or data flow. The overall aesthetic is clean and modern, using a color palette of blue, white, and grey.

# Security Doors

## TECHNICAL SHEETS

# Content

P.03-20 Personal Interlock

P.21-24 Security Revolving Doors

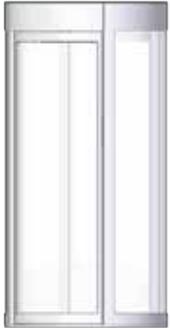
P.25-26 Automatic Revolving Doors

P.27-28 Swing Gates

# Products Portfolio

## Personal Interlock

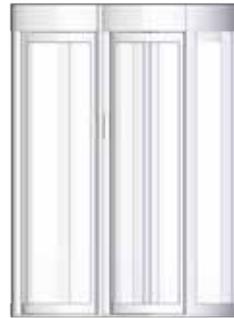
### Circular Unit



- MCA CSK P. 03-04
- MCA CMK P. 05-06
- MCA CLK P. 07-08
- MCA CLK-2D P. 09-10
- MCA HCLK-2D P. 11-12

## Personal Interlock

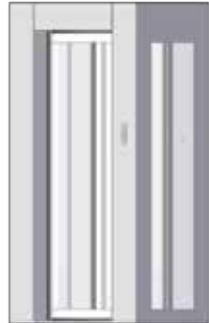
### Circular Twins Unit



- MCA CTK P. 13-14

## Personal Interlock

### Square Unit



- MCA QSK P. 15-16
- MCA QMK P. 17-18
- MCA QLK P. 19-20

## Security Revolving Doors



- MCA R1600 P. 21-22

- MCA R1800 P. 23-24

## Automatic Revolving Doors

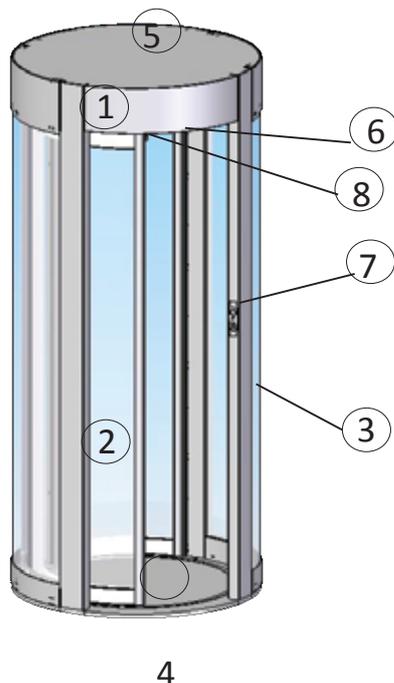


- MCA R2300 P. 25-26

# Personal Interlock

SECURITY DOOR

MCA-CSK CIRCULAR SMALL KIT



## DESCRIPTION

- 1 Top** in painted steel including the devices for doors automation and the electronics and management, power supply and batteries.
- 2 Moveable Wing** in clear glass layered with thickness from 10 to 27 mm, depending on the sort of endurance required. Every door is fitted with security devices to grant the security of people in transit.
- 3 Side panels** in painted steel and multi-layer glass with thickness from 10 to 27 mm, depending on the type and protection's requirements .
- 4 Base** of 20 mm in thickness of high-resistance assures an excellent fixing of the entire structure to the floor.
- 5 Logic control and e automation doors control and access mode** including:
  - ✓ Industrial PC controller ,LAN Network Protocol TCP/IP
  - ✓ Control panel
  - ✓ Battery charger power-supply 230/110-24v dc
  - Emergency Batteries (approx. 100 cycles) in case of lack of primary energy
  - ✓ Two 24 v motors managed by the PC logic control which grant the fast movement of the wings with constant and gradual slow-down at the end of the opening/closing cycle as well as a perfect and efficient torque limiter such as to ensure that any contact of people against the door in motion will not cause any accident to the user.
  - ✓ Security devices for the control of prevention of accidents
- 6 Led Spot Lamps** which grant constant lighting of the people way area.
- 7 Users' plates** : they are plates fitted with red green led showing the availability status for transit and of buttons for the demand of transit.
- 8 Detection Device** of the presence of the person inside the security door.

The security doors of the **MyCheck Access** range have been designed to grant a high-security control access managing the flow of people.

They are the result of a long experience in this field, their design and the strongness as well put it in a particular way at the entry of building as airports, offices' establishments, laboratories, protected sites, any place where both elegance and security are required to check the flow of people.

The product is made by a painted steel structure with doors and glass side panels of high-resistance, toughened and bullet-proof too.

The products of **MyCheck Access** range, thanks to careful devices in both the design and the construction, provide also a good thermal insulation whilst maintaining great visibility thanks to the wide glass sides.

The product **MCA-CSK** is fitted with two automatic motorized doors in glass with a passage of 600 mm and an external dimension of 1050 mm.

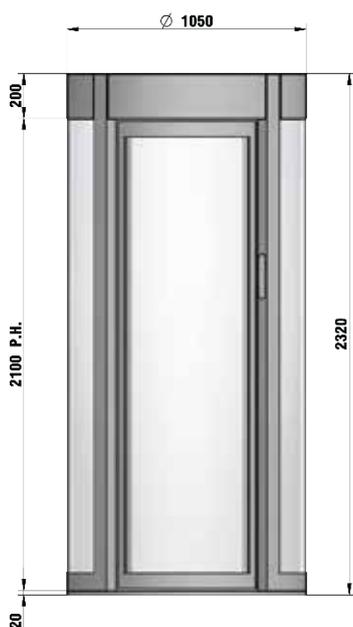
## SURFACE TREATMENT

All the mechanical parts are treated against corrosion by electro zinc, according to RoHS norms.  
The structure is standard RAL paint; finish painting embossed

## STANDARD TECHNICAL CHARACTERISTICS

Power supply	230/110 Vdc single phase, 50/60hz, 10A
Mother board of control	Industrial PC built according to international standards. Linus S.O with serial port ;2 LAN, 2 CAN BAS, 1 RS485, 1RS23, 2USB, 1 mini USB
Geared motor	50W, 24 Vcc
Torque limiter	Electronic
Speed	Programmable
Passages (out of action time of the access control device)	3 to 4 users / minute in one direction, entry. 6 to 7 users / minute in both directions, entry exit.
Power consumption	95 W
Weight	450 - 550 kg
Operating t°	from - 10° a + 45°
Max relative humidity	90% without condensation
Protection index	IP33 (with optional roof)
Shock resistance	IK09 (housing)
MCBF	2 Mo mean cycles between failures, when respecting recommended maintenance
CE	Conforms to European norms

## STANDARD SIZE (MM)



## OPTIONS

- ✓ Metal detector
- ✓ Left object detector
- ✓ Single presence detector
- ✓ Sensor for automatic opening doors
- ✓ Double contact mat
- ✓ Counting people detained
- ✓ Voice messages board
- ✓ Kit for TCP/IP communication with remote console
- ✓ Heater for operation down to -20°C
- ✓ Push button for opening command
- ✓ Key lock for the Entry obstacle (outside the site)
- ✓ Key lock for the Entry obstacle (inside the site)
- ✓ Housing flat finish paint
- ✓ Housing 304L stainless steel (brusche polished)
- ✓ Emergency opening push button inside the cabin
- ✓ Waterproof IP33 roof (half or complete)
- ✓ Intercom with operator (placed outside or inside the cabin)
- ✓ Passage height increased to 2300 mm
- ✓ Adaptation or UL power supply 230/110 V ac
- ✓ 20/21 mm BR2/S P6B glass for obstacles
- ✓ 26/27 mm BR3/S P6B glass for obstacles
- ✓ Milky glass finish
- ✓ Electronics in separate cabinet
- ✓ Product supplied dismantled to be assembled on site

## BEFORE INSTALLATION

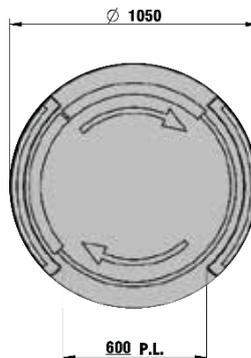
- ✓ Prepare the power supply 230V AC, 50/60 Hz 10A near the point where they pose the cabin, in the upper part.
- ✓ Prepare the pipes from the highest point of the cabin to the point where is the console provided (only if included in the delivery)
- ✓ Prepare the tiled floor or smooth concrete finish (6 mm maximum height difference of 4.00 m)
- ✓ Check the tightness (flow m2) of floor which is installed the security door

## MODE INTRODUCTION AND INSTALLATION

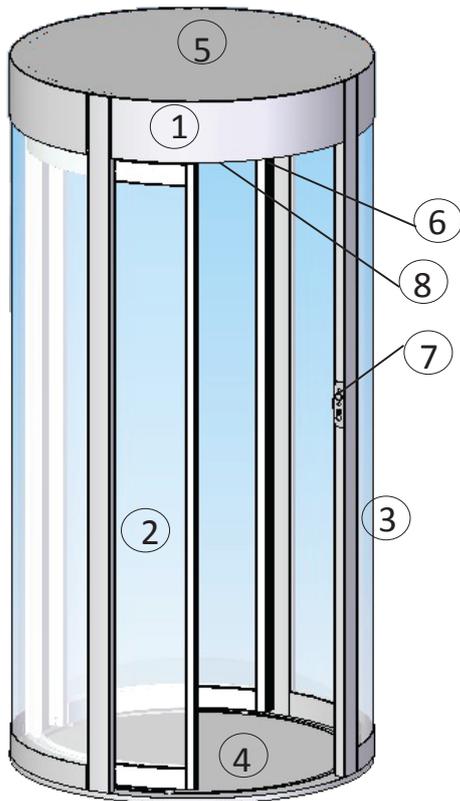
The cabins MCA-CSK can be supplied already assembled or in kit. Before shipping, need to check if there is the possibility of introducing into the site assembled or if need to provide it with Kit for site assembly

## RECOMMENDATIONS

For security reasons, it is recommended that children be accompanied and monitored closely while passing through the security door



## SECURITY DOOR MCA-CMK CIRCULAR MEDIUM KIT



### DESCRIPTION

- 1 **Top** in painted steel including the devices for doors automation and the electronics and management, power supply and batteries.
- 2 **Moveable Wing** in clear glass layered with thickness from 10 to 27 mm, depending on the sort of endurance required. Every wing is fitted with security devices to grant the user safety.
- 3 **Side panels** in painted steel and multi-layer glass with thickness from 10 to 27 mm, depending on the type and protection's requirements.
- 4 **Base** of 20 mm in thickness of high-resistance assures an excellent fixing of the entire structure to the floor.
- 5 **Logic control and e automation doors control and access mode** including:
  - ✓ Industrial PC controller ,LAN Network Protocol TCP/IP
  - ✓ Control panel
  - ✓ Battery charger power-supply 230/110-24v dc
  - Emergency Batteries (approx. 100 cycles) in case of lack of primary energy
  - ✓ Two 24 v motors managed by the PC logic control which grant the fast movement of the doors with constant and gradual slow-down at the end of the opening/closing cycle as well as a perfect and efficient torque limiter such as to ensure that any contact of people against the door in motion will not cause any accident to the user.
  - ✓ Security devices for the control of prevention of accidents
- 6 **Led Spot Lamps** which grant constant lighting of the people way area.
- 7 **Users' plates** : they are plates fitted with red green led showing the availability status for transit and of buttons for the demand of transit.
- 8 **Detection Device** of the presence of the person inside the security door.

