

PEDESTRIAN ACCESS CONTROL SYSTEMS

TURNSTILES
SPEED GATES
HIGH SECURITY SOLUTIONS



CAME 
ÖZAK

CAME.COM

CAME  **ÖZAK**

PEDESTRIAN ACCESS CONTROL SYSTEMS

WAIST HEIGHT TURNSTILES



SPEED GATES



TURNSTILES FOR REDUCED MOBILITY



GLASS LINE SERIES



FREE PASSAGE TURNSTILES



HALF HEIGHT TURNSTILES



FULL HEIGHT TURNSTILES



GLASS & HIGH SECURITY SERIES



PEDESTRIAN GATE



MOVABLE TURNSTILES





WE SPEAK ABOUT QUALITY LIVING, IN ALL OF THE WORLD'S LANGUAGES.

CAME has nourished people's needs for over 60 years by using technology as a key to a quality life. All our projects and ideas drive our innovation and focus to make people's lives as comfortable as possible. This is where our company's skills and experience come into play. We know how to blend the functionality and design that drives our excellent performance.

It's about knowing that you can count on professionals able to shape our innovations into solutions. It's about customizing proposals for automation and integrating them with the cutting-edge of connectivity and mobile technology. CAME and partners strive together to satisfy our ever-more-demanding and culturally diverse customer-base, with its varying needs for transforming their living space into much more intelligent, and safer homes.



CAME

ALWAYS ONE STEP AHEAD

We are a leading brand in the design of integrated solutions for automation, video door entry, access control and public and private parking facilities. Over time, the group has incorporated highly specialised companies, which have allowed us to broaden our horizons and provide cutting-edge solutions for the residential, business and urban sectors, including home automation, temperature control, road barriers, high security bollards, sectional garage doors and industrial doors. Today, we have a single, unique vision which makes us an innovative and reliable technological partner.

CAME  BPT

CAME  PARKARE

CAME  URBACO

CAME  GO

CAME  ÖZAK

OUR WORLDWIDE NETWORK.

We have a worldwide network.

From our Treviso Headquarters - the heart of the Group - we coordinate 7 production plants and 6 R&D centres. We sit across the market thanks to branches in 21 countries, and operate in 118 countries through our business partners and distributors.

The complexity involved in living spaces and in mobility flows require ever greater protection and security, plus enhanced reactive capacity and greater know-how that embrace an integrated and global vision of the world.

We are the technology partner for those projects that require integrated systems for improving the quality of our living space - whether private or public.

Our products are made for controlling homes, managing urban venues and workplaces, of any kind, anywhere in the world.

Our Group shares common goals, which go beyond single specializations. Thanks to the synergies among all our divisions and brands, we share an operating approach that enriches our diversity.

BRANCHES NORTH AND LATIN AMERICAS

Brazil
Chile
Mexico
Perù
USA

1700

EMPLOYEES AROUND THE WORLD



CAME HQ

Treviso, ITALY

BRANCHES EUROPE

Italy	Poland
Belgium	Portugal
Croatia	Russia
France	Spain
Germany	The United Kingdom
Ireland	Turkey
Netherlands	

6

R&D CENTERS

21

COUNTRIES WITH DIRECT BRANCHES

118

COUNTRIES WITH PARTNERS AND DISTRIBUTORS

7

PRODUCTION PLANTS

Dosson di Casier - ITALY
Sesto al Reghena - ITALY
Spilimbergo - ITALY
Hemel Hempstead - UK
Entraigues - FRANCE
Barcelona - SPAIN
Kocaeli - TURKEY

!

BRANCHES ASIA

India
UAE

BRANCHES AFRICA

South Africa

480

WORLDWIDE
DISTRIBUTORS
AND PARTNERS

CAME.COM

RESIDENTIAL SOLUTIONS



BUSINESS SOLUTIONS



URBAN SOLUTIONS



RESIDENTIAL SOLUTIONS

We have gone beyond the simple idea of Home Automation, and taken the concept full circle. Now every device is fully integrated and connected into a system that improves people's lives. Today, we believe automation is at the heart of everything: to handle the entrances and blinds, to control awnings and shutters, plus video intercom-entry systems, CCTV, and, burglar alarms.

BUSINESS SOLUTIONS

For every public venue, our offer provides the most sophisticated systems for controlling accesses and the most evolved solutions for burglar systems, video-intercom entry panels and barriers for parking facilities. Small and large companies, commercial enterprises, large buildings: CAME-branded Building-Automation operators provide control and safety in both small and large working environments.

URBAN SOLUTIONS

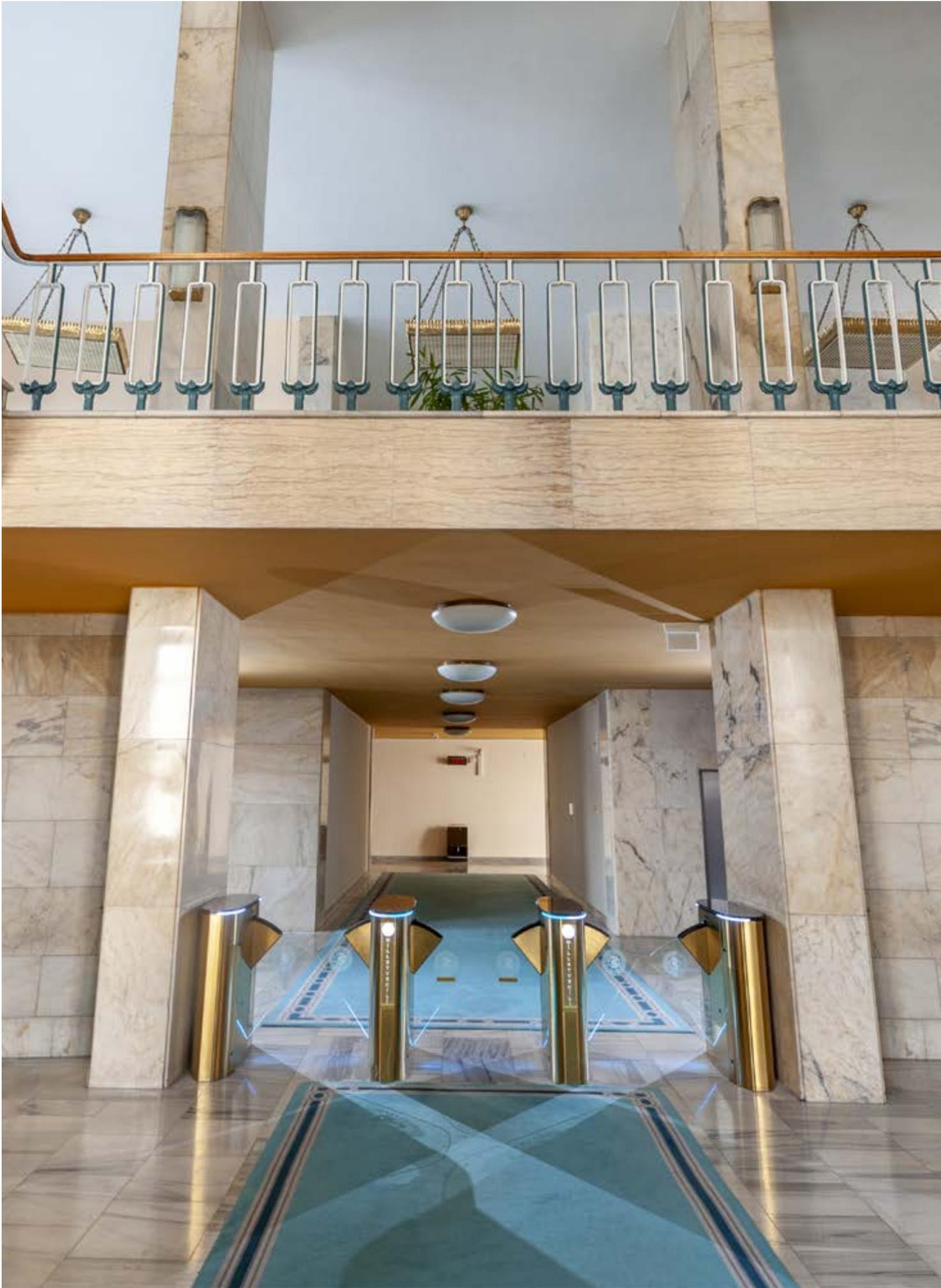
Our offer is geared to meet the different automation needs for urban planning and architectural scenarios. CAME solutions are engineered for managing safety and control in large works and for contributing to the planning of urban spaces so as to make them "Safe and Smart", as called for in today's fast-paced, metropolitan centres.

EXTENSIVE SOLUTIONS OVER 40 YEARS FOR SECURITY AND WELL-BEING OF THE PEOPLE AROUND THE GLOBE.



CAME ÖZAK, a global player, has incorporated one of the widest range of products offering solutions in pedestrian and vehicle access control fields. We owe our success to our talented designers and engineers along with our flexible manufacturing processes.

Understanding needs of the people, thus providing customised solutions tailored to expectations has made our offering a choice for numerous residential, governmental, urban and sports facilities. Our fully integratable, user friendly and high performance solutions are available with our solution partners all over the world.



TIMELINE

1976



Foundation

Ozak was founded by Ozalp Family.

1989

First Turnstile



Started to produce turnstiles and gates.

2006



Increase in Production

Reached 1.000 units per year.

2008

Facility Expansion



Production facilities reached 2.700 m² from 500 m².

2009



New Segment

Launched Road Blocker & Bollards products.

2010

Facility Expansion



Production facilities reached 3.600 m² from 2.700 m².

2012



Growth in Export Markets

Export sales reached more than 50% of turnover.

NR-D Systeme GmbH was founded in Germany.

2013

Increase in Production



Reached 5.000 units per year.

2018



Facility Expansion

Production facilities reached 33.700 m² of which 21.000 m² is covered area.

2019

CAME † **ÖZAK**

Özak becomes part of CAME.

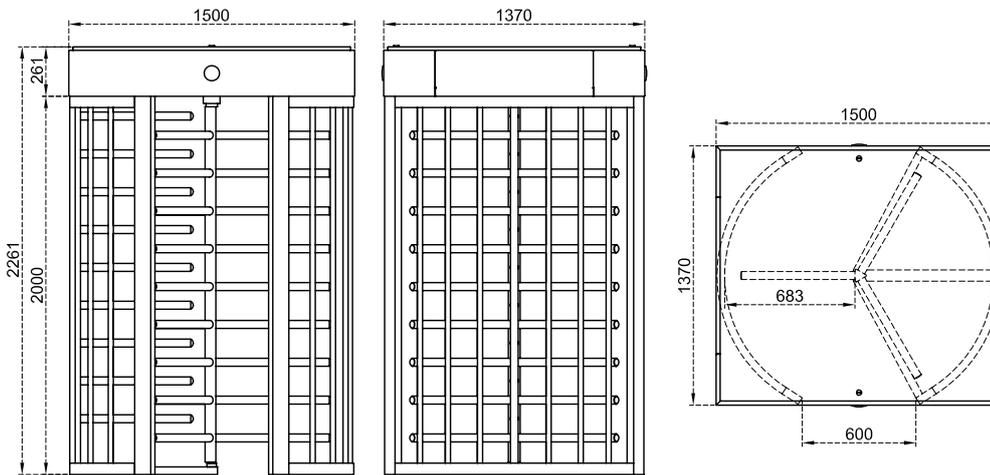


72	FULL HEIGHT TURNSTILES
72	BT 312
73	BT 312 D
74	BTX 300 N1
75	BTX 300 N1 D
78	ECOLINE 300
79	ECOLINE 300 D
82	BT 402
83	BT 402 D
84	BTX 400 N1
85	BTX 400 N1 D
88	ECOLINE 400
89	ECOLINE 400 D