The security doors of the **MyCheck Access** range have been designed to grant a high-security control access managing the flow of people.

They are the result of a long experience in this field, their design and the strongness as well put it in a particular way at the entry of buildings as airports, offices' establishments, laboratories, protected sites, any place where both elegance and security are required to check the flow of people. The product is made by a painted steel structure with doors and glass side panels of high-resistance, toughened and bullet-proof too.

The products of **MyCheck Access** range, thanks to careful devices in both the design and the construction, provide also a good thermal insulation whilst maintaining great visibility thanks to the wide glass sides.

The product **MCA-CMK** is fitted with two automatic motorized doors in glass with a free passage of 700 mm and an external dimension of 1150 mm.

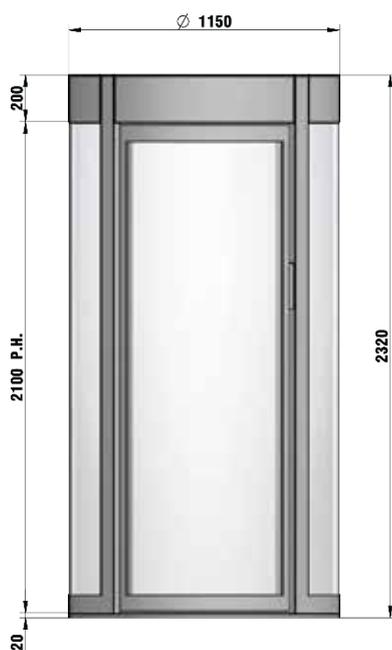
## SURFACE TREATMENT

All the mechanical parts are treated against corrosion by electro zinc, according to RoHS norms.  
The structure is standard RAL paint; finish painting embossed

## STANDARD TECHNICAL CHARACTERISTICS

Power supply	230/110 Vdc single phase, 50/60hz, 10A
Mother board of control	Industrial PC built according to international standards. Linus S.O with serial port ;2 LAN,2 CAN BAS, 1 RS485, 1RS232,2USB, 1 mini USB
Geared motor	50W, 24 Vcc
Torque limiter	Electronic
Speed	Programmable
Passages (out of action time of the access control device)	3 to 4 users / minute in one direction, entry. 6 to 7 users / minute in both directions, entry exit.
Power consumption	95 W
Weight	500 to 600 Kg depending on the type of glasses
Operating t°	from - 10° a + 45°
Max relative humidity	90% without condensation
Protection index	IP33 (with optional roof)
Shock resistance MCBF	IK09 (housing) 2 Mo mean cycles between failures, when respecting recommended maintenance
CE	Conforms to European norms

## STANDARD SIZE (MM)



## OPTIONS

- ✓ Metal detector
- ✓ Left object detector
- ✓ Single presence detector
- ✓ Sensor for automatic opening doors
- ✓ Double contact mat
- ✓ Counting people detained
- ✓ Voice messages board
- ✓ Kit for TCP/IP communication with remote console
- ✓ Heater for operation down to -20°C
- ✓ Push button for opening command
- ✓ Key lock for the Entry obstacle (outside the site)
- ✓ Key lock for the Entry obstacle (inside the site)
- ✓ Housing flat finish paint
- ✓ Housing 304L stainless steel (brusche polished)
- ✓ Emergency opening push button inside the cabin
- ✓ Waterproof IP33 roof (half or complete)
- ✓ Intercom with operator (placed outside or inside the cabin)
- ✓ Passage height increased to 2300 mm
- ✓ Adaptation or UL power supply 230/110 V ac
- ✓ 20/21 mm BR2/S P6B glass for obstacles
- ✓ 26/27 mm BR3/S P6B glass for obstacles
- ✓ Milky glass finish
- ✓ Electronics in separate cabinet
- ✓ Product supplied dismantled to be assembled on site

## BEFORE INSTALLATION

- ✓ Prepare the power supply 230V AC, 50/60 Hz 10A near the point where they pose the cabin, in the upper part.
- ✓ Prepare The pipes from the highest point of the cabin to the point where is the console provided (only if included in the delivery)
- ✓ Prepare the tiled floor or smooth concrete finish (6 mm maximum height difference of 4.00 m)
- ✓ Check the tightness (flow m2) of floor which is installed the security door

## MODE INTRODUCTION AND INSTALLATION

The cabins MCA-CMK can be supplied already assembled or in kit. Before shipping, need to check if there is the possibility of introducing into the site assembled or if need to provide it with Kit for site assembly

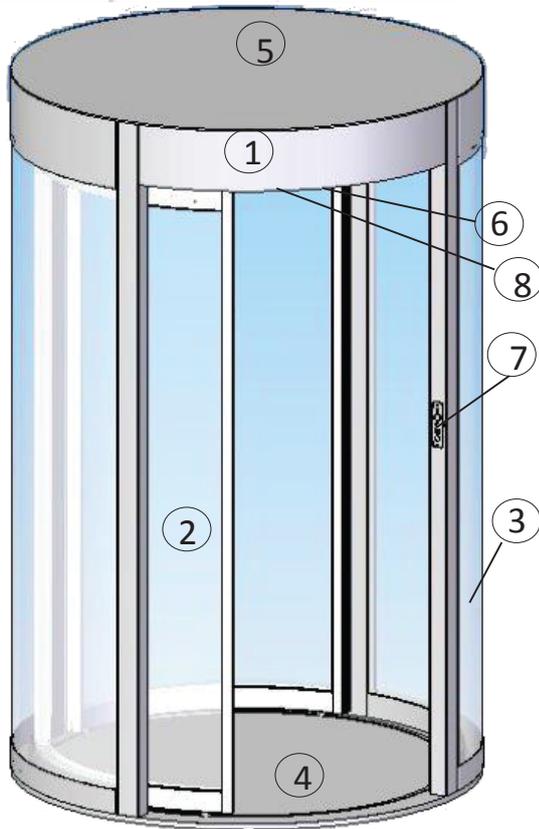
## RECOMMENDATIONS

For security reasons, it is recommended that children be accompanied and monitored closely while passing through the security door



## SECURITY DOOR

# MCA-CLK CIRCULAR LARGE KIT



## DESCRIPTION

The product **MCA-CLK** is fitted with two automatic motorized doors in glass with a passage of 900 mm and an external dimension of 1500 mm.

**1 Top** in painted steel including the devices for doors automation and the electronics and management, power supply and batteries.

**2 Moveable Wing** in clear glass layered with thickness from 10 to 27 mm, depending on the sort of endurance required. Every wing is fitted with security devices to grant the user safety.

**3 Side panels** in painted steel and multi-layer glass with thickness from 10 to 27 mm, depending on the type and protection's requirements.

**4 Base** of 20 mm in thickness of high-resistance assures an excellent fixing of the entire structure to the floor.

**5 Logic control and automation doors control and access mode** including:

- ✓ Industrial PC controller ,LAN Network Protocol TCP/IP
- ✓ Control panel
- ✓ Battery charger power-supply 230/110-24v dc
- Emergency Batteries (approx. 100 cycles) in case of lack of primary energy
- ✓ Two 24 v motors managed by the PC logic control ensuring the fast movement of the wings with constant and gradual slow-down at the end of the opening/closing cycle as well as a perfect and efficient torque limiter such as to ensure that any contact of people against the door in motion will not cause any accident to the users.
- ✓ Security devices for the control of prevention of accidents

**6 Led Spot Lamps** which grant constant lighting of the of the people way area.

**7 Users' plates** : they are plates fitted with red green led showing the availability status for transit and of buttons for the demand of transit.

**8 Detection Device** of the presence of the person inside the security door.

The security doors of the **MyCheck Access** range have been designed to grant a high-security control access managing the flow of people.

They are the result of a long experience in this field, their design and the strongness as well put it in a particular way at the entry of buildings such as airports, offices' establishments, laboratories, protected sites, any place where both elegance and security are required to check the flow of people.

The product is made by a painted steel structure with doors and glass side panels of high-resistance, toughened and bullet-proof too.

The products of **MyCheck Access** range , thanks to careful devices in both the design and the construction, provide also a good thermal insulation whilst maintaining great visibility thanks to the wide glass sides.

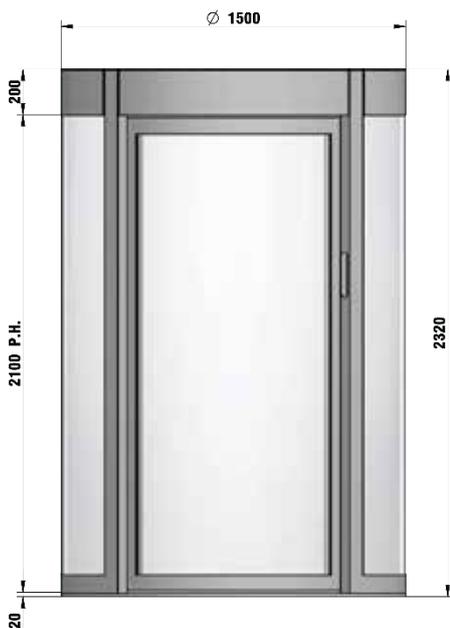
## SURFACE TREATMENT

All the mechanical parts are treated against corrosion by electro zinc, according to RoHS norms.  
The structure is standard RAL paint; finish painting embossed

## STANDARD TECHNICAL CHARACTERISTICS

Power supply	230/110 Vdc single phase,50/60hz,10A
Mother board of control	Industrial PC built according to international standards. Linus S.O with serial port ;2 LAN,2 CAN BAS, 1 RS485, 1RS23,2USB 1 mini USB
Geared motor	50W, 24 Vcc
Torque limiter	Electronic
Speed	Programmable
Passages (out of action time of the access control device)	3 to 4 users / minute in one direction, entry. 6 to 7 users / minute in both directions, entry exit
Power consumption	150 W
Weight	700 to 800 Kg depending on the type of glasses
Operating t°	from - 10° a + 45°
Max relative humidity	90% without condensation
Protection index	IP33 (with optional roof)
Shock resistance MCBF	IK09 (housing) 2 Mo mean cycles between failures,when respecting recommended maintenance
CE	Conforms to European norms

## STANDARD SIZE (MM)



## OPTIONS

- ✓ Metal detector
- ✓ Left object detector
- ✓ Single presence detector
- ✓ Sensor for automatic opening doors
- ✓ Double contact mat
- ✓ Counting people detained
- ✓ Voice messages board
- ✓ Kit for TCP/IP communication with remote console
- ✓ Heater for operation down to -20°C
- ✓ Push button for opening command
- ✓ Key lock for the Entry obstacle (outside the site)
- ✓ Key lock for the Entry obstacle (inside the site)
- ✓ Housing flat finish paint
- ✓ Housing 304L stainless steel (brusche polished)
- ✓ Emergency opening push button inside the cabin
- ✓ Waterproof IP33 roof (half or complete)
- ✓ Intercom with operator (placed outside or inside the cabin)
- ✓ Passage height increased to 2300 mm
- ✓ Adaptation or UL power supply 230/110 V ac
- ✓ 20/21 mm BR2/S P6B glass for obstacles
- ✓ 26/27 mm BR3/S P6B glass for obstacles
- ✓ Milky glass finish
- ✓ Electronics in separate cabinet
- ✓ Product supplied dismantled to be assembled on site

## BEFORE INSTALLATION

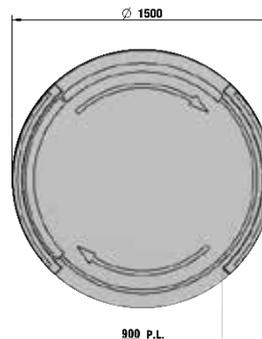
- ✓ prepare the power supply 230V AC, 50/60 Hz 10A near the point where they pose the cabin, in the upper part.
- ✓ Prepare The pipes from the highest point of the cabin to the point where is the console provided (only if included in the delivery)
- ✓ Prepare the tiled floor or smooth concrete finish (6 mm maximum height difference of 4.00 m)
- ✓ Check the tightness (flow m2) of floor which is installed the security door

## MODE INTRODUCTION AND INSTALLATION

The cabins MCA-CLK can be supplied already assembled or in kit. Before shipping, need to check if there is the possibility of introducing into the site assembled or if need to provide it with Kit for site assembly.