BT 312

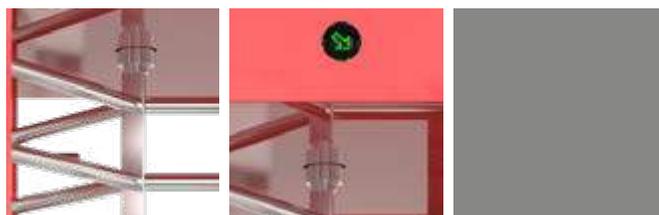


Dimensions (mm)

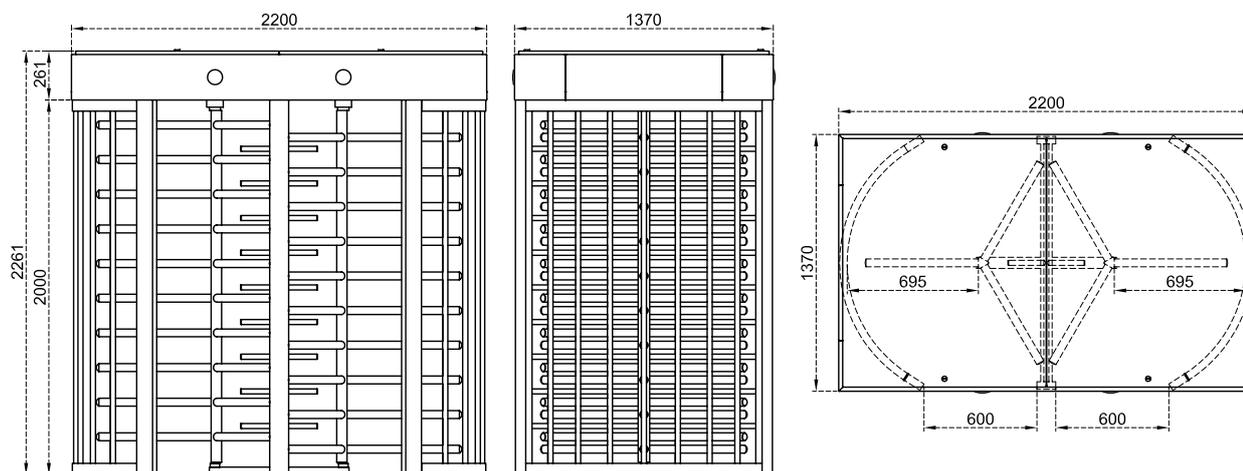


Technical Features

Body Features	304-grade (opt. 316-grade) brushed finished stainless steel, electrostatic painted surface or mixed combination options. (opt. hot dip galvanizing under coating for outdoor models). Optionally available to comply with UK H&S regulations of max. 98 mm gap between upright profiles.
Arm Features	Three-section rotor (120°). Each section contains nine Ø42x2.5mm electrostatic powder coated hot dip galvanized or Ø40x2 mm stainless steel (opt. Ø38, Ø42 and Ø45mm) arms.
Power Requirements	110/220-240 V. 60/50Hz. AC (%±10) 24V. DC at standby ~3W. max. ~15W.
Control System	All inputs are opto-coupler protected. Compatible with all access control systems that provide dry contact or grounding outputs. Optional RS232/RS485/TCP IP control module is available.
Flow Rate	Capacity of mechanism (manual) : Max. 60 pass/min. Nominal : ~18 pass/min. Capacity of mechanism (motorized) : Max. 48 pass/min. Nominal : ~15 pass/min. *Utilisation of different access control units can change the flow rate.
Emergency Mode	System allows free passage in emergency mode and in case of power failure.
Operation Temperature, Humidity, IP Rating	-20°C to +68°C (Opt. -50°C with heater unit), RH 95% non-condensing / IP 56 outdoor model (opt. IP 66).
Operation	Manually operated bi-directional system (optional motorized) with dip switch selectable operational modes including controlled access on both sides, one side free (exit or entry) and other side controlled access and access restriction modes.
Optional Accessories and Applications	Remote control units, interface unit for PC, RS485, RS232 and LAN, counter, audio-messaging system, bottom plate, coin slot/intelligent coin system and coin box, card reader pole, seat limiter for stadium solutions, animated indicators, internal battery and charge unit, motor driven unit, heater positive unit, separators, card reader mounting bracket, down light.



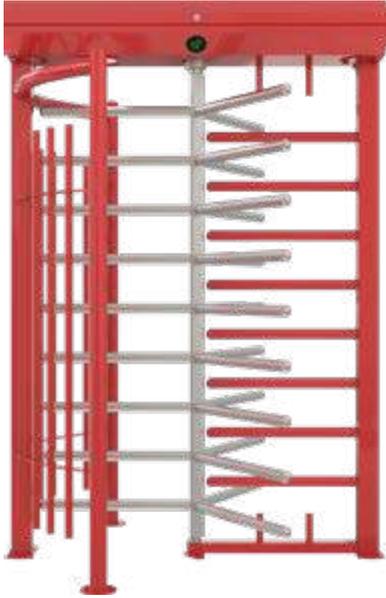
Dimensions (mm)



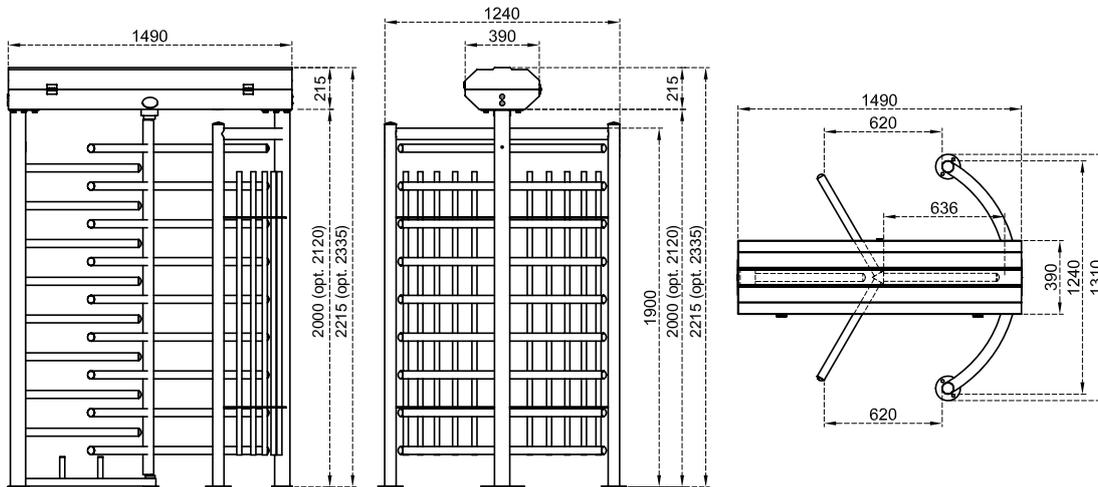
Technical Features

Body Features	304-grade (opt. 316-grade) brushed finished stainless steel, electrostatic painted surface or mixed combination options. (opt. hot dip galvanizing under coating for outdoor models). Optionally available to comply with UK H&S regulations of max. 98 mm gap between upright profiles.
Arm Features	A pair of three-section rotors (120°). Each section contains ten Ø42x2.5mm electrostatic powder coated hot dip galvanized or Ø40x2 mm stainless steel (opt. Ø38, Ø42 and Ø45mm) arms.
Power Requirements	110/220-240 V. 60/50Hz. AC (%±10) 24V. DC, at standby ~3W. + ~3W. max. ~15W. + ~15W.
Control System	All inputs are opto-coupler protected. Compatible with all access control systems that provide dry contact or grounding outputs. Optional RS232/RS485/TCP IP control module is available.
Flow Rate	Capacity of mechanism (manual) : Max. 60 + 60 pass/min. Nominal : ~18 + ~18 pass/min. Capacity of mechanism (motorized) : Max. 48 + 48 pass/min. Nominal : ~15 + ~15 pass/min. *Utilisation of different access control units can change the flow rate.
Emergency Mode	System allows free passage in emergency mode and in case of power failure.
Operation Temperature, Humidity, IP Rating	-20°C to + 68°C (opt. -50°C with heater unit), RH 95% non-condensing / IP 56 outdoor model (opt. IP 66).
Operation	Manually operated bi-directional system (optional motorized) with dip switch selectable operational modes including controlled access on both sides, one side free (exit or entry) and other side controlled access and access restriction modes.
Optional Accessories and Applications	Remote control units, interface unit for PC, RS485, RS232 and LAN, counter, audio-messaging system, bottom plate, coin slot/intelligent coin system and coin box, card reader pole, seat limiter for stadium solutions, animated indicators, internal battery and charge unit, motor driven unit, heater positive unit, separators, card reader mounting bracket, down light.

BTX 300 N1



Dimensions (mm)



Technical Features

304-grade (opt. 316-grade) brushed finished stainless steel, electrostatic painted surface or mixed combination versions. (opt. hot dip galvanizing under coating for outdoor models). Complying to UK H&S regulations of max. 98 mm gap between upright profiles.

Body Features

Top lid is equipped with damper for safety and service convenience.

Optional intelligent illumination system provides energy saving feature (illuminating automatically in darkness/at night and optionally can run parallel with site illumination).

Arm Features

Three-section rotor (120°). Each section contains nine Ø42x2.5 mm electrostatic powder coated hot dip galvanized or Ø40x2 mm stainless steel (opt. Ø38, Ø42 and Ø45 mm) arms.

Power Requirements

110/220-240 V. 60/50Hz. AC (%±10) 24V. DC at standby ~8W. max. ~20W.

Control System

All inputs are opto-coupler protected. Compatible with all access control systems that provide dry contact or grounding outputs. Optional RS232/RS485/TCP IP control module is available.

Flow Rate

Capacity of mechanism (manual) : Max. 60 pass/min. **Nominal** : ~18 pass/min.

Capacity of mechanism (motorized) : Max. 48 pass/min. **Nominal** : ~15 pass/min.

*Utilisation of different access control units can change the flow rate.

Emergency Mode

System allows free passage in emergency mode and in case of power failure.

Operation Temperature, Humidity, IP Rating

-20°C to +68°C (opt. -50°C with heater unit), RH 95% non-condensing / IP 56 outdoor model (opt. IP 66).

Operation

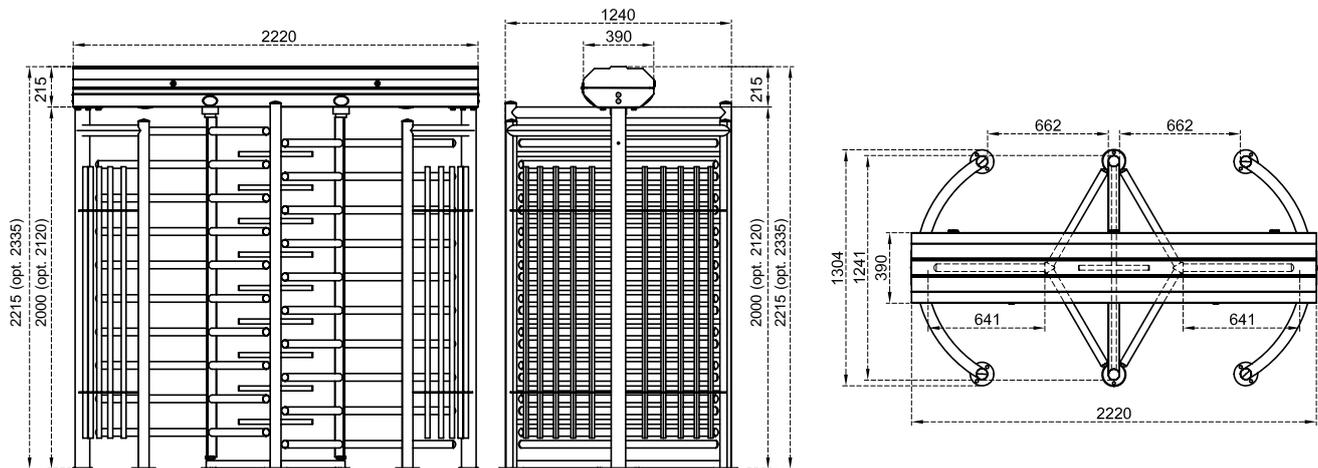
Manually operated bi-directional system (optional motorized) with dip switch selectable operational modes including controlled access on both sides, one side free (exit or entry) and other side controlled access and access restriction modes.

Optional Accessories and Applications

Remote control units, interface unit for PC, RS485, RS232 and LAN, counter, audio-messaging system, bottom plate, coin slot/intelligent coin system and coin box, card reader pole, seat limiter for stadium solutions, animated indicators, internal battery and charge unit, motor driven unit, heater positive unit, separators, canopy, card reader mounting bracket, special illumination adaptation.



Dimensions (mm)



Technical Features

304-grade (opt. 316-grade) brushed finished stainless steel, electrostatic painted surface or mixed combination versions. (opt. hot dip galvanizing under coating for outdoor models). Complying to UK H&S regulations of max. 98 mm gap between upright profiles.

Body Features

Top lid is equipped with damper for safety and service convenience.

Optional intelligent illumination system provides energy saving feature (illuminating automatically in darkness/at night and optionally can run parallel with site illumination).

Arm Features

A pair of three-section rotor (120°). Each section contains nine Ø42x2.5mm electrostatic powder coated hot dip galvanized or Ø40x2 mm stainless steel (opt. Ø38, Ø42 and Ø45mm) arms.

Power Requirements

110/220-240 V. 60/50Hz. AC (%±10) 24V. DC at standby ~8W + 8W. max. ~20W + 20W

Control System

All inputs are opto-coupler protected. Compatible with all access control systems that provide dry contact or grounding outputs. Optional RS232/RS485/TCP IP control module is available.

Flow Rate

Capacity of mechanism (manual) : Max. 60 + 60 pass/min. **Nominal** : ~18 + ~18 pass/min.
Capacity of mechanism (motorized) : Max. 48 + 48 pass/min. **Nominal** : ~15 + ~15 pass/min.
 *Utilisation of different access control units can change the flow rate.

Emergency Mode

System allows free passage in emergency mode and in case of power failure.

Operation Temperature, Humidity, IP Rating

-20°C to +68°C (opt. -50°C with heater unit), RH 95% non-condensing / IP 56 outdoor model (opt. IP 66).

Operation

Manually operated bi-directional system (optional motorized) with dip switch selectable operational modes including controlled access on both sides, one side free (exit or entry) and other side controlled access and access restriction modes.

Optional Accessories and Applications

Remote control units, interface unit for PC, RS485, RS232 and LAN, counter, audio-messaging system, bottom plate, coin slot/intelligent coin system and coin box, card reader pole, seat limiter for stadium solutions, animated indicators, internal battery and charge unit, motor driven unit, heater positive unit, separators, canopy, card reader mounting bracket, special illumination adaptation.



76

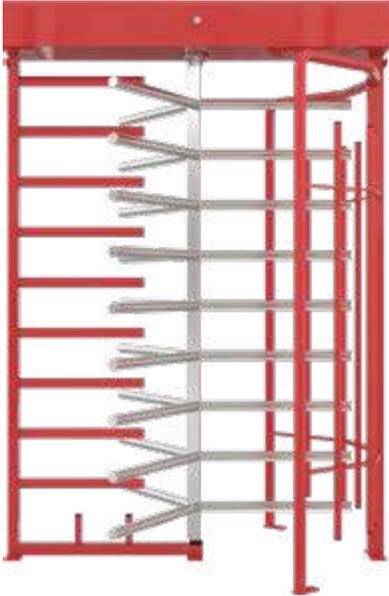
Maden wañ
sektörü ilek
el n zelli

3

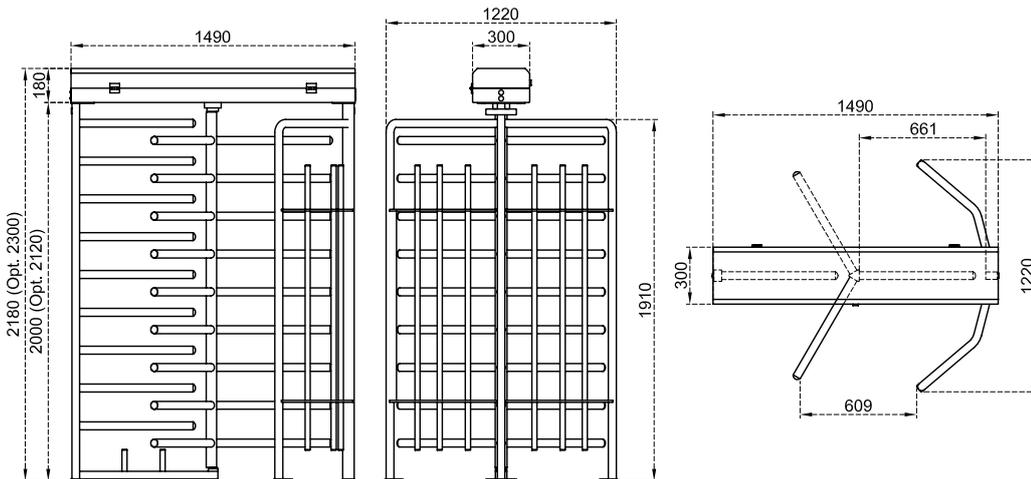


*2011 PE

ECOLINE 300



Dimensions (mm)



Technical Features

Body Features

304-grade (opt. 316-grade) brushed finished stainless steel, electrostatic painted surface or mixed combination versions. (opt. hot dip galvanizing under coating for outdoor models) with down light.

Arm Features

Three-section rotor (120°). Each section contains nine Ø42x2.5mm electrostatic powder coated hot dip galvanized or Ø40x2 mm stainless steel (opt. Ø38, Ø42 and Ø45mm) arms.

Power Requirements

110/220-240 V. 60/50Hz. AC (%±10) 24V. DC at standby ~3W. max. ~15W.

Control System

All inputs are opto-coupler protected. Compatible with all access control systems that provide dry contact or grounding outputs. Optional RS232/RS485/TCP IP control module is available.

Flow Rate

Capacity of mechanism (manual) : Max. 60 pass/min. **Nominal** : ~18 pass/min.

Capacity of mechanism (motorized) : Max. 48 pass/min. **Nominal** : ~15 pass/min.

*Utilisation of different access control units can change the flow rate.

Emergency Mode

System allows free passage in emergency mode and in case of power failure.

Operation Temperature, Humidity, IP Rating

-20°C to +68°C (Opt. -50°C with heater unit), RH 95% non-condensing / IP 56 outdoor model (opt. IP 66).

Operation

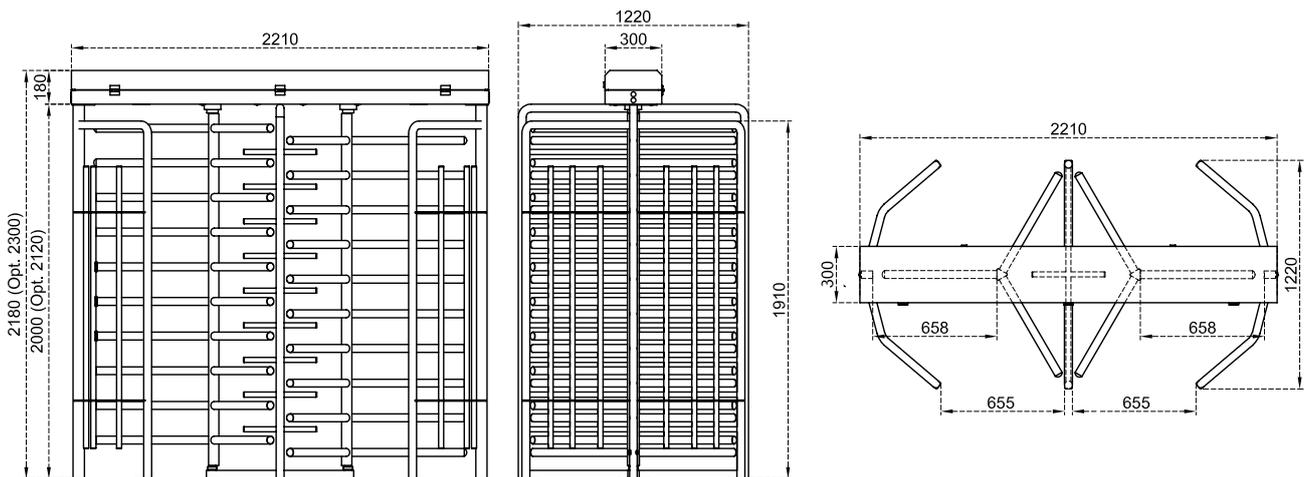
Manually operated bi-directional system (optional motorized) with dip switch selectable operational modes including controlled access on both sides, one side free (exit or entry) and other side controlled access and access restriction modes.

Optional Accessories and Applications

LED direction and status indicators, remote control units, interface unit for PC, RS485, RS232 and LAN, counter, audio-messaging system, bottom plate, coin slot/intelligent coin system and coin box, card reader pole, seat limiter for stadium solutions, animated indicators, internal battery and charge unit, motor driven unit, heater positive unit, separators, card reader mounting bracket.



Dimensions (mm)



Technical Features

Body Features

304-grade (opt. 316-grade) brushed finished stainless steel, electrostatic painted surface or mixed combination versions. (opt. hot dip galvanizing under coating for outdoor models) with down light.

Arm Features

A pair of three-section rotor (120°). Each section contains nine Ø42x2.5mm electrostatic powder coated hot dip galvanized or Ø40x2 mm stainless steel (Opt. Ø38, Ø42 and Ø45mm) arms.

Power Requirements

110/220-240 V. 60/50Hz. AC (%±10) 24V. DC at standby ~3W + 3W. max. ~15W + 15W.

Control System

All inputs are opto-coupler protected. Compatible with all access control systems that provide dry contact or grounding outputs. Optional RS232/RS485/TCP IP control module is available.

Flow Rate

Capacity of mechanism (manual) : Max. 60 + 60 pass/min. **Nominal** : ~18 + ~18 pass/min.

Capacity of mechanism (motorized) : Max. 48 + 48 pass/min. **Nominal** : ~15 + ~15 pass/min.

*Utilisation of different access control units can change the flow rate.

Emergency Mode

System allows free passage in emergency mode and in case of power failure.

Operation Temperature, Humidity, IP Rating

-20°C to +68°C (Opt. -50°C with heater unit), RH 95% non-condensing / IP 56 outdoor model (opt. IP 66).

Operation

Manually operated bi-directional system (optional motorized) with dip switch selectable operational modes including controlled access on both sides, one side free (exit or entry) and other side controlled access and access restriction modes.

Optional Accessories and Applications

LED direction and status indicators, remote control units, interface unit for PC, RS485, RS232 and LAN, counter, audio-messaging system, bottom plate, coin slot/intelligent coin system and coin box, card reader pole, seat limiter for stadium solutions, animated indicators, internal battery and charge unit, motor driven unit, heater positive unit, separators, card reader mounting bracket.