## RECOMMENDATIONS

For security reasons, it is recommended that children be accompanied and monitored closely while passing through the security door



## SECURITY DOOR

# MCA-CLK-2D CIRCLELARGE KIT 2 DOORS



## DESCRIPTION

**1 Top** in painted steel including the devices for doors automation and the electronics and management, power supply and batteries.

**2 Double moveable Wing** in clear glass layered with thickness from 10 to 27 mm, depending on the sort of endurance required. Every wing is fitted with security devices to grant the user safety.

**3 Side panels** in painted steel and multi-layer glass with thickness from 10 to 27 mm, depending on the type and protection's requirements.

**4 Base** of 20 mm in thickness of high-resistance assures an excellent fixing of the entire structure to the floor.

**5 Logic control and e automation doors control and access mode** including:

- ✓ Industrial PC controller ,LAN Network Protocol TCP/IP
- ✓ Control panel
- ✓ Battery charger power-supply 230/110-24v dc  
Emergency Batteries (approx. 100 cycles) in case of lack of primary energy
- ✓ Two 24 v motors managed by the PC logic control which grant the fast movement of the doors with constant and gradual slow-down at the end of the opening/closing cycle as well as a perfect and efficient torque limiter such as to ensure that any contact of people against the door in motion will not cause any accident to the user.
- ✓ Security devices for the control of prevention of accidents

**6 Led Spot Lamps** which grant constant lighting of the people way area.

**7 Users' plates :** they are plates fitted with red green led showing the availability status for transit and of buttons for the demand of transit.

**8 Detection Device** of the presence of the person inside the security door.

The security doors of the **MyCheck Access** range have been designed to grant a high-security control access managing the flow of people. They are the result of a long experience in this field, their design and the strongness as well put it in a particular way at the entry of buildings such as airports, offices' establishments, laboratories, protected sites, any place where both elegance and security are required to check the flow of people.

The product is made by a painted steel structure with doors and glass side panels of high-resistance, toughened and bullet-proof too.

The products of **MyCheck Access** range , thanks to careful devices in both the design and the construction, provide also a good thermal insulation whilst maintaining great visibility thanks to the wide glass sides. The product **MCA-CLK-2D** is fitted with two automatic motorized doors in glass with a passage of 900 mm and an external dimension of 1500 mm. Thanks to the double door opposite, the time of opening and closing is halved thereby increasing the number of passages / minute.

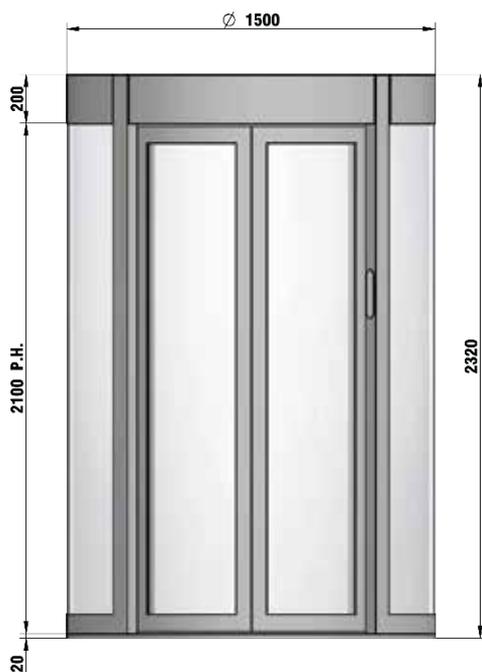
## SURFACE TREATMENT

All the mechanical parts are treated against corrosion by electro zinc, according to RoHS norms.  
The structure is standard RAL paint; finish painting embossed

## STANDARD TECHNICAL CHARACTERISTICS

Power supply	230/110 Vdc single phase, 50/60hz, 10A
Mother board of control	Industrial PC built according to international standards. Linus S.O with serial port ;2 LAN, 2 CAN BAS, 1 RS485, 1RS23, 2USB 1 mini USB
Geared motor	50W, 24 Vcc
Torque limiter	Electronic
Speed	Programmable
Passages (out of action time of the access control device)	5 to 7 users / minute in one direction, entry. 9 to 10 users / minute in both directions, entry exit.
Power consumption	150 W
Weight	700 to 800 Kg depending on the type of glasses
Operating t°	from - 10° a + 45°
Max relative humidity	90% without condensation
Protection index	IP33 (with optional roof)
Shock resistance MCBF	IK09 (housing) 2 Mo mean cycles between failures, when respecting recommended maintenance
CE	Conforms to European norms

## STANDARD SIZE (MM)



## OPTIONS

- ✓ Metal detector
- ✓ Left object detector
- ✓ Single presence detector
- ✓ Sensor for automatic opening doors
- ✓ Double contact mat
- ✓ Counting people detained
- ✓ Voice messages board
- ✓ Kit for TCP/IP communication with remote console
- ✓ Heater for operation down to -20°C
- ✓ Push button for opening command
- ✓ Key lock for the Entry obstacle (outside the site)
- ✓ Key lock for the Entry obstacle (inside the site)
- ✓ Housing flat finish paint
- ✓ Housing 304L stainless steel (brusche polished)
- ✓ Emergency opening push button inside the cabin
- ✓ Waterproof IP33 roof (half or complete)
- ✓ Intercom with operator (placed outside or inside the cabin)
- ✓ Passage height increased to 2300 mm
- ✓ Adaptation or UL power supply 230/110 V ac
- ✓ 20/21 mm BR2/S P6B glass for obstacles
- ✓ 26/27 mm BR3/S P6B glass for obstacles
- ✓ Milky glass finish
- ✓ Electronics in separate cabinet
- ✓ Product supplied dismantled to be assembled on site

## BEFORE INSTALLATION

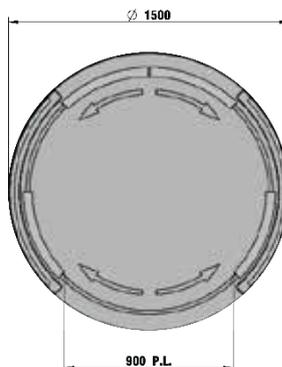
- ✓ prepare the power supply 230V AC, 50/60 Hz 10A near the point where they pose the cabin, in the upper part.
- ✓ Prepare The pipes from the highest point of the cabin to the point where is the console provided (only if included in the delivery)
- ✓ Prepare the tiled floor or smooth concrete finish (6 mm maximum height difference of 4.00 m)
- ✓ Check the tightness (flow m2) of floor which is installed the security door

## MODE INTRODUCTION AND INSTALLATION

The cabins MCA-CLK-2D can be supplied already assembled or in kit. Before shipping, need to check if there is the possibility of introducing into the site assembled or if need to provide it with Kit for site assembly

## RECOMMENDATIONS

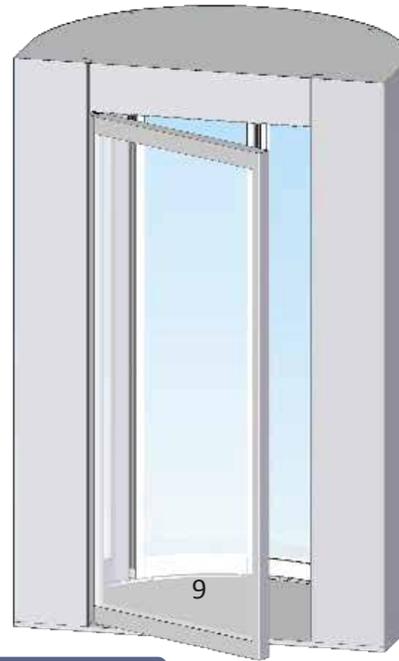
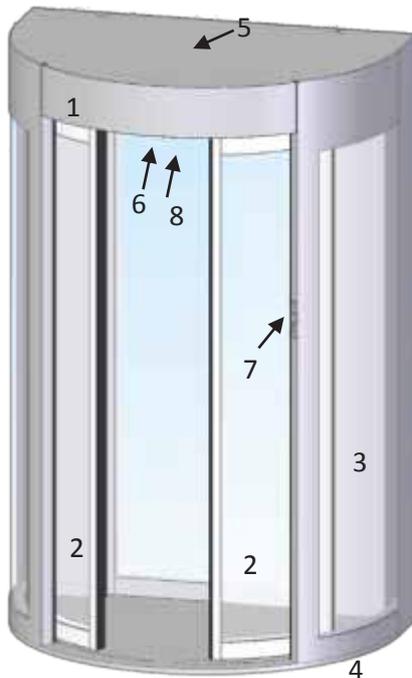
For security reasons, it is recommended that children be accompanied and monitored closely while passing through the security door



## SECURITY DOORS

# MCA-HCLK-2D HALF

CIRCULAR LARGE KIT 2 DOORS



## DESCRIPTION

**1 Top** in painted steel including the devices for doors automation and the electronics and management, power supply and batteries.

**2 Double moveable Wings** in clear glass layered with thickness from 11(std) to 27(option) mm, depending on the sort of endurance required. Every wing is fitted with security devices to grant the user safety.

**3 Side panels** in painted steel and multi-layer glass with thickness from 11(std) to 27(option) mm, depending on the type and protection's requirements.

**4 Base** of 20 mm in thickness of high-resistance assures an excellent fixing of the entire structure to the floor.

**5 Logic control and automation doors control and access mode** including:

- ✓ Industrial PC controller, LAN Network Protocol TCP/IP
- ✓ Control panel
- ✓ Battery charger power-supply 230/110-24v dc
- ✓ Emergency Batteries (approx. 100 cycles) in case of lack of primary energy
- ✓ Two 24 v motors managed by the PC logic control ensuring the fast movement of the wings with constant and gradual slow-down at the end of the opening/closing cycle as well as a perfect and efficient torque limiter such as to ensure that any contact of people against the door in motion will not cause any accident to the users.
- ✓ Security devices for the control of prevention of accidents

**6 Led Spot Lamps** which grant constant lighting of the of the people way area.

**7 Users' plates;** they are plates fitted with red green led showing the availability status for transit and of buttons for the request for transit.

**8 Detection Device** of the presence of the person inside the security door.

**9 Manual door** fitted with electro-lock (optional)

The security doors of the **MyCheck Access** range have been designed to grant a high-security control access managing the flow of people.

They are the result of a long experience in this field, their design and the strongness as well put it in a particular way at the entry of buildings such as airports, offices' establishments, laboratories, protected sites, any place where both elegance and security are required to check the flow of people.

The product is made by a painted steel structure with doors and glass side panels of high-resistance, toughened and bullet-proof too.