TÜRK TELEKOM ARENA





D6

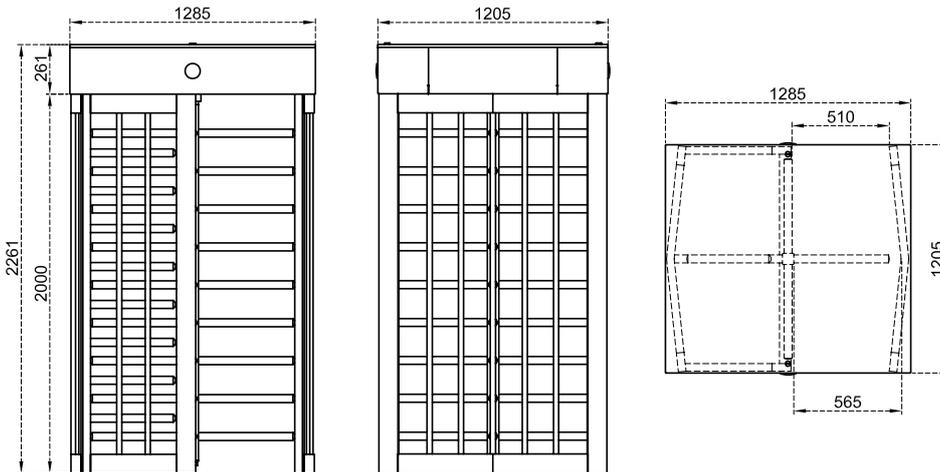
411 412

D6

BT 402

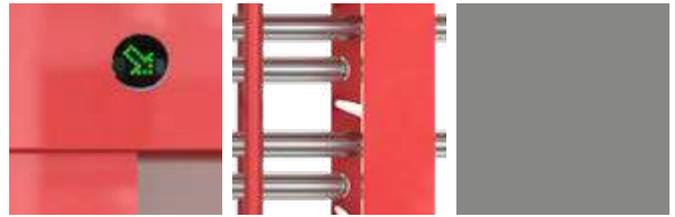


Dimensions (mm)

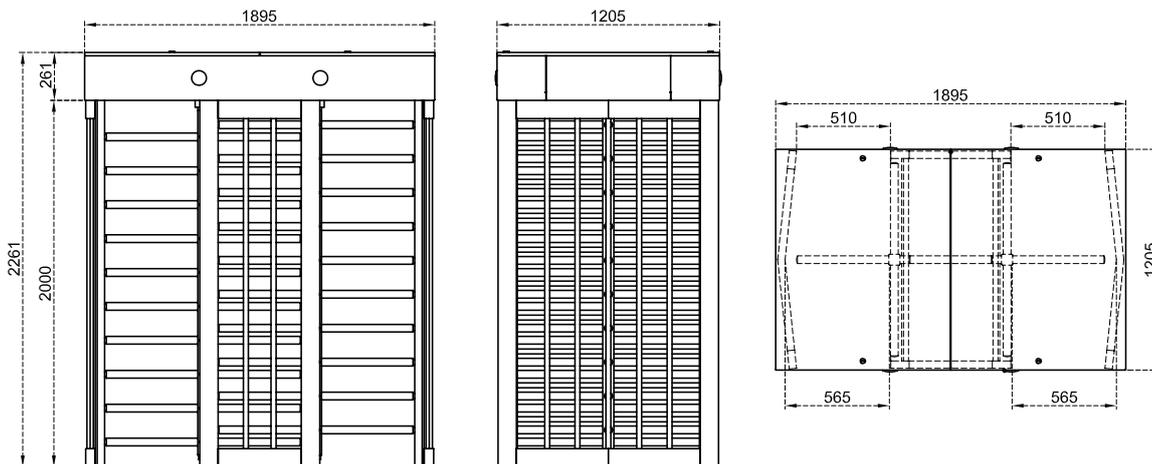


Technical Features

Body Features	304-grade (opt. 316-Grade) brushed finished stainless steel, electrostatic painted surface or mixed combination options. (opt. Hot dip galvanizing under coating for outdoor models). Optionally available to comply with UK H&S regulations of max. 98 mm gap between upright profiles.
Arm Features	Four-section rotor (90°). Each section contains nine Ø42mmx2.5mm electrostatic powder coated hot dip galvanized or Ø40mm stainless steel (opt. Ø38, Ø42 and Ø45mm) arms.
Power Requirements	110/220-240 V. 60/50Hz. AC (%±10) 24V. DC at standby ~3W. max. ~15W.
Control System	All inputs are opto-coupler protected. Compatible with all access control systems that provide dry contact or grounding outputs. Optional RS232/RS485/TCP IP control module is available.
Flow Rate	Capacity of mechanism (manual) : Max. 60 pass/min. Nominal : ~18 pass/min. Capacity of mechanism (motorized) : Max. 48 pass/min. Nominal : ~15 pass/min. *Utilisation of different access control units can change the flow rate.
Emergency Mode	System allows free passage in emergency mode and in case of power failure.
Operation Temperature, Humidity, IP Rating	-20°C to +68°C (Opt. -50°C with heater unit), RH 95% non-condensing / IP 56 outdoor model (opt. IP 66).
Operation	Manually operated bi-directional system (optional motorized) with dip switch selectable operational modes including controlled access on both sides, one side free (exit or entry) and other side controlled access and access restriction modes.
Optional Accessories and Applications	Remote control units, interface unit for PC, RS485, RS232 and LAN, counter, audio-messaging system, bottom plate, coin slot/intelligent coin system and coin box, card reader pole, seat limiter for stadium solutions, animated indicators, internal battery and charge unit, motor driven unit, heater positive unit, separators, canopy, card reader mounting bracket.



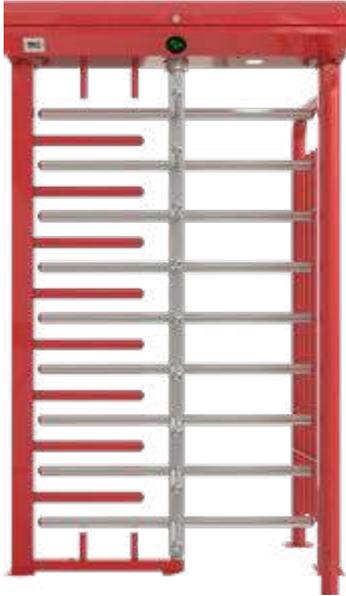
Dimensions (mm)



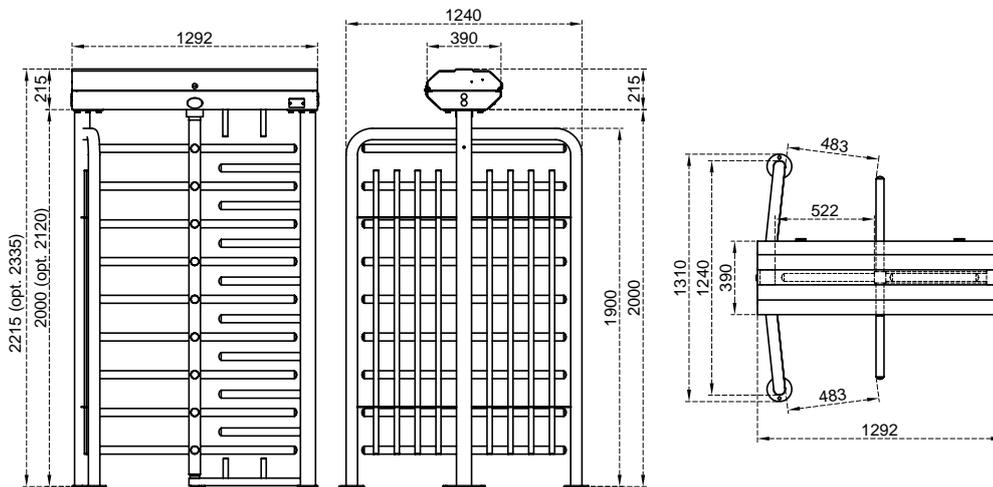
Technical Features

Body Features	304-grade (opt. 316-grade) brushed finished stainless steel, electrostatic painted surface or mixed combination options. (opt. hot dip galvanizing under coating for outdoor models). Optionally available to comply with UK H&S regulations of max. 98 mm gap between upright profiles.
Arm Features	A pair of four-section (90°) rotors. Each section contains ten Ø42 mmx2.5 mm electrostatic powder coated hot dip galvanized or Ø40 mm stainless steel (opt. Ø38, Ø42 and Ø45 mm) arms.
Power Requirements	110/220-240 V. 60/50Hz. AC (%±10) 24V. DC, at standby ~3W. + ~3W. max. ~15W. + ~15W.
Control System	All inputs are opto-coupler protected. Compatible with all access control systems that provide dry contact or grounding outputs. Optional RS232/RS485/TCP IP control module is available.
Flow Rate	Capacity of mechanism (manual) : Max. 60 + 60 pass/min. Nominal : ~18 + ~18 pass/min. Capacity of mechanism (motorized) : Max. 48 + 48 pass/min. Nominal : ~15 + ~15 pass/min. *Utilisation of different access control units can change the flow rate.
Emergency Mode	System allows free passage in emergency mode and in case of power failure.
Operation Temperature, Humidity, IP Rating	-20°C to +68°C (Opt. -50°C with heater unit), RH 95% non-condensing / IP 56 outdoor model (opt. IP 66).
Operation	Manually operated bi-directional system (optional motorized) with dip switch selectable operational modes including controlled access on both sides, one side free (exit or entry) and other side controlled access and access restriction modes.
Optional Accessories and Applications	Remote control units, interface unit for PC, RS485, RS232 and LAN, counter, audio-messaging system, bottom plate, coin slot/intelligent coin system and coin box, card reader pole, seat limiter for stadium solutions, animated indicators, internal battery and charge unit, motor driven unit, heater positive unit, separators, canopy, card reader mounting bracket.

BTX 400 N1



Dimensions (mm)



Technical Features

304-grade (opt. 316-grade) brushed finished stainless steel, electrostatic painted surface or mixed combination versions. (opt. hot dip galvanizing under coating for outdoor models). Complying to UK H&S regulations of max. 98 mm gap between upright profiles.

Body Features

Top lid is equipped with damper for safety and service convenience.

Optional intelligent illumination system provides energy saving feature (illuminating automatically in darkness/at night and optionally can run parallel with site illumination).

Arm Features

Four-section rotor (90°). Each section contains nine Ø42mmx2.5mm electrostatic powder coated hot dip galvanized or Ø40mm stainless steel (opt. Ø38, Ø42 and Ø45mm) arms.

Power Requirements

110/220-240 V. 60/50Hz. AC (%±10) 24V. DC at standby ~8W. max. ~20W.

Control System

All inputs are opto-coupler protected. Compatible with all access control systems that provide dry contact or grounding outputs. Optional RS232/RS485/TCP IP control module is available.

Flow Rate

Capacity of mechanism (manual) : Max. 60 pass/min. **Nominal** : ~18 pass/min.

Capacity of mechanism (motorized) : Max. 48 pass/min. **Nominal** : ~15 pass/min.

*Utilisation of different access control units can change the flow rate.

Emergency Mode

System allows free passage in emergency mode and in case of power failure.

Operation Temperature, Humidity, IP Rating

-20°C to + 68°C (Opt. -50°C with heater unit), RH 95% non-condensing / IP 56 outdoor model (opt. IP 66)

Operation

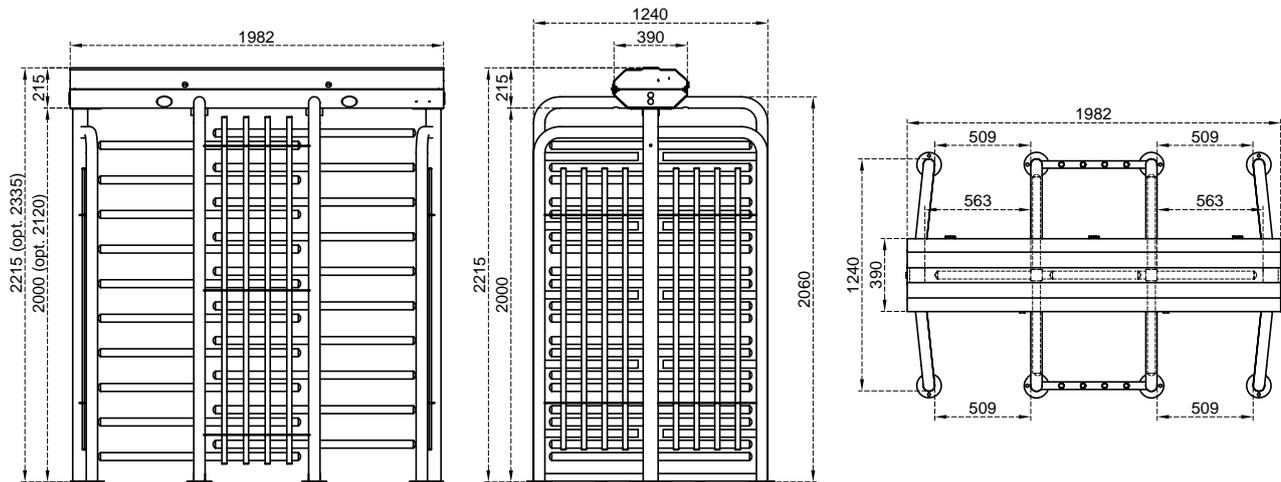
Manually operated bi-directional system (optional motorized) with dip switch selectable operational modes including controlled access on both sides, one side free (exit or entry) and other side controlled access and access restriction modes.

Optional Accessories and Applications

Remote control units, interface unit for PC, RS485, RS232 and LAN, counter, audio-messaging system, bottom plate, coin slot/intelligent coin system and coin box, card reader pole, seat limiter for stadium solutions, animated indicators, internal battery and charge unit, motor driven unit, heater positive unit, separators, canopy, card reader mounting bracket, special illumination adaptation.



Dimensions (mm)



Technical Features

304-grade (opt. 316-grade) brushed finished stainless steel, electrostatic painted surface or mixed combination versions. (opt. hot dip galvanizing under coating for outdoor models). Complying to UK H&S regulations of max. 98 mm gap between upright profiles.

Body Features

Top lid is equipped with damper for safety and service convenience.

Optional intelligent illumination system provides energy saving feature (illuminating automatically in darkness/at night and optionally can run parallel with site illumination).

Arm Features

A pair of four-section (90°) rotors. Each section contains ten Ø42mmx2.5mm electrostatic powder coated hot dip galvanized or Ø40mm stainless steel (opt. Ø38, Ø42 and Ø45mm) arms.

Power Requirements

110/220-240 V. 60/50Hz. AC (%±10) 24V. DC, at standby ~8W. + ~8W. max. ~20W. + ~20W.

Control System

All inputs are opto-coupler protected. Compatible with all access control systems that provide dry contact or grounding outputs. Optional RS232/RS485/TCP IP control module is available.

Flow Rate

Capacity of mechanism (manual) Max. 60 + 60 pass/min. **Nominal** : ~18 + ~18 pass/min.

Capacity of mechanism (motorized) : Max. 48 + 48 pass/min. **Nominal** : ~15 + ~15 pass/min.

*Utilisation of different access control units can change the flow rate.

Emergency Mode

System allows free passage in emergency mode and in case of power failure.

Operation Temperature, Humidity, IP Rating

-20°C to + 68°C (opt. -50°C with heater unit), RH 95% non-condensing / IP 56 outdoor model (opt. IP 66).

Operation

Manually operated bi-directional system (optional motorized) with dip switch selectable operational modes including controlled access on both sides, one side free (exit or entry) and other side controlled access and access restriction modes.

Optional Accessories and Applications

Remote control units, interface unit for PC, RS485, RS232 and LAN, counter, audio-messaging system, bottom plate, coin slot/intelligent coin system and coin box, card reader pole, seat limiter for stadium solutions, animated indicators, internal battery and charge unit, motor driven unit, heater positive unit, separators, canopy, card reader mounting bracket, special illumination adaptation.



ULDUZLAR ARENASI SIZI SALAMLAYIR!

RANCE

RİŞ

PUBLIC ENT

ÜMUMİ C



T1000 arena

ULDUZLAR ARENASI SIZI SALAMLAYIR!

ULDUZLAR ARENASI SIZI SALAMLAYIR!

ULDUZLAR ARENASI SIZI SALAMLAYIR!

ANCE
giriş

PUBLIC ENTRANCE
KUMULI GİRİŞ

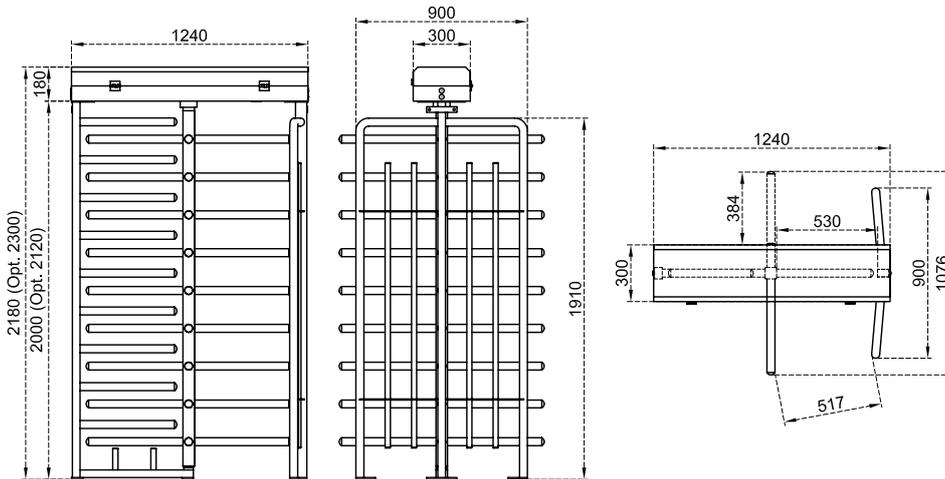
ANCE
giriş

ANCE
giriş

ECOLINE 400



Dimensions (mm)

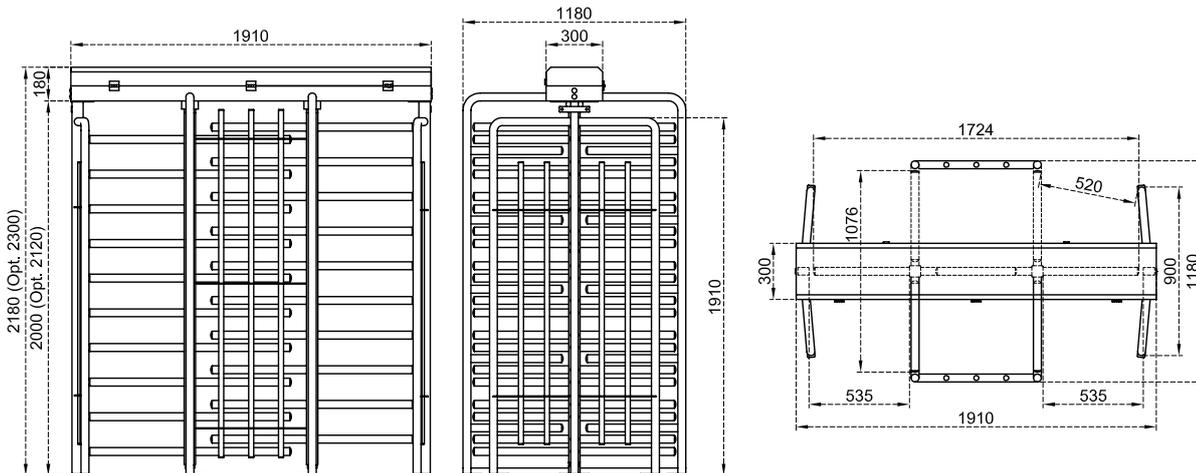


Technical Features

Body Features	304-grade (opt. 316-grade) brushed finished stainless steel, electrostatic painted surface or mixed combination versions. (opt. hot dip galvanizing under coating for outdoor models) with down light.
Arm Features	Four-section rotor (90°). Each section contains nine Ø42mmx2.5mm electrostatic powder coated hot dip galvanized or Ø40mm stainless steel (opt. Ø38, Ø42 and Ø45mm) arms.
Power Requirements	110/220-240 V. 60/50Hz. AC (%±10) 24V. DC at standby ~3W. max. ~15W.
Control System	All inputs are opto-coupler protected. Compatible with all access control systems that provide dry contact or grounding outputs. Optional RS232/RS485/TCP IP control module is available.
Flow Rate	Capacity of mechanism (manual) : Max. 60 pass/min. Nominal : ~18 pass/min. Capacity of mechanism (motorized) : Max. 48 pass/min. Nominal : ~15 pass/min. *Utilisation of different access control units can change the flow rate.
Emergency Mode	System allows free passage in emergency mode and in case of power failure.
Operation Temperature, Humidity, IP Rating	-20°C to + 68°C (Opt. -50°C with heater unit), RH 95% non-condensing / IP 56 outdoor model (opt. IP 66).
Operation	Manually operated bi-directional system (optional motorized) with dip switch selectable operational modes including controlled access on both sides, one side free (exit or entry) and other side controlled access and access restriction modes.
Optional Accessories and Applications	LED direction and status indicators, remote control units, interface unit for PC, RS485, RS232 and LAN, counter, audio-messaging system, floor mounting plate, coin slot/intelligent coin system and coin box, card reader pole, seat limiter for stadium solutions, animated indicators, internal battery and charge unit, motor driven unit, heater positive unit, separators, card reader mounting bracket.



Dimensions (mm)



Technical Features

Body Features	304-grade (opt. 316-grade) brushed finished stainless steel, electrostatic painted surface or mixed combination options. (opt. hot dip galvanizing under coating for outdoor models) with down light.
Arm Features	A pair of four-section (90°) rotors. Each section contains ten Ø42mmx2.5mm electrostatic powder coated hot dip galvanized or Ø40mm stainless steel (Opt. Ø38, Ø42 and Ø45mm) arms.
Power Requirements	110/220-240 V. 60/50Hz. AC (%±10) 24V. DC at standby ~3W + ~3W. max. ~15W + ~15W
Control System	All inputs are opto-coupler protected. Compatible with all access control systems that provide dry contact or grounding outputs. Optional RS232/RS485/TCP IP control module is available.
Flow Rate	Capacity of mechanism (manual) : Max. 60 + 60 pass/min. Nominal : ~18 + ~18 pass/min. Capacity of mechanism (motorized) : Max. 48 + 48 pass/min. Nominal : ~15 + ~15 pass/min. *Utilisation of different access control units can change the flow rate.
Emergency Mode	System allows free passage in emergency mode and in case of power failure.
Operation Temperature, Humidity, IP Rating	-20°C to + 68°C (opt. -50°C with heater unit), RH 95% non-condensing / IP 56 outdoor model (opt. IP 66).
Operation	Manually operated bi-directional system (optional motorized) with dip switch selectable operational modes including controlled access on both sides, one side free (exit or entry) and other side controlled access and access restriction modes.
Optional Accessories and Applications	LED direction and status indicators, remote control units, interface unit for PC, RS485, RS232 and LAN, counter, audio-messaging system, bottom plate, coin slot/intelligent coin system and coin box, card reader pole, seat limiter for stadium solutions, animated indicators, internal battery and charge unit, motor driven unit, heater positive unit, separators, card reader mounting bracket.

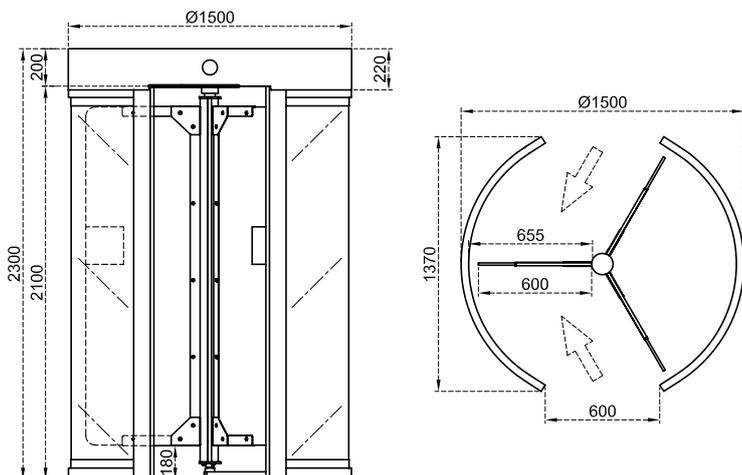


92	GLASS & HIGH SECURITY SERIES
92	BT 302 GL
93	BT 402 GL
95	BT 400 GL
96	CGG - SQ - AIR
98	CGG - R - AIR
102	CGC 100
103	CGG 100

BT 302 GL



Dimensions (mm)



Technical Features

Body Features

The main frame structure is made of 304 grade stainless steel with 4+4 mm laminated glass side walls. Water resistant top cover with matching stainless steel frame around. Service and maintenance from the ceiling of cabin.