The products of **MyCheck Access** range, thanks to careful devices in both the design and the construction, provide also a good thermal insulation whilst maintaining great visibility thanks to the wide glass sides.

The product **MCA-HCLK-2D** is particularly suitable to realize inter-lock systems where manual doors are already implemented.

Actually the products is fitted with two automatic motorized doors in glass with a passage of 900 mm on the one hand and of provision of the support to the existing doors so to create an inter-locked filter of small dimensions on the other side.

Thanks to the double door opposed, the time of opening/closing gets halved raising the number of passages/per minute.

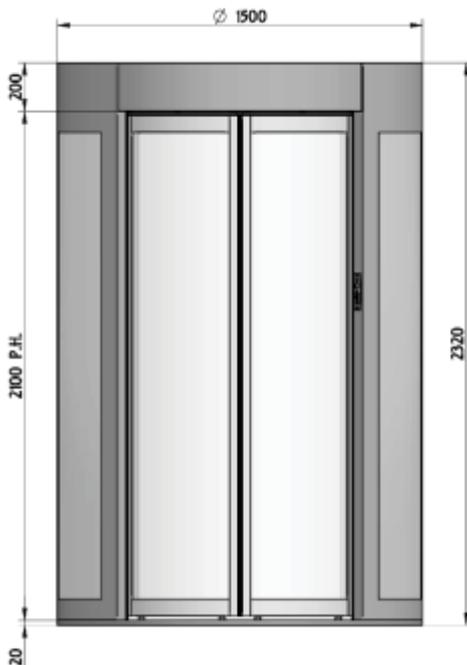
## SURFACE TREATMENT

All the mechanical parts are treated against corrosion by electro zinc, according to RoHS norms.  
The structure is standard RAL paint; finish painting embossed

## STANDARD TECHNICAL CHARACTERISTICS

Power supply	230/110 Vdc single phase, 50/60hz, 10A
Mother board of control	Industrial PC built according to international standards. Linus S.O with serial port ;2 LAN,2 CAN BAS, 1 RS485, 1RS23,2USB 1 mini USB
Geared motor	50W, 24 Vcc
Torque limiter	Electronic
Speed	Programmable
Passages (out of action time of the access control device)	4 to 6 passages / p. minute in one direction, entry. 7 to 9 passages / p. minute in both directions, entry/exit
Power consumption	150 W
Weight	600 to 650 Kg depending on the type of glasses
Operating t°	from - 10° a + 45°
Max relative humidity	90% without condensation
Protection index	IP33 (with additional cover)
Shock resistance	IK09 (housing)
MCBF	2 Millions of cycles w/o failures if recommended maintenance is respected
CE	Conforms to European norms

## STANDARD SIZE (MM)



## OPTIONS

- ✓ Single presence detector
- ✓ Sensor for automatic opening of doors
- ✓ Double contact mat for detection of person in transit
- ✓ Counting of passages
- ✓ SW to connect via TCP/IP the cabin to the remote controllers
- ✓ Heating system of the canopy including electric and mechanical parts for working up to -20° temperature
- ✓ Push-button for opening of doors during the cycle
- ✓ Key lock for the block of outer wing
- ✓ Key lock for the block of inner wing
- ✓ Colour of ext. structure in RAL or smooth finishing
- ✓ Structure with 304L stainless steel finishing brushed or polished
- ✓ Emergency push-button under-glass inside the cabin for unlocking of external wing
- ✓ Cover of cabin IP33
- ✓ Intercom w/operator outside the cabin and/or inside
- ✓ Passage height increased to 2300 mm
- ✓ Adaptor for Certified UL Power-Supply
- ✓ Glasses for wings 20/21mm in thickness BR2/S P6B
- ✓ Glasses for wings 26/27mm in thickness BR3/S P6B
- ✓ Milky glass finish
- ✓ Electronics in separate cabinet
- ✓ Product supplied dismantled to be assembled on site

## BEFORE INSTALLATION

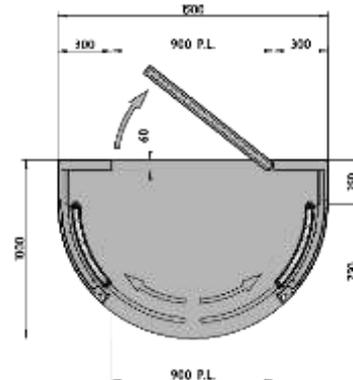
- ✓ prepare the power supply 230V AC, 50/60 Hz 10A close to the point where they pose the cabin, in the upper part.
- ✓ Prepare the pipes from the highest point of the cabin to the point where is the console provided (only if included in the delivery)
- ✓ Prepare the tiled floor or smooth concrete finish (6 mm max. height difference of 4.00 m)
- ✓ Check the tightness (flow m2) of floor which is installed on the security door

## MODE INTRODUCTION AND INSTALLATION

The cabins MCA-HCLK-2D can be supplied already assembled or in kit. Before shipping, check if there is the possibility of introducing into the site assembled or if it is necessary to provide it in Kit for assembly on site

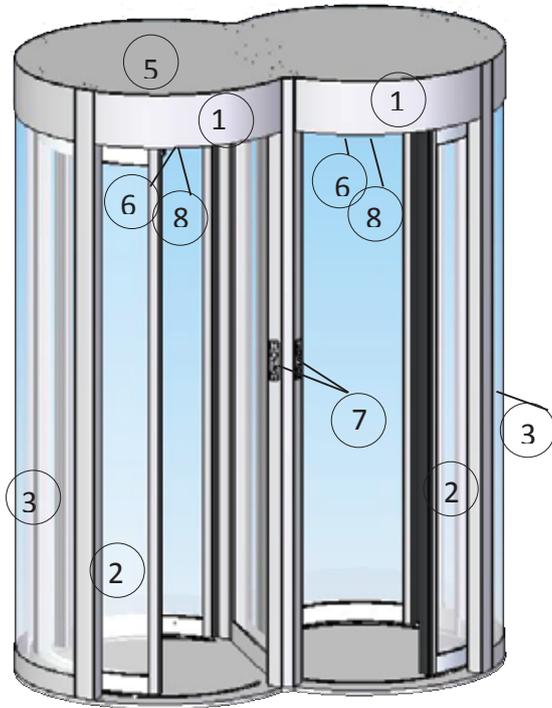
## RECOMMENDATIONS

For security reasons, it is recommended that children be accompanied and monitored closely while passing through the security door



## SECURITY DOOR

# MCA-CTK CIRCLETWIN KIT



The security doors of the **MyCheck Access** range have been designed to grant a high-security control access managing the flow of people.

design and the strongness as well put it in a particular way at the entry of buildings as airports, establishments for offices, laboratories, protected sites, any place where elegance and security are required to check the flow of people.

The product is made by a painted steel structure with doors and glass side panels of high-resistance, toughened and bullet-proof too.

The products of **MyCheck Access** range, thanks to careful design in both the design and the construction, provide also a good thermal insulation whilst maintaining great visibility thanks to the wide glass sides.

The product **MCA-CTK** is the proper solution for sites which need 2 passages in a narrow space to control the access. Actually the solution is elegant and compact and, in a narrow space, can have 2 segments for the control access of people. **MCA-CTK** is fitted with 4 motorized doors with a free passage of 600 mm and an external dimension of 1800 mm x 1050 mm x 2320 mm

Available transit flow only at 180°.

## DESCRIPTION

**1 Top** in painted steel including the devices for doors automation and the electronics and management, power supply and batteries for the 2 paths.

**2 Moveable Wing** in clear glass layered with thickness from 10 to 27 mm, depending on the sort of endurance required. Every wing is fitted with security devices to grant the security of people in transit.

**3 Side panels** in painted steel and multi-layer glass with thickness from 10 to 27 mm, depending on the type and protection's requirements.

**4 Base** of 20 mm in thickness of high-resistance assures an excellent fixing of the entire structure to the floor.

**5 Logic control and e automation doors control and access mode** including:

- ✓ Industrial PC controller ,LAN Network Protocol TCP/IP
- ✓ Control panel
- ✓ Battery charger power-supply 230/110-24v dc  
Emergency Batteries (approx. 100 cycles) in case of lack of primary energy
- ✓ Two 24 v motors managed by the PC logic control which grant the fast movement of the doors with constant and gradual slow-down at the end of the opening/closing cycle as well as a perfect and efficient torque limiter such as to ensure that any contact of people against the door in motion will not cause any accident to the user.
- ✓ Security devices for the control of prevention of accidents

**6 Led Spot Lamps** which grant constant lighting of the of the people way area.

**7 Users' plates** : they are plates fitted with red green led showing the availability status for transit and of buttons for the demand of transit.

**8 Detection Device** of the presence of the person inside each path.

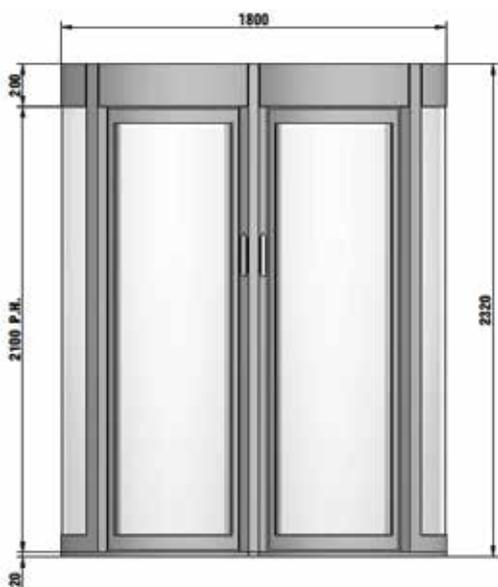
## SURFACE TREATMENT

All the mechanical parts are treated against corrosion by electro zinc, according to RoHS norms.  
The structure is standard RAL paint; finish painting embossed

## STANDARD TECHNICAL CHARACTERISTICS

Power supply	230/110 Vdc single phase, 50/60hz,10A
Mother board of control	Industrial PLC with LAN port. This product can be found throughout the world, built according to international standards
Geared motor	50W, 24 Vcc
Torque limiter	Electronic
Speed	Programmable
Passages (out of action time of the access control device)	3 to 4 users / minute in one direction, entry, for single cabin . 6 to 7 users / minute in both directions, entry exit, for single cabin
Power consumption	175 W
Weight	1200 to 1400 Kg depending on the type of glasses
Operating t°	from - 10° a + 45°
Max relative humidity	90% without condensation
Protection index	IP33 (with optional roof)
Shock resistance MCBF	IK09 (housing) 2 Mo mean cycles between failures,when respecting recommended maintenance
CE	Conforms to European norms

## STANDARD SIZE (MM)



## OPTIONS

- ✓ Metal detector
- ✓ Left object detector
- ✓ Single presence detector
- ✓ Sensor for automatic opening doors
- ✓ Double contact mat
- ✓ Counting people detained
- ✓ Voice messages board
- ✓ Kit for TCP/IP communication with remote console
- ✓ Heater for operation down to -20°C
- ✓ Push button for opening command
- ✓ Key lock for the Entry obstacle (outside the site)
- ✓ Key lock for the Entry obstacle (inside the site)
- ✓ Housing flat finish paint
- ✓ Housing 304L stainless steel (brusche polished)
- ✓ Emergency opening push button inside the cabin
- ✓ Waterproof IP33 roof (half or complete)
- ✓ Intercom with operator (placed outside or inside the cabin)
- ✓ Passage height increased to 2300 mm
- ✓ Adaptation or UL power supply 230/110 V ac
- ✓ 20/21 mm BR2/S P6B glass for obstacles
- ✓ 27/27 mm BR3/S P6B glass for obstacles
- ✓ Milky glass finish
- ✓ Electronics in separate cabinet
- ✓ Product supplied dismantled to be assembled on site

## BEFORE INSTALLATION

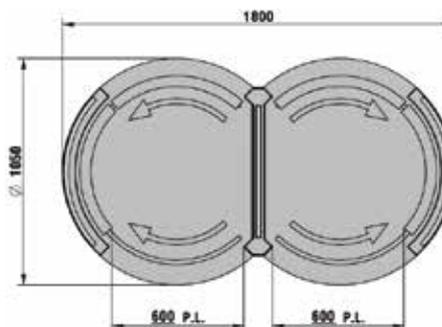
- ✓ prepare the power supply 230V AC, 50/60 Hz 10A near the point where they pose the cabin, in the upper part.
- ✓ Prepare The pipes from the highest point of the cabin to the point where is the console provided (only if included in the delivery)
- ✓ Prepare the tiled floor or smooth concrete finish (6 mm maximum height difference of 4.00 m)
- ✓ Check the tightness (flow m2) of floor which is installed the security door

## MODE INTRODUCTION AND INSTALLATION

The cabins MCA-CTK can be supplied only disassembled, to be assembled on site.