Wing Features

Three-section rotor (120°). Each section comprises 12 mm tempered (opt. 6+6mm laminated) glass revolving wings.

Power Requirements

110/220-240 V. 60/50Hz. AC (%±10) 24V. DC at standby ~8W. max. ~20W.

Control System

All inputs are opto-coupler protected. Controlled by dry contact or grounding input. Compatible with all access control systems that provide dry contact or grounding outputs. Optional RS232/RS485/TCP IP control module is available.

Flow Rate

Capacity of mechanism (manual) : Max. 60 pass/min. **Nominal** : ~18 pass/min.
Capacity of mechanism (motorized) : Max. 48 pass/min. **Nominal** : ~15 pass/min.
 *Utilisation of different access control units can change the flow rate.

Emergency Mode

System allows free passage in emergency mode and in case of power failure.

Operation Temperature, Humidity, IP Rating

-20°C to +68°C (opt. -50°C with heater unit), RH 95% non-condensing / IP 56 outdoor model (opt. IP 66).

Operation

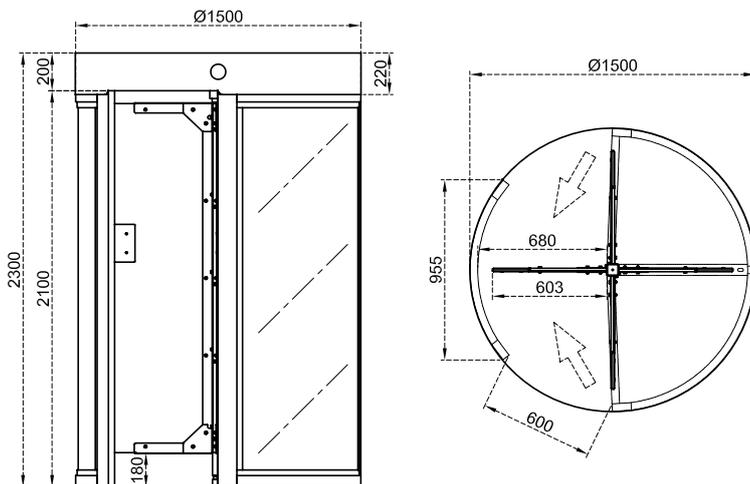
Manually operated bi-directional system (optional motorized) with dip switch selectable operational modes including controlled access on both sides, one side free (exit or entry) and other side controlled access and access restriction modes.

Optional Accessories and Applications

Remote control units, interface unit for PC, RS485, RS232 and LAN, counter, audio-messaging system, bottom plate, card reader pole, animated indicators, internal battery and charge unit, heater positive unit, separators, card reader mounting bracket, photocell sensors for preventing unauthorized passage.



Dimensions (mm)



Technical Features

Body Features	The main frame structure is made of 304 grade stainless steel with 4+4 mm laminated glass side walls. Water resistant top cover with matching stainless steel frame around. Service and maintenance from the ceiling of cabin.
Wing Features	Three-section rotor (90°). Each section comprises 12 mm tempered (opt. 6+6mm laminated) glass revolving wings.
Power Requirements	110/220-240 V. 60/50Hz. AC (%±10) 24V. DC at standby ~8W. max. ~20W
Control System	All inputs are opto-coupler protected. Controlled by dry contact or grounding input. Compatible with all access control systems that provide dry contact or grounding outputs. Optional RS232/RS485/TCP IP control module is available.
Flow Rate	Capacity of mechanism (manual) : Max. 60 pass/min. Nominal : ~18 pass/min. Capacity of mechanism (motorized) : Max. 48 pass/min. Nominal : ~15 pass/min. *Utilisation of different access control units can change the flow rate.
Emergency Mode	System allows free passage in emergency mode and in case of power failure.
Operation Temperature, Humidity, IP Rating	-20°C to +68°C (opt. -50°C with heater unit), RH 95% non-condensing / IP 56 outdoor model (opt. IP 66)
Operation	Manually operated bi-directional system (optional motorized) with dip switch selectable operational modes including controlled access on both sides, one side free (exit or entry) and other side controlled access and access restriction modes.
Optional Accessories and Applications	Remote control units, interface unit for PC, RS485, RS232 and LAN, counter, audio-messaging system, bottom plate, card reader pole, animated indicators, internal battery and charge unit, heater positive unit, separators, card reader mounting bracket, photocell sensors for preventing unauthorized passage.

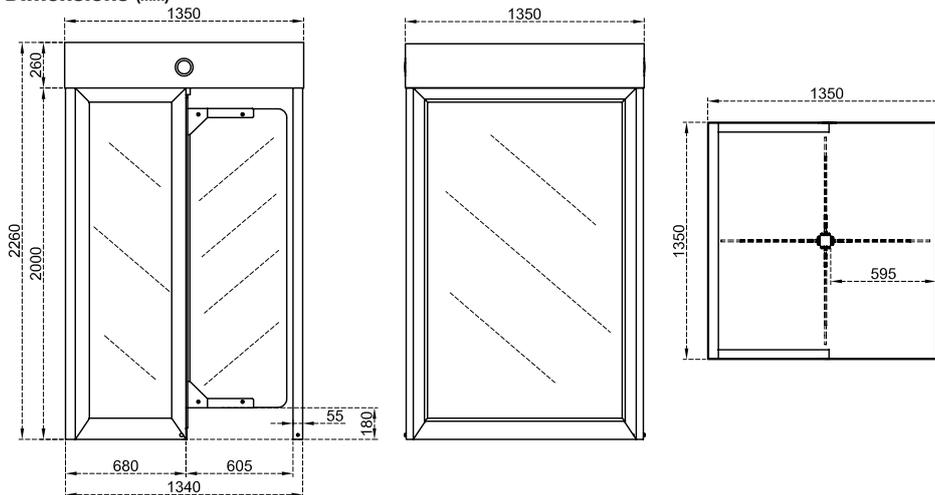


الأحوال المدنية

1
2
3
4
5
6
7
8
9
0
*
#



Dimensions (mm)



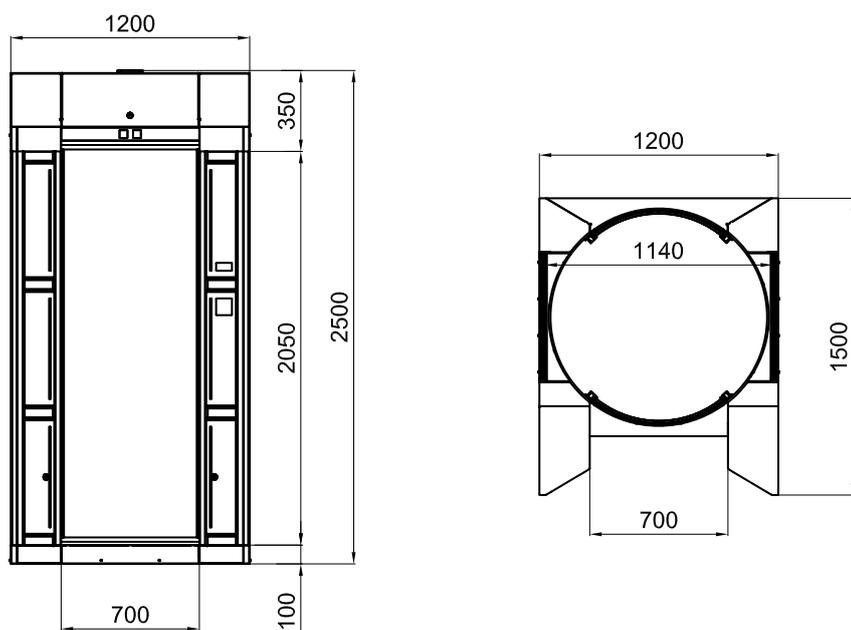
Technical Features

Body Features	The main supporting structure is made of 304 grade stainless steel with tempered glass side walls. Water resistant top cover with matching frame around.
Wing Features	Four-section rotor (90°). Each section comprises of 10mm tempered glass revolving wings.
Power Requirements	110/220-240 V. 60/50Hz. AC (%±10) 24V. DC at standby ~8W. max. ~20W
Control System	All inputs are opto-coupler protected. Controlled by dry contact or grounding input. Compatible with all access control systems that provide dry contact or grounding outputs. Optional RS232/RS485/TCP IP control module is available.
Flow Rate	Capacity of mechanism (manual) : Max. 60 pass/min. Nominal : ~18 pass/min. Capacity of mechanism (motorized) : Max. 48 pass/min. Nominal : ~15 pass/min. *Utilisation of different access control units can change the flow rate.
Emergency Mode	System allows free passage in emergency mode and in case of power failure.
Operation Temperature, Humidity, IP Rating	-20°C to +68°C (opt. -50°C with heater unit), RH 95% non-condensing / IP 56 outdoor model (opt. IP 66).
Operation	Motorized bi-directional system (optional Manual) with dip switch selectable operational modes including controlled access on both sides, one side free (exit or entry) and other side controlled access and access restriction modes.
Optional Accessories and Applications	Remote control units, interface unit for PC, RS485, RS232 and LAN, counter, audio-messaging system, bottom plate, coin slot/ intelligent coin system and coin box, card reader pole, seat limiter for stadium solutions, animated indicators, internal battery and charge unit, heater positive unit, separators, card reader mounted bracket, down light.

CGG - SQ - AIR



Dimensions (mm)

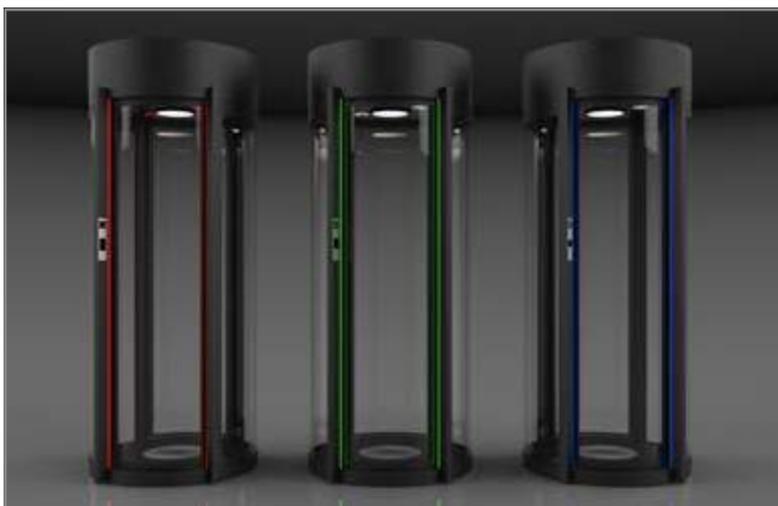


Technical Features

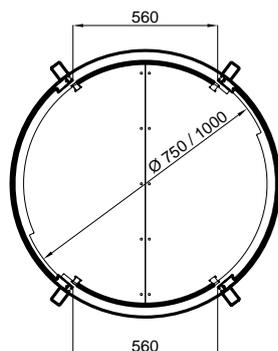
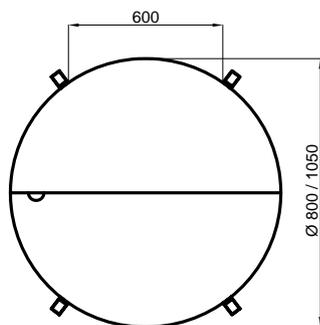
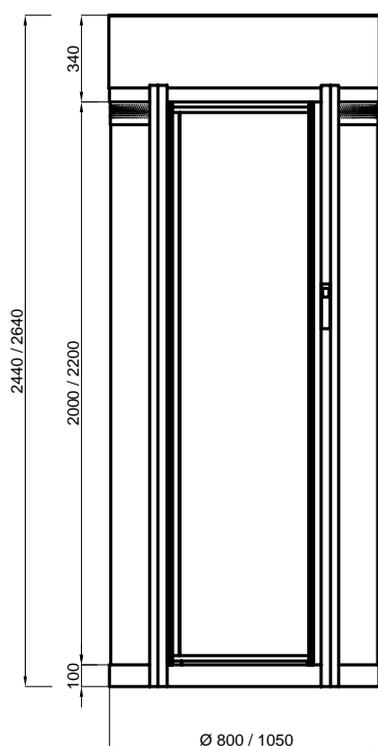
Body Features	Electrostatic powder coated steel.
Rotating Doors	4+4mm laminated glass, curved.
Indicators and Signalization	Contains animated DOT MATRIX indicators on vertical beams in addition to LED strips on both door beams on each side which determines passage status of the gate. Gate interiors are equipped with LED status indicators on the ceiling.
Power Requirements	110/220 V (% ± 10) AC – 60/50 Hz., Switch Mode Power Supply 24 V DC. Stand-by: ~29 W, passage: ~190 W.
Flow Rate	5 - 6 persons/min. (single way traffic), 7 - 8 persons/min. (double way traffic), *Application of different access control procedures can change the flow rate.
Control System	Can be controlled by dry contact (ground control). Compatible with all access control systems (barcode and card readers, biometric verification devices etc) that provide dry contact or grounding outputs. Optionally can be controlled with RS232, RS485 or LAN (network).

Operation Temperature / Humidity / IP Rating	(-20°C) – (+68°C) (opt:- 50°C with heater positive) , RH 95% (±2%) non-condensing), IP 44.
Operation System	<p>Bidirectional (in & out), motorized.</p> <p>Gate normally in closed position, provides access to the desired direction upon authorization from the access control device (3rd party product). Optionally a 2nd level access control for the person inside can be integrated for the person in the gate.</p> <p>Gate is equipped with reflective infrared sensors for detecting presence of the person in the passage area.</p> <p>In case passage fails to be completed for any reason, the person is always returned to his entry direction.</p> <p>In case an unauthorized person attempts to enter into the gate when another person exits completing his access, system locks and returns the unauthorized person to his entry direction.</p> <p>System contains special design and CE certified solenoids which do not heat up more than max. 10°C of -%100 ED environment temperature.</p>
Emergency Mode and Power-off Situation	<p>In case of fire or other emergency signal; both doors open automatically to provide rapid evacuation (fail safe).</p> <p>In case of an emergency situation during passage; person inside can open the door (at his entry direction) to exit by the emergency push button located in the passage area.</p> <p>In case of power failure; both doors open automatically (fail safe), locked status of doors (fail secure) is optionally available.</p>
Safety	<p>Pneumatic soft pressure sensors on moving doors, in addition to the pneumatic sensors, moving doors contain electronic torque control.</p>
Security Packages (optional)	<p>System provides continuous static and fresh air circulation inside the gate.</p> <ul style="list-style-type: none"> - Load cell weight sensor on gate floor standard, multi point load cell area control optional, - Installation of ground or ceiling mounted card reader/authorization device bracket for 2nd level access control application (for 3rd party device), - Secure Pass 3D Camera Detector for detection of unauthorized person entry and counting number of persons independently entering and exiting (it is possible to detect number of people inside and to prevent unauthorized passage by entering persons counter), - Secure passage lane (rail lane) application (requires project based consultation), - Active standing area, - Inactive standing area.
Cleaning-Maintenance Function	<p>Gate is furnished by a programmable key switch button on one side of the gate adjacent to the door.</p> <p>This button is programmable for the function desired by the user and set as default for opening one door for cleaning-maintenance or other purpose.</p> <p>Optionally, by activating the button;</p> <ul style="list-style-type: none"> - the door on the same side opens and both doors become free to rotate manually for easy cleaning, or - can be programmed for various requests (i.e. manually evacuation of the person inside, unlocking of 1st or 2nd door, etc.)
Optional Accessories and Features	<p>Security packages, alternative color options, fail secure mode for emergency situation, metal detector, intercom unit, heater positive, RS232/RS485/LAN (network) control, bullet proof glass, easy installation and adjustable raised floor mounting apparatus, alternative body and door materials, floor control system (load cell) and other units.</p>

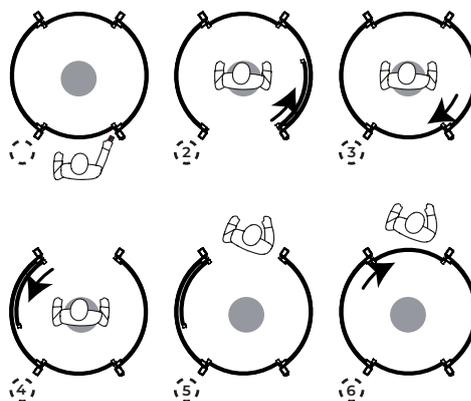
CGG - R - AIR



Dimensions (mm)



AUTHORISED ACCESS



EMERGENCY MODE (Mass Evacuation)



Technical Features

Body Features

Cylinder shaped, consisting of resistant to breaking 4mm+4mm transparent laminated rounded glass walls and electrostatic powder coated steel sheets and beams (optionally in preferred RAL color).

Passage area contains LED illumination and fresh air ventilation supplying continuous fresh air.

Rotating Doors

4mm+4mm transparent laminated rounded glass doors for entry and exit rotating independent from each other with a circular motion and driven by motor.

Doors in locked status, are structured not be opened in case they are forced to open with unauthorised attempts.

Indicators and Signalization

Contains animated DOT MATRIX indicators on vertical beams in addition to LED strips on both door beams on each side which determines passage status of the gate.

Gate interiors are equipped with LED status indicators on the ceiling.

Power Requirements

110/220 V – 60/50 Hz. AC (% ± 10), 24 V DC by switch mode power supply (SMPS) and filtered.

Stand-by: ~14 W, in-operation/max. ~130 W.

Flow Rate	~5 passages/min. *Application of different access control procedures can change the flow rate.
Control System	Can be controlled by dry contact (ground control). Compatible with all access control systems (barcode and card readers, biometric verification devices etc) that provide dry contact or grounding outputs. Optionally can be controlled with RS232, RS485 or LAN (network).
Operation Temperature, Humidity, IP Rating	(-20°C) – (+68°C) (opt:- 50°C with heater positive) , RH 95% (±2%) (non-condensing) , IP 44 - indoor.
Operation	Bidirectional (in & out), motorized. Gate is normally in closed position, provides access to the desired direction upon authorization from the access control device (3rd party product). Optionally a 2nd level access control for the person inside can be integrated for the person in the gate. Gate is equipped with reflective infrared sensors for detecting presence of the person in the passage area. In case passage fails to be completed for any reason, the person is always returned to his entry direction. In case an unauthorized person attempts to enter into the gate when another person exits completing his access, system locks and returns the unauthorized person to his entry direction. System contains special design and CE certified solenoid switch that do not heat up more than max. 10°C of -%100 ED environment temperature. In case of fire or other emergency signal; both doors open automatically to provide rapid evacuation (fail safe).
Emergency Mode and Power-off Situation	In case of an emergency situation during passage; person inside can open the door (at his entry direction) to exit by the emergency push button located on the ceiling of passage area. In case of power failure; both doors open automatically (fail safe), locked status of doors (fail secure) is optionally available.
Safety	Pneumatic soft pressure sensors on moving doors, in addition to the pneumatic sensors, moving doors contain electronic torque control. System provides continuous static and fresh air circulation inside the gate.
Security Packages (optional)	- Load cell weight sensor on gate floor standard, multi point load cell area control optional, - Installation of ground or ceiling mounted card reader/authorization device bracket for 2nd level access control application (for 3rd party device), - Secure Pass 3D Camera Detector for detection of unauthorized person entry and counting number of persons independently entering and exiting (it is possible to detect number of people inside and to prevent unauthorized passage by entering persons counter), - Secure passage lane (rail lane) application (requires project based consultation), - Active standing area, - Inactive standing area.
Cleaning - Maintenance Function	Gate is furnished by a programmable key switch button on one side of the gate adjacent to the door. This button is programmable for the function desired by the user and set as default for opening one door for cleaning-maintenance or other purpose. Optionally, by activating the button; - the door on the same side opens and both doors become free to rotate manually for easy cleaning, or - can be programmed for various requests (i.e. manually evacuation of the person inside, unlocking of 1st or 2nd door, etc.)
Optional Accessories and Features	Security packages, alternative color options, fail secure mode for emergency situation, RS232/RS485/LAN (network) control, intercom unit, heater positive, bullet proof glass, easy installation and adjustable raised floor mounting apparatus, alternative body and door materials, floor control system (load cell) and other units.



Halka İçi Açılış: 07.00
Kapanış: 23.00

Halka Sesi Açılış: 08.00
Kapanış: 21.00

KAPİYİ
AÇMAK İÇİN

1. KAT
2. KAT
3. KAT
4. KAT
5. KAT

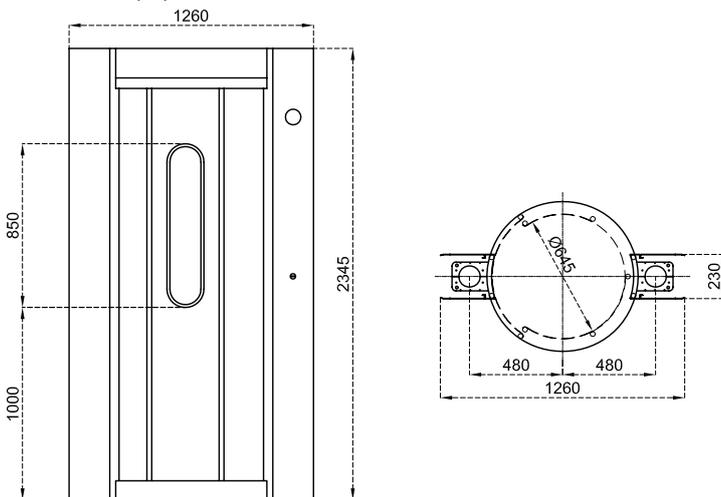




CGC 100

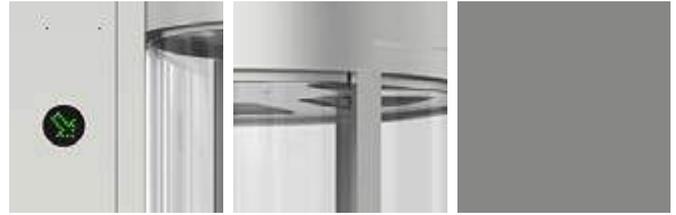
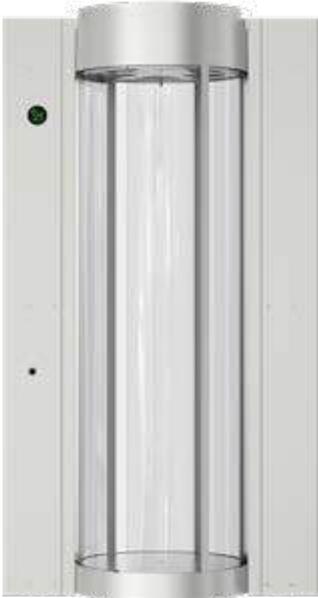


Dimensions (mm)