## RECOMMENDATIONS

For security reasons, it is recommended that children be accompanied and monitored closely while passing through the security door



## SECURITY DOOR

# MCA-QSK SQUARE SMALL KIT



The security doors of the **MyCheck Access** range have been designed to grant a high-security control access managing the flow of people.

They are the result of a long experience in this field, their design and the strongness as well put them, in a particular way at the entry of buildings as airports, offices' establishments, laboratories, protected sites, any place where both elegance and security are needed to check the flow of people.

The product is made by a painted steel structure with doors and glass side panels of high-resistance, toughened and bullet-proof too.

The products of **MyCheck Access** range, thanks to careful devices in both the design and the construction, provide also a good thermal insulation whilst maintaining great visibility thanks to the wide glass sides.

The product **MCA-QSK** is fitted with two automatic motorized doors in glass having a free passage of 600 and an external dimension of 1050 x 1050 x mm.

The door can be produced with passage at 180° or 90° left and 90° right.

## DESCRIPTION

- 1 Top** in painted steel including the devices for doors automation and the electronics and management, power supply and batteries.
- 2 Moveable Wing** in clear glass layered with thickness from 10 to 27 mm, depending on the sort of endurance required. Every wing is fitted with security devices to grant the user safety.
- 3 Side panels** in painted steel and multi-layer glass with thickness from 10 to 27 mm, depending on the type and protection's requirements .
- 4 Base** of 20 mm in thickness of high-resistance assures an excellent fixing of the entire structure to the floor.
- 5 Logic control and e automation doors control and access mode** including:
  - √ Industrial PC controller, LAN Network Protocol TCP/IP
  - √ Control panel
  - √ Battery charger power-supply 230/110-24v dc
  - Emergency Batteries (approx. 100 cycles) in case of lack of primary energy
  - √ Two 24 V motors managed by the PC logic control which grant the fast movement of the wings with constant and gradual slow-down at the end of the opening/closing cycle as well as a perfect and efficient torque limiter such as to ensure that any contact of people against the door in motion will not cause any accident to the user.
  - √ Security devices for the control of prevention of accidents
- 6 Led Spot Lamps** which grant constant lighting in the passage area of people.
- 7 Users' plates:** they are plates fitted with red green led showing the availability status for transit and of buttons for the demand of transit.
- 8 Detection Device** of the presence of the person inside the security door.

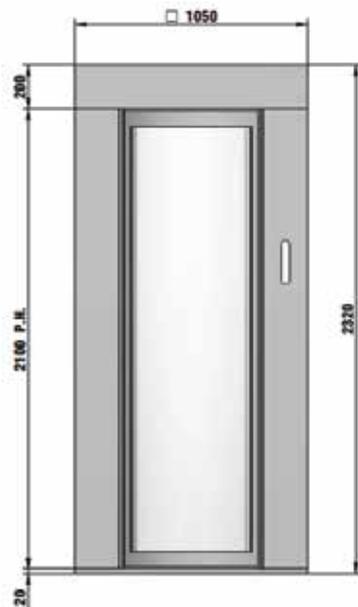
## SURFACE TREATMENT

All the mechanical parts are treated against corrosion by electro zinc , according to RoHS norms.  
The structure is standard RAL paint; finish painting embossed

## STANDARD TECHNICAL CHARACTERISTICS

Power supply	230/110 Vdc single phase, 50/60hz, 10A
Mother board of control	Industrial PC built according to international standards. Linus S.O with serial port ;2 LAN,2 CAN BAS, 1 RS485, 1RS23,2USB, 1 mini USB
Geared motor	50W, 24 Vcc
Torque limiter	Electronic
Speed	Programmable
Passages (out of action time of the access control device)	3 to 4 users / minute in one direction, entry. 6 to 7 users / minute in both directions, entry exit.
Power consumption	95 W
Weight	450 to 550 Kg depending on the type of glasses
Operating t°	from - 10° a + 45°
Max relative humidity	90% without condensation
Protection index	IP33 (with optional roof)
Shock resistance	IK09 (housing)
MCBF	2 Mo mean cycles between failures,when respecting recommended maintenance
CE	Conforms to European norms

## STANDARD SIZE (MM)



## OPTIONS

- ✓ Metal detector
- ✓ Left object detector
- ✓ Single presence detector
- ✓ Sensor for automatic opening doors
- ✓ Double contact mat
- ✓ Counting people detained
- ✓ Voice messages board
- ✓ Kit for TCP/IP communication with remote console
- ✓ Heater for operation down to -20°C
- ✓ Push button for opening command
- ✓ Key lock for the Entry obstacle (outside the site)
- ✓ Key lock for the Entry obstacle (inside the site)
- ✓ Housing flat finish paint
- ✓ Housing 304L stainless steel (brusche polished)
- ✓ Emergency opening push button inside the cabin
- ✓ Waterproof IP33 roof (half or complete)
- ✓ Intercom with operator (placed outside or inside the cabin)
- ✓ Passage height increased to 2300 mm
- ✓ Adaptation or UL power supply 230/110 V ac
- ✓ 20/21 mm BR2/S P6B glass
- ✓ 26/27 mm BR3/S P6B glass
- ✓ Milky glass finish
- ✓ Electronics in separate cabinet
- ✓ Product supplied dismantled to be assembled on site

## BEFORE INSTALLATION

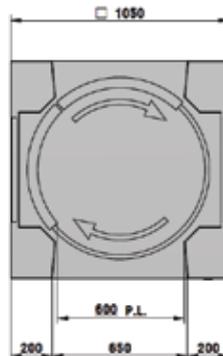
- ✓ Prepare the power supply 230V AC, 50/60 Hz 10A near the point where they pose the cabin, in the upper part.
- ✓ Prepare the pipes from the highest point of the cabin to the point where is the console provided (only if included in the delivery)
- ✓ Prepare the tiled floor or smooth concrete finish (6 mm maximum height difference of 4.00 m)
- ✓ Check the tightness (flow m2) of floor which is installed the security door

## MODE INTRODUCTION AND INSTALLATION

The cabins MCA-QSK can be supplied already assembled or in kit. Before shipping, need to check if there is the possibility of introducing into the site assembled or if need to provide it with Kit for site assembly

## RECOMMENDATIONS

For security reasons, it is recommended that children be accompanied and monitored closely while passing through the security door



## SECURITY DOOR

# MCA-QMK SQUARE MEDIUM KIT



The security doors of the **MyCheck Access** range have been designed to grant a high-security control access managing the flow of people.

They are the result of a long experience in this field, their design and the strongness as well put it in a particular way at the entry of buildings as airports, offices' establishments, laboratories, protected sites, any place where both elegance and security are required to check the flow of people.

The product is made by a painted steel structure with doors and glass side panels of high-resistance, toughened and bullet-proof too.

The products of **MyCheck Access** range, thanks to careful devices in both the design and the construction, provide also a good thermal insulation whilst maintaining great visibility thanks to the wide glass sides

The product **MCA-QMK** is fitted with two automatic motorized doors in glass with a free passage of 700 mm and an external dimension of 1150 x 1150 mm.

The door can be produced with an opening at 180° or 90° left and 90° right.

## DESCRIPTION

**1 Top** in painted steel including the devices for doors automation and the electronics and management, power supply and batteries.

**2 Moveable Wing** in clear glass layered with thickness from 10 to 27 mm, depending on the sort of endurance required. Every wing is fitted with security devices to grant the security of people in transit.

**3 Side panels** in painted steel and multi-layer glass with thickness from 10 to 27 mm, depending on the type and protection's requirements .

**4 Base** of 20 mm in thickness of high-resistance assures an excellent fixing of the entire structure to the floor.

**5 Logic control and e automation doors control and access mode** including:

- ✓ Industrial PC controller, LAN Network Protocol TCP/IP
- ✓ Control panel
- ✓ Battery charger power-supply 230/110-24v dc
- Emergency Batteries (approx. 100 cycles) in case of lack of primary energy
- ✓ Two 24 Vdc motors managed by the PC logic control which grant the fast movement of the doors with constant and gradual slow-down at the end of the opening/closing cycle as well as a perfect and efficient torque limiter such as to ensure that any contact of people against the door in motion will not cause any accident to the user.
- ✓ Security devices for the control of prevention of accidents

**6 Led Spot Lamps** which grant constant lighting of the people way area.

**7 Users' plates:** they are plates fitted with red green led showing the availability status for transit and of buttons for the demand of transit.