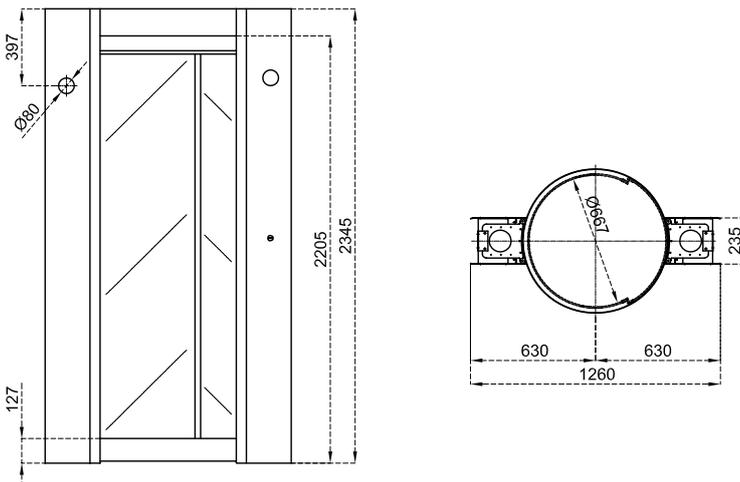


Technical Features

Body Features	Cylindrical shaped, 1,5 mm thick, 304 grade stainless steel Control unit is located above the ceiling panel on top cabinet. Interior-motor-driven rotating cylindrical cabinet provides controlled by directional access.
Power Requirements	110/220-240 V. 60/50Hz. AC (%±10) 24V. DC at standby ~14 W. max. ~130 W
Control System	All inputs are opto-coupler protected. Controlled by dry contact or grounding input. Compatible with all access control systems that provide dry contact or grounding outputs. Optional RS232/RS485/TCP IP control module is available.
Flow Rate	Capacity of mechanism: ~2 passages/minute; Nominal: ~2 passages/minute (recommended reference figure). *Utilisation of different access control units can change the flow rate.
Operation Temperature, Humidity, IP Rating	-20°C to +68°C / RH 95% non-condensing / IP 44 indoor model.
Operation	Electronically controlled DC motor driven bi-directional system for access control in high security installations.
Optional Accessories and Applications	Weight sensor.



Dimensions (mm)



Technical Features

Body Features	<p>Cylindrical shaped, 1,5 mm thick, 304-grade stainless steel.</p> <p>Exterior-fixed access doors located between the supporting structure and the wall.</p> <p>Control unit is located above the ceiling panel on top cabinet.</p> <p>Interior-motor-driven rotating cylindrical cabinet provides control by directional access.</p>
Power Requirements	110/220-240 V. 60/50Hz. AC (%±10) 24V. DC at standby ~14 W. max. ~130 W.
Control System	All inputs are opto-coupler protected. Controlled by dry contact or grounding input. Compatible with all access control systems that provide dry contact or grounding outputs. Optional RS232/RS485/TCP IP control module is available.
Flow Rate	<p>Capacity of mechanism: ~2 passages/minute;</p> <p>Nominal: ~2 passages/minute (recommended reference figure).</p> <p>*Utilisation of different access control units can change the flow rate.</p>
Operation Temperature, Humidity, IP Rating	-20°C to +68°C / RH 95% non-condensing / IP 44 indoor model.
Optional Accessories and Applications	Weight sensor, bullet-proof glass.



107
107

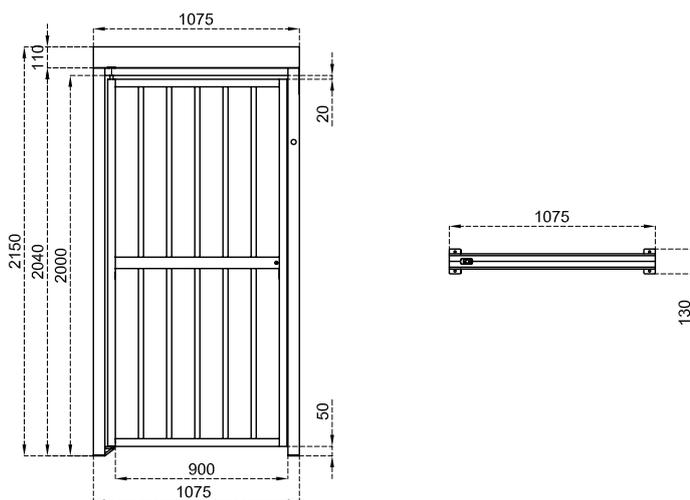
PEDESTRIAN GATE
PEDESTRIAN GATE

CAME  **ÖZAK**



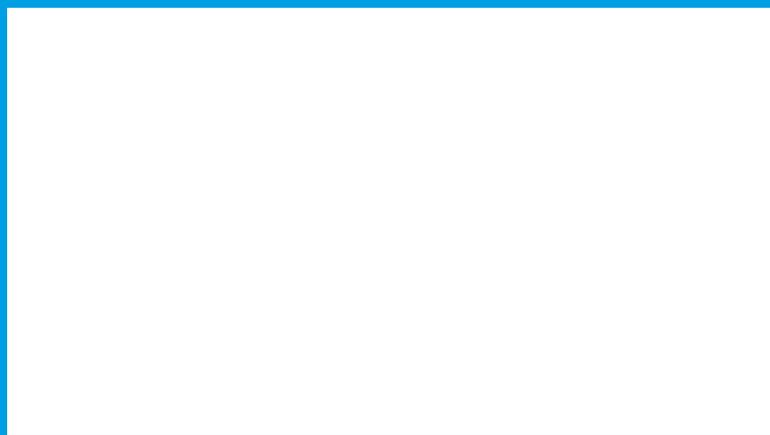
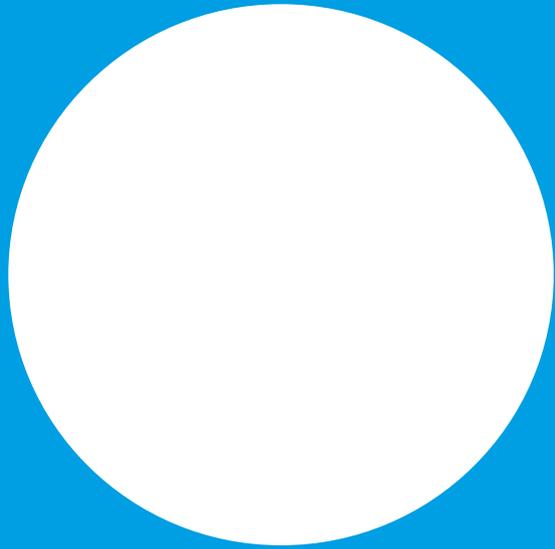
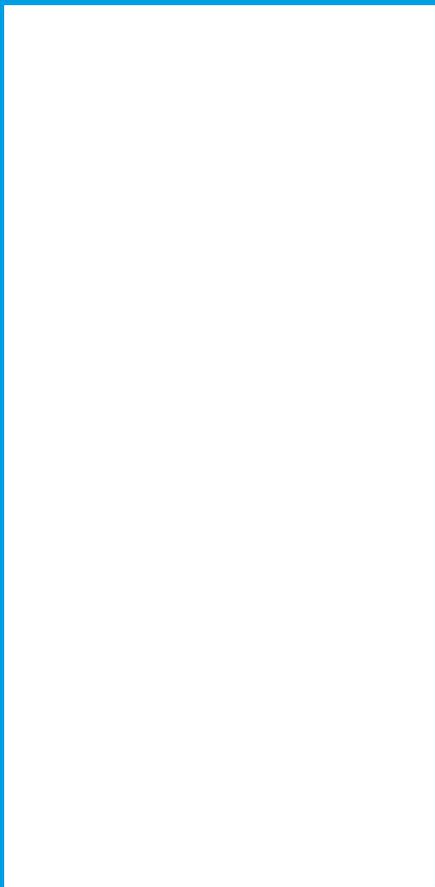


Dimensions (mm)



Technical Features

Body Features	All parts of the construction are powder coated galvanised mild steel or 304-grade stainless steel, protected against water for outdoor use. Passage width: 900 mm. Complying to UK H&S regulations of max. 98 mm gap between upright profiles.
Wing	40 x 40 x 2 mm frame with $\varnothing 27 \times 2$ mm upright bars and 40 x 60 x 2 mm horizontal center profile.
Power Requirements	24V DC. at standby 360 mA, at operation 900 mA.
Control System	Controlled by dry contact or grounding input. Compatible with all access control systems that provide dry contact or grounding outputs. Optional RS232/RS485/TCP IP control module is available.
IP Rating	IP 56
Optional Accessories and Applications	Electromagnetic lock with alert buzzer, green - red status indicators, automatic door closer, dead-bolt-lock, installation panels for various applications. Capability of using as emergency exit gate after adaptation.



110
110

MOVABLE TURNSTILES
CABIN FOR TURNSTILES

CAME  **ÖZAK**

CABIN FOR TURNSTILES



Construction Sites

Activities

Concerts

Festivals

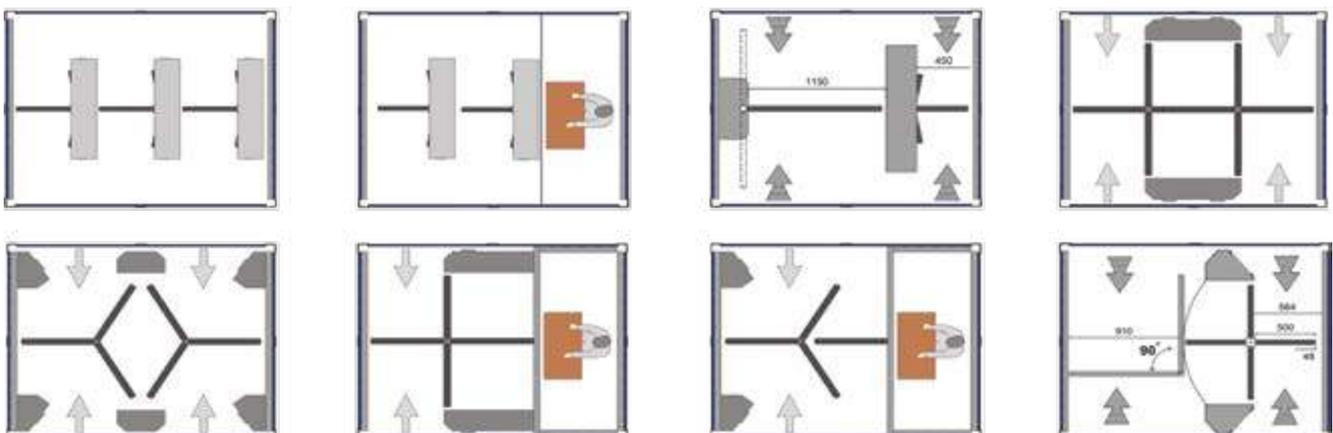
Events

Stadiums



Technical Features

Dimensions	2240 x 1870 x 2550 mm (2250 x 2170 x 2750 mm roller shutter)(Optional dimensions are available).
Body Features	45 - 50 mm composite panel (Optional materials are available).
Standard Features	3 mm bottom chassis + roof with 4 rain gutters + all construction electrostatic coated over hot dip galvanization.
Mobility	Can be lifted and moved from the top by crane. Can be lifted and moved from the bottom by forklift or pallet truck.
Accessories	LED daylight interior illumination, room: data + phone line + (110/220V) plug and 2 shelves, top shutter opening upwards (wing), ramp for wheelchair access, illuminated advertisement billboard, access console.



*Design and specifications are subject to change without notice.

ACCESSORIES



Automatic Drop (retractable) Arm



Manual Controls



Counter



Coin Mechanism



Illumination



Card Reader Mounting Poles



Card Reader Mounting Brackets



CUSTOMISATIONS



CAME  **ÖZAK**



CAME AMERICAS AUTOMATION, LLC
5863 NW 159th Street- Miami Lakes, FL 33014 USA
T +1 (305).433.3307 F +1 (305).396.3331
marketingamericas@came.com

CAME.COM