**8 Detection Device** of the presence of the person inside the security door.

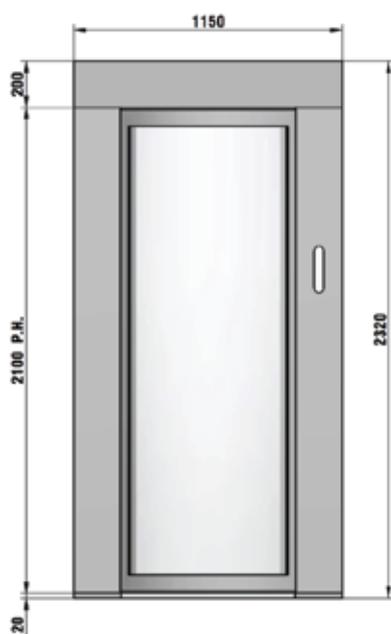
## SURFACE TREATMENT

All the mechanical parts are treated against corrosion by electro zinc , according to RoHS norms.  
The structure is standard RAL paint; finish painting embossed

## STANDARD TECHNICAL CHARACTERISTICS

Power supply	230/110 Vdc single phase, 50/60hz,10A
Mother board of control	Industrial PC built according to international standards. Linus S.O with serial port ;2 LAN,2 CAN BAS, 1 RS485, 1RS23,2USB, 1 mini USB
Geared motor	50W, 24 Vcc
Torque limiter	Electronic
Speed	Programmable
Passages (out of action time of the access control device)	3 to 4 users / minute in one direction, entry. 6 to 7 users / minute in both directions, entry exit.
Power consumption	150 W
Weight	500 to 600 Kg depending on the type of glasses
Operating t°	from - 10° a + 45°
Max relative humidity	90% without condensation
Protection index	IP33 (with optional roof)
Shock resistance MCBF	IK09 (housing) 2 Mo mean cycles between failures,when respecting recommended maintenance
CE	Conforms to European norms

## STANDARD SIZE (MM)



## OPTIONS

- ✓ Metal detector
- ✓ Left object detector
- ✓ Single presence detector
- ✓ Sensor for automatic opening doors
- ✓ Double contact mat
- ✓ Counting people detained
- ✓ Voice messages board
- ✓ Kit for TCP/IP communication with remote console
- ✓ Heater for operation down to -20°C
- ✓ Push button for opening command
- ✓ Key lock for the Entry obstacle (outside the site)
- ✓ Key lock for the Entry obstacle (inside the site)
- ✓ Housing flat finish paint
- ✓ Housing 304L stainless steel (brusche polished)
- ✓ Emergency opening push button inside the cabin
- ✓ Waterproof IP33 roof (half or complete)
- ✓ Intercom with operator (placed outside or inside the cabin)
- ✓ Passage height increased to 2300 mm
- ✓ Adaptation or UL power supply 230/110 V ac
- ✓ 20/21 mm BR2/S P6B glass
- ✓ 26/27 mm BR3/S P6B glass
- ✓ Milky glass finish
- ✓ Electronics in separate cabinet
- ✓ Product supplied dismantled to be assembled on site

## BEFORE INSTALLATION

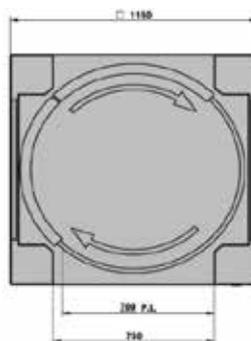
- ✓ Prepare the power supply 230V AC, 50/60 Hz 10A near the point where they pose the cabin, in the upper part.
- ✓ Prepare the pipes from the highest point of the cabin to the point where is the console provided (only if included in the delivery)
- ✓ Prepare the tiled floor or smooth concrete finish (6 mm maximum height difference of 4.00 m)
- ✓ Check the tightness (flow m2) of floor which is installed the security door

## MODE INTRODUCTION AND INSTALLATION

The cabins MCA-QMK can be supplied already assembled or in kit. Before shipping, need to check if there is the possibility of introducing into the site assembled or if need to provide it with Kit for site assembly

## RECOMMENDATIONS

For security reasons, it is recommended that children be accompanied and monitored closely while passing through the security door



# Personal Interlock

SECURITY DOOR

MCA-QLK SQUARE LARGE KIT



## DESCRIPTION

- 1 Top** in painted steel including the devices for doors automation and the electronics and management, power supply and batteries.
- 2 Moveable Wing** in clear glass layered with thickness from 10 to 27 mm, depending on the sort of endurance required. Every wing is fitted with security devices to grant the security of people in transit.
- 3 Side panels** in painted steel and multi-layer glass with thickness from 10 to 27 mm, depending on the type and protection's requirements .
- 4 Base** of 20 mm in thickness of high-resistance assures an excellent fixing of the entire structure to the floor.
- 5 Logic control and e automation doors control and access mode** including:
  - ✓ Industrial PC controller, LAN Network Protocol TCP/IP
  - ✓ Control panel
  - ✓ Battery charger power-supply 230/110-24v dc
  - Emergency Batteries (approx. 100 cycles) in case of lack of primary energy
  - ✓ Two 24 v motors s managed by the PC logic control which grant the fast movement of the doors with constant and gradual slow-down at the end of the opening/closing cycle as well as a perfect and efficient torque limiter as to ensure that any contact of people against the door in motion will not cause any accident to the people themselves.
  - ✓ Security devices for the control of prevention of accidents
- 6 Led Spot Lamps** which grant constant lighting of the people way area.
- 7 Users' plates:** they are plates fitted with red green led showing the availability status for transit and of buttons for the demand of transit.
- 8 Detection Device** of the presence of the person inside the security door.

The security doors of the **MyCheck Access** range have been designed to grant a high-security control access managing the flow of people.

They are the result of a long experience in this field, their design and the strongness as well put it in a particular way at the entry of buildings as airports, establishments for offices, laboratories, protected sites, any place where both elegance and security are required to check the flow of people.

The product is made by a painted steel structure with doors and glass side panels of high-resistance, toughened and bullet-proof too.

The products of **MyCheck Access** range, thanks to careful devices in both the design and the construction, provide also a good thermal insulation whilst maintaining great visibility thanks to the wide glass sides.

The product **MCA-QLK** is fitted with two automatic motorized doors in glass with a free passage of 900 mm and an external dimension of 1500 x 1500 mm.

The door can be produced with an opening at 180° or 90° left or 90° right.

## SURFACE TREATMENT

All the mechanical parts are treated against corrosion by electro zinc, according to RoHS norms.  
The structure is standard RAL paint; finish painting embossed

## STANDARD TECHNICAL CHARACTERISTICS

Power supply	230/110 Vdc single phase, 50/60hz, 10A
Mother board of control	Industrial PC built according to international standards. Linus S.O with serial port ;2 LAN, 2 CAN BAS, 1 RS485, 1RS23, 2USB, 1 mini USB
Geared motor	50W, 24 Vcc
Torque limiter	Electronic
Speed	Programmable
Passages (out of action time of the access control device)	3 to 4 users / minute in one direction, entry. 6 to 7 users / minute in both directions, entry exit.
Power consumption	150 W
Weight	700 to 800 Kg depending on the type of glasses
Operating t°	from - 10° a + 45°
Max relative humidity	90% without condensation
Protection index	IP33 (with optional roof)
Shock resistance MCBF	IK09 (housing) 2 Mo mean cycles between failures, when respecting recommended maintenance
CE	Conforms to European norms

## STANDARD SIZE (MM)



## OPTIONS

- ✓ Metal detector
- ✓ Left object detector
- ✓ Single presence detector
- ✓ Sensor for automatic opening doors
- ✓ Double contact mat
- ✓ Counting people detained
- ✓ Voice messages board
- ✓ Kit for TCP/IP communication with remote console
- ✓ Heater for operation down to -20°C
- ✓ Push button for opening command
- ✓ Key lock for the Entry obstacle (outside the site)
- ✓ Key lock for the Entry obstacle (inside the site)
- ✓ Housing flat finish paint
- ✓ Housing 304L stainless steel (brushed polished)
- ✓ Emergency opening push button inside the cabin
- ✓ Waterproof IP33 roof (half or complete)
- ✓ Intercom with operator (placed outside or inside the cabin)
- ✓ Passage height increased to 2300 mm
- ✓ Adaptation or UL power supply 230/110 V ac
- ✓ 20/21 mm BR2/S P6B glass
- ✓ 26/27 mm BR3/S P6B glass
- ✓ Milky glass finish
- ✓ Electronics in separate cabinet
- ✓ Product supplied dismantled to be assembled on site

## BEFORE INSTALLATION

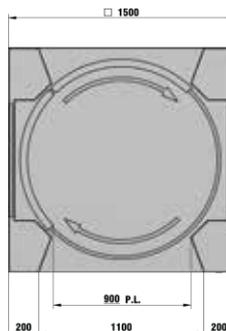
- ✓ Prepare the power supply 230V AC, 50/60 Hz 10A near the point where they pose the cabin, in the upper part.
- ✓ Prepare the pipes from the highest point of the cabin to the point where is the console provided (only if included in the delivery)
- ✓ Prepare the tiled floor or smooth concrete finish (6 mm maximum height difference of 4.00 m)
- ✓ Check the tightness (flow m2) of floor which is installed the security door

## MODE INTRODUCTION AND INSTALLATION

The cabins MCA-QLK can be supplied already assembled or in kit. Before shipping, need to check if there is the possibility of introducing into the site assembled or if need to provide it with Kit for site assembly

## RECOMMENDATIONS

For security reasons, it is recommended that children be accompanied and monitored closely while passing through the security door



# Security Revolving Doors

## REVOLVING DOOR MCA-R1600



The security doors of the **MyCheck Access** range have been designed to grant a high-security control access managing the flow of people.

This product is the result of a long experience in this field, their design and the strongness as well put them in a particular way at the entry of buildings as airports, offices' establishments, laboratories, protected sites, any place where both elegance and security are required to check the flow of people.

The product is made by a painted steel structure with doors and glass side panels of high-resistance, toughened and bullet-proof too.

The products of **MyCheck Access** range, thanks to careful devices in both the design and the construction provide also a good thermal insulation whilst maintaining great visibility thanks to the wide glass sides.

The product **MCA-R 1600** is fitted with 3 wings placed at 120° creating 3 rotating sectors with a passage of **650mm** in the point of access to the sector and with an overall diameter of the structure of **1600 mm**.

Adding additional doors in the protected area side it's possible to increase the flow speed and at the same time it is not necessary to reverse the way; actually, the closing of the additional doors refuses the access to the unauthorized user to security area bringing him back outside without interrupting the rotation.

## DESCRIPTION

**1 Top** in painted steel including the devices for doors automation and the electronics and management, power supply and batteries.

**2 Revolving Wing** in clear glass layered with thickness from 10 to 13 mm. Every wing is fitted with brushes to ensure thermal insulation.

**3 Side panels** in painted steel and multi-layer glass with thickness from 10 to 21 mm.

**4 Base** MCA-R1600 has no base, it's placed directly on the finished floor of the site where is installed.

**5 Logic control and e automation doors control and access mode** including:

- ✓ Industrial PC controller, LAN Network Protocol TCP/IP
- ✓ Control panel
- ✓ Battery charger power-supply 230/110-24v dc  
Emergency Batteries (approx. 100 cycles) in case of lack of primary energy
- ✓ One 24 v motor (2 in case be fitted with additional doors) managed by the PC logic control ensuring the fast movement of the wings with constant and gradual slow-down at the end of the opening/closing cycle as well as a perfect and efficient torque limiter such as to ensure that any contact of people against the door in motion will not cause any accident to the users.
- ✓ Security devices for the control of prevention of accidents

**6 Led Spot Lamps** which grant constant lighting of the people way area.

**7 Users' plates** : they are plates fitted with red green led showing the availability status for transit and of buttons for the demand of transit.

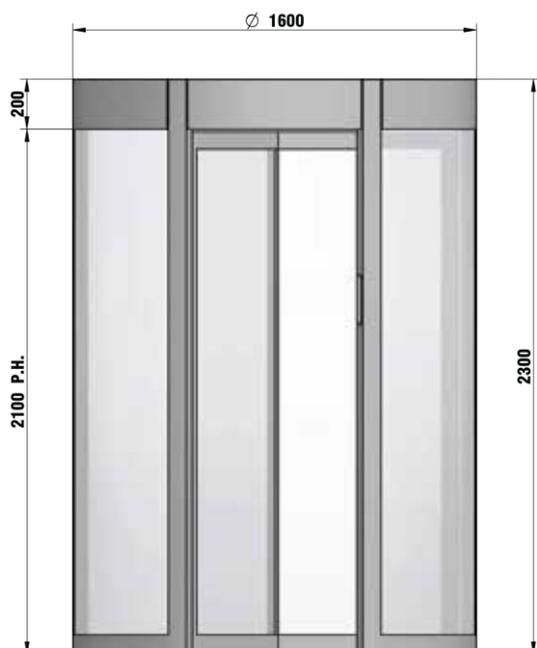
**8 Detection Device** of the presence of the person inside the security door.

The structure is standard RAL paint; finish painting embossed.

## STANDARD TECHNICAL CHARACTERISTICS

Power supply	230/110 Vdc single phase, 50/60hz,10A
Mother board of control	Industrial PC built according to international standards. Linus S.O with serial port ;2 LAN,2 CAN BAS, 1 RS485, 1RS23,2USB 1 mini USB
Geared motor	120W, 24 Vcc
Torque limiter	Electronic
Speed	Programmable 4 to 7 rotations/m
Passages (out of action time of the access control device)	12 to 21 users / minute in one direction, entry. 24 to 42 users / minute in both directions, entry exit.
Power consumption	150 W
Weight	800 to 900 Kg depending on the type of glasses
Operating t°	from - 10° a + 45°
Max relative humidity	90% without condensation
Protection index	IP33 (with optional roof)
Shock resistance	IK09 (housing)
MCBF	2 Mo mean cycles between failures,when respecting recommended maintenance
CE	Conforms to European norms

## STANDARD SIZE (MM)



## OPTIONS

- ✓ Interface Kit for access control systems
- ✓ kit additional ports to speed cycles
- ✓ Single presence detector
- ✓ Sensor for automatic opening doors
- ✓ Carpet kit with template built
- ✓ Counting people detained
- ✓ Voice messages board
- ✓ Kit for TCP/IP communication with remote control panel
- ✓ Heater for operation down to -20°C -20°C
- ✓ Push button for opening command
- ✓ Key lock for locking the rotation
- ✓ Manual sliding door for non-secured area side (outside the site)
- ✓ Housing flat finish paint or not RAL color
- ✓ Housing 304L stainless steel (brusche polished)
- ✓ Emergency opening push button inside the cabin to unlock the doors rotating
- ✓ Waterproof IP33 roof (half or complete)
- ✓ Intercom with operator (placed outside or inside the cabin)
- ✓ Passage height increased to 2300 mm
- ✓ 12/13 mm BR1/S P2A glass side and wing
- ✓ 20/21 mm BR2/S PB6 glass side
- ✓ Milky glass finish
- ✓ Electronics in separate cabinet

## BEFORE INSTALLATION

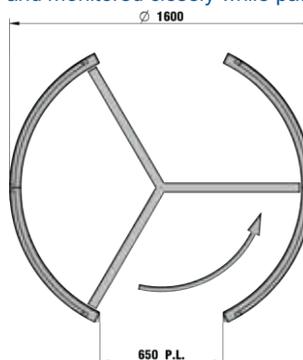
- ✓ prepare the power supply 230V AC, 50/60 Hz 10A near the point where they pose the cabin, in the upper part.
- ✓ Prepare The pipes from the highest point of the cabin to the point where is the console provided (only if included in the delivery)
- ✓ Prepare the tiled floor or smooth concrete finish (6 mm maximum height difference of 4.00 m)
- ✓ Check the tightness (flow m2) of floor which is installed the security door

## MODE INTRODUCTION AND INSTALLATION

The cabins MCA-R1600 can be supplied only disassembled, to be assembled on site.

## RECOMMENDATIONS

For security reasons, it is recommended that children be accompanied and monitored closely while passing through the security door



## REVOLVING DOOR MCA-R1800



The security doors of the **MyCheck Access** range have been designed to grant a high-security control access managing the flow of people.

This product is the result of a long experience in this field, their design and the strongness as well put them in a particular way at the entry of buildings as airports, offices' establishments, laboratories, protected sites, any place where both elegance and security are required to check the flow of people.

The product is made by a painted steel structure with doors and glass side panels of high-resistance, toughened and bullet-proof too.

The products of **MyCheck Access** range, thanks to careful devices in both the design and the construction provide also a good thermal insulation whilst maintaining great visibility thanks to the wide glass sides.

The product **MCA-R 1800** is fitted with 3 wings placed at 120° creating 3 rotating sectors with a passage of **750mm** in the point of access to the sector and with an overall diameter of the structure of **1800 mm**.

Adding additional doors in the protected area side it's possible to increase the flow speed and at the same time it is not necessary to reverse the way; actually, the closing of the additional doors refuses the access to the unauthorized user to security area bringing him back outside without interrupting the rotation.

### DESCRIPTION

**1 Top** in painted steel including the devices for doors automation and the electronics and management, power supply and batteries.

**2 Revolving Wing** in clear glass layered with thickness from 10 to 13 mm. Every wing is fitted with brushes to ensure thermal insulation.

**3 Side panels** in painted steel and multi-layer glass with thickness from 10 to 19 mm.

**4 Base** MCA-R1800 has no base, it's placed directly on the finished floor of the site where is installed.

**5 Logic control and e automation doors control and access mode** including:

- ✓ Industrial PC controller, LAN Network Protocol TCP/IP
- ✓ Control panel
- ✓ Battery charger power-supply 230/110-24v dc
- ✓ Emergency Batteries (approx. 100 cycles) in case of lack of primary energy
- ✓ One 24 v motor (2 in case be fitted with additional doors) managed by the PC logic control ensuring the fast movement of the wings with constant and gradual slow-down at the end of the opening/closing cycle as well as a perfect and efficient torque limiter such as to ensure that any contact of people against the door in motion will not cause any accident to the users.
- ✓ Security devices for the control of prevention of accidents

**6 Led Spot Lamps** which grant constant lighting in the passage area people.

**7 Users' plates** : they are plates fitted with red green led showing the availability status for transit and of buttons for the demand of transit.

**8 Detection Device** of the presence of the person inside the security door.

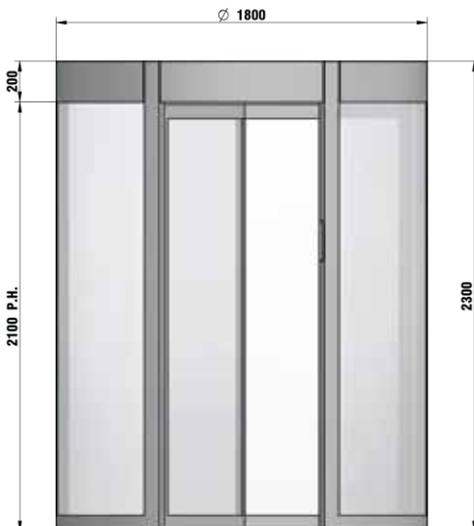
## SURFACE TREATMENT

All the mechanical parts are treated against corrosion by electro zinc , according to RoHS norms.  
The structure is standard RAL paint; finish painting embossed

## STANDARD TECHNICAL CHARACTERISTICS

Power supply	230/110 Vdc single phase, 50/60hz, 10A
Mother board of control	Industrial PC built according to international standards. Linus S.O with serial port ;2 LAN,2 CAN BAS, 1 RS485, 1RS23,2USB 1 mini USB
Geared motor	120W, 24 Vcc
Torque limiter	Electronic
Speed	Programmable 4 to 7 rotations/m
Passages (out of action time of the access control device)	12 to 21 users / minute in one direction, entry. 24 to 42 users / minute in both directions, entry exit.
Power consumption	150 W
Weight	1000 to 1200 Kg depending on the type of glasses
Operating t°	from - 10° a + 45°
Max relative humidity	90% without condensation
Protection index	IP33 (with optional roof)
Shock resistance	IK09 (housing)
MCBF	2 Mo mean cycles between failures,when respecting recommended maintenance
CE	Conforms to European norms

## STANDARD SIZE (MM)



## OPTIONS

- √ Interface Kit for access control systems
- √ kit additional ports to speed cycles
- √ Single presence detector
- √ Sensor for automatic opening doors
- √ Carpet kit with template built
- √ Counting people detained
- √ Voice messages board
- √ Kit for TCP/IP communication with remote control panel
- √ Heater for operation down to -20°C
- √ Push button for opening command
- √ Key lock for locking the rotation
- √ Manual sliding door for non-secured area side (outside the site)
- √ Housing flat finish paint or not RAL color
- √ Housing 304L stainless steel (brusche polished)
- √ Emergency opening push button inside the cabin to unlock the doors rotating
- √ Waterproof IP33 roof (half or complete)
- √ Intercom with operator (placed outside or inside the cabin)
- √ Passage height increased to 2300 mm
- √ 12/13 mm BR1/S P2A glass side and wing
- √ 20/21 mm BR2/S PB6 glass side
- √ Milky glass finish
- √ Electronics in separate cabinet

## BEFORE INSTALLATION

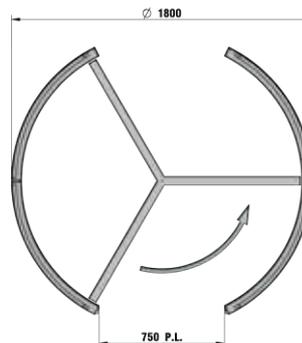
- √ Prepare the power supply 230V AC, 50/60 Hz 10A near the point where they pose the cabin, in the upper part.
- √ Prepare The pipes from the highest point of the cabin to the point where is the console provided (only if included in the delivery)
- √ Prepare the tiled floor or smooth concrete finish (6 mm maximum height difference of 4.00 m)
- √ Check the tightness (flow m2) of floor which is installed the security door

## MODE INTRODUCTION AND INSTALLATION

The cabins MCA-R1800 can be supplied only disassembled, to be assembled on site.

## RECOMMENDATIONS

For security reasons, it is recommended that children be accompanied and monitored closely while passing through the security door



# Automatic Revolving Doors

## REVOLVING DOOR MCA-R2300



### DESCRIPTION

**1 Top** in painted steel including the devices for doors automation and the electronics and management, power supply and batteries.

**2 Revolving Wing** in clear glass layered with thickness from 10 to 13 mm. Every wing is fitted with brushes to ensure thermal insulation.

**3 Side panels** in painted steel and multi-layer glass with thickness from 10 to 21 mm.

**4 Base** MCA-R2300 has no base, it's placed directly on the finished floor of the site where is installed.

**5 Logic control and automation doors control and access mode** including:

- ✓ Industrial PC controller, LAN Network Protocol TCP/IP
- ✓ Control panel
- ✓ Battery charger power-supply 230/110-24v dc
- ✓ Emergency Batteries (approx. 100 cycles) in case of lack of primary energy
- ✓ One 24 v motor (2 in case be fitted with additional doors) managed by the PC logic control ensuring the fast movement of the wings with constant and gradual slow-down at the end of the opening/closing cycle as well as a perfect and efficient torque limiter such as to ensure that any contact of people against the door in motion will not cause any accident to the users.
- ✓ Security devices for the control of prevention of accidents

**6 Led Spot Lamps** which grant constant lighting of the people way area.

**7 Users' plates** : they are plates fitted with red green led showing the availability status for transit and of buttons for the demand of transit.

**8 Detection Device** of the presence of the person inside the security door.

The security doors of the **MyCheck Access** range have been designed to grant a high-security control access managing the flow of people.

This product is the result of a long experience in this field, their design and the strongness as well put them in a particular way at the entry of buildings as airports, offices' establishments, laboratories, protected sites, any place where both elegance and security are required to check the flow of people.

The product is made by a painted steel structure with doors and glass side panels of high-resistance, toughened and bullet-proof too.

The products of **MyCheck Access** range, thanks to careful devices in both the design and the construction provide also a good thermal insulation whilst maintaining great visibility thanks to the wide glass sides.

The product **MCA-R 2300** is fitted with 4 wings at 90° creating 4 rotating sectors with a passage of **1000mm** in the point of access to the sector and with an overall diameter of the structure of **2300 mm**.

Adding additional doors in the protected area side it's possible to increase the flow speed and at the same time it is not necessary to reverse the way; actually, the closing of the additional doors refuses the access to the unauthorized user to security area bringing him back outside without interrupting the rotation.

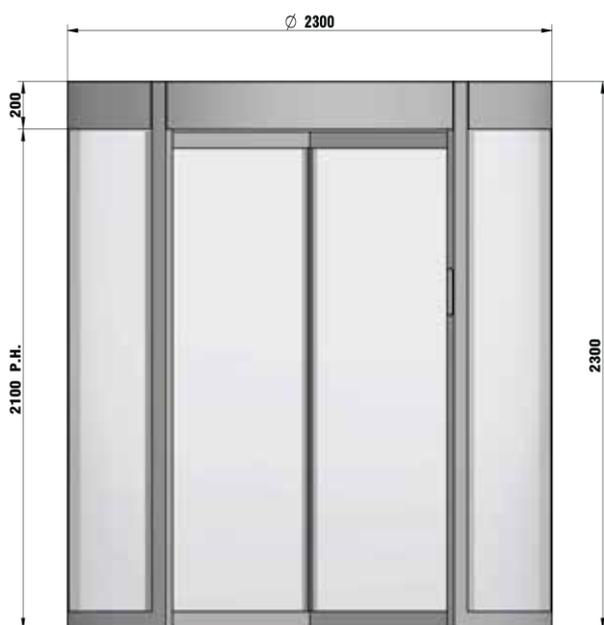
## SURFACE TREATMENT

All the mechanical parts are treated against corrosion by electro zinc , according to RoHS norms.  
The structure is standard RAL paint; finish painting embossed

## STANDARD TECHNICAL CHARACTERISTICS

Power supply	230/110 Vdc single phase, 50/60hz, 10A
Mother board of control	Industrial PC built according to international standards. Linus S.O with serial port ;2 LAN,2 CAN BAS, 1 RS485, 1RS23,2USB, 1 mini USB
Geared motor	120W, 24 Vcc
Torque limiter	Electronic
Speed	Programmable 4 to 7 rotations/m
Passages (out of action time of the access control device)	16 to 28 users / minute in one direction, entry. 32 to 56 users / minute in both directions, entry exit.
Power consumption	200 W
Weight	1300 to 1400 Kg depending on the type of glasses
Operating t°	from - 10° a + 45°
Max relative humidity	90% without condensation
Protection index	IP33 (with optional roof)
Shock resistance	IK09 (housing)
MCBF	2 Mo mean cycles between failures,when respecting recommended maintenance
CE	Conforms to European norms

## STANDARD SIZE (MM)



## OPTIONS

- √ Interface Kit for access control systems
- √ kit additional ports to speed cycles
- √ Single presence detector
- √ Sensor for automatic opening doors
- √ Carpet kit with template built
- √ Counting people detained
- √ Voice messages board
- √ Kit for TCP/IP communication with remote control panel
- √ Heater for operation down to -20°C
- √ Push button for opening command
- √ Key lock for locking the rotation
- √ Manual sliding door for non-secured area side (outside the site)
- √ Housing flat finish paint or not RAL color
- √ Housing 304L stainless steel (brusche polished)
- √ Emergency opening push button inside the cabin to unlock the doors rotating
- √ Waterproof IP33 roof (half or complete)
- √ Intercom with operator (placed outside or inside the cabin)
- √ Passage height increased to 2300 mm
- √ 12/13 mm BR1/S P2A glass side and wing
- √ 20/21 mm BR2/S PB6 glass side
- √ Milky glass finish
- √ Electronics in separate cabinet

## BEFORE INSTALLATION

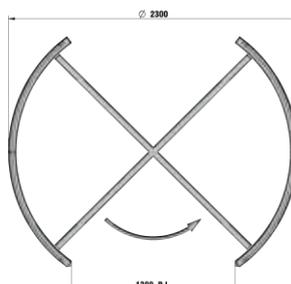
- √ Prepare the power supply 230V AC, 50/60 Hz 10A near the point where they pose the cabin, in the upper part.
- √ Prepare The pipes from the highest point of the cabin to the point where is the console provided (only if included in the delivery)
- √ Prepare the tiled floor or smooth concrete finish (6 mm maximum height difference of 4.00 m)
- √ Check the tightness (flow m2) of floor which is installed the security door

## MODE INTRODUCTION AND INSTALLATION

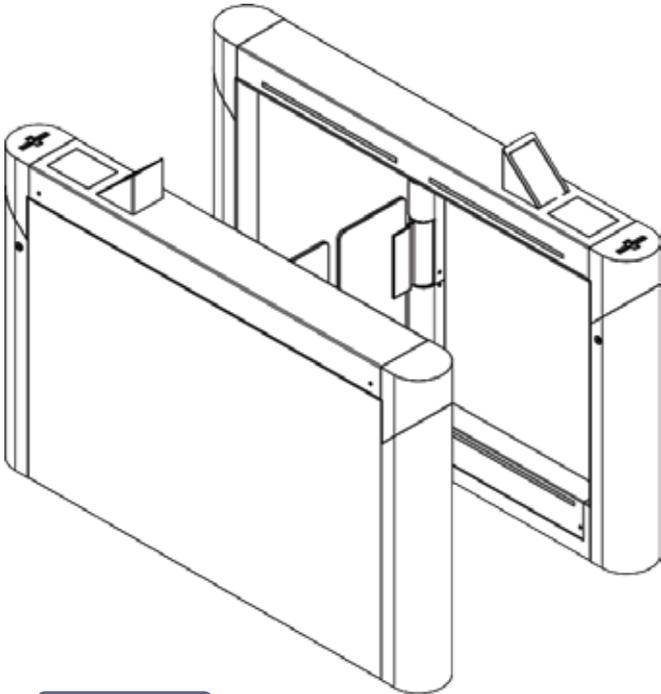
The cabins MCA-R2300 can be supplied only disassembled, to be assembled on site.

## RECOMMENDATIONS

For security reasons, it is recommended that children be accompanied and monitored closely while passing through the security door



## SWING GATES HSA BO2 SERI



### DESCRIPTION

- √ The sensor barrier is a rotary flap door system (swing gate type); EN 16005 approved.
- √ The system is equipped with half-height swing flaps consisting of a sensor-controlled passage way. After an authorized person passes through, the doors close automatically to prevent that an unauthorized person can pass through and give alarm.
- √ The guiding elements are with housing and semi-circle base columns made of stainless steel satin finish AISI 304L.
- √ Throughput rate: 20-40 per person minute.
- √ Designed for ~ over 5 million.
- √ Programmable via Tablet (WiFi enabled)

### CONSTRUCTION

- √ Guiding elements consist of :
  - Housing and base column made of stainless steel satin finish AISI 304L;
  - The sensor system is integrated in upper and lower part of the housing and the electrical mechanical components are located in the lower part. Base columns are void to be used for integration of on-site components.
- √ Two barrier elements: door wings made of transparent polycarbonate, 10 mm thick, upper edge 900 mm. Housing of the drive made of stainless steel AISI 304L.
- √ Option:
  - Passage width can be enlarged up to 1100 mm for handicapped people passage.

### FINISH

Satin stainless steel finish / customize finishing

### TECHNICAL SPECIFICATION

- √ Temperature range: -20 to +55°C
- √ Mechanics :
  - Angle of opening -95°/0°/+95°
  - Locking torque 46 Nm
  - Max drive torque 6 Nm

### CODES AND STANDARDS

- √ The sensor barrier complies with the relevant codes and standards; internationally equivalent is
  - European standard EN 16005

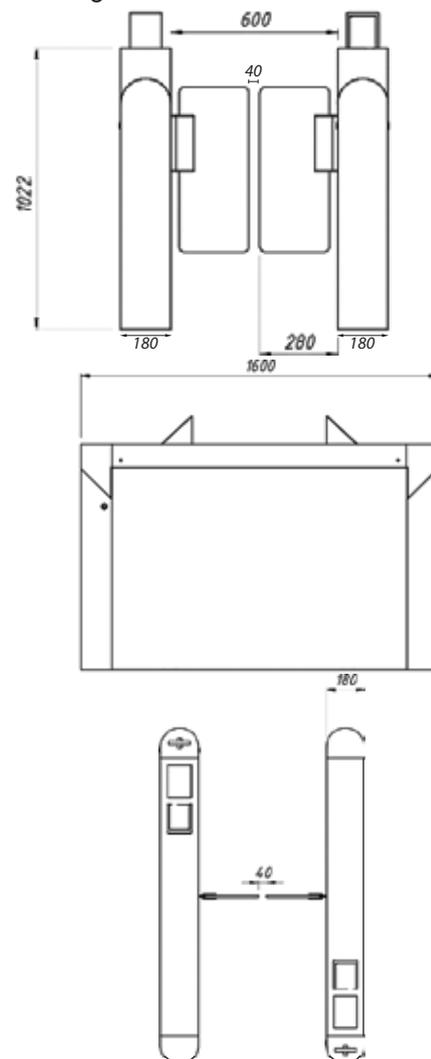
## FUNCTIONS

The Swing Gate is equipped with two servo-positioning drives controlled by the control unit HC2 BMC 16.1 and motor controlled in both directions, thus achieving an outstanding personal safety.

- √ The entrance sector is monitored by an enhanced sensor system of optimised length and composition. This sensor system should also monitor the pivoting area of the barrier elements and serves as protective device. Upon this sensor system monitoring the door flap, 2 more sensors of recognition for person is arranged on handrail and bottom level so as to detect most person entry. (Person < 950 mm in height, may not be detected)
- √ In case of power failure the unit is able to be passed freely in both directions and automatically resets itself, with returning power supply, into regular function without manpower requirement. The entry area is secured directly with resumption of power supply. The unit can be locked via the Tablet in any position and opens under load (personal safety in case of panic). In basic position, the unit is unlocked to reduce power consumption as much as possible.
- √ Starting behaviour and passage times are parameterised.
- √ The system provides the following adjustable operation modes:
  - basic position open.
  - The barrier elements close automatically, if somebody tries to pass without authorisation. For authorised passage, the barrier elements remain open.
  - basic mode closed.
- √ The barrier elements open automatically for authorised persons in the passage direction and then close again after passage.
- √ Authorized passage prevents an unauthorized passage from the opposite direction. If the unit is not passed during an adjustable time interval after release signal, the release is cancelled automatically.
- √ In case of power failure: barrier element can be moved freely in standard adjustment
- √ Tablet based programming tool for programming, set up and maintenance
- √ Tablet optional with WI-Fi communication
- √ Double sensor protection (top – Bottom)
- √ Protection to avoid 2 person passage at the same time (closing + alarm)
- √ Double monitor (inside – outside) for user information
- √ Indication for maintenance cycles and for all kind of traffic information
- √ Error indicator on monitor
- √ Opening time adjustable between 0.6 – 1.0 sec
- √ Brushless motor

## MEASUREMENTS

Total width:	960-1460 mm
Passage width:	600-1100mm
Guiding element width:	180 mm
Total height:	1022 mm
Total length:	1600 mm



## ELECTRIC

Control HC2 BMC 16.1 and power supply pack are integrated in the unit.

Power supply 110 – 230V AC 50/60 Hz

## INSTALLATION

The sensor barrier is fixed on finished floor level; can be installed outside under a roof for rain protection.



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