

# PASSENGER ACCESS CONTROL SOLUTIONS

PUBLIC TRANSPORTATION,  
AIRPORTS & IMMIGRATION



**easier**

And the world turns faster

**AS** AUTOMATIC  
SYSTEMS

**VER**



## TGH TRANSPORT GATE HIGH-SECURITY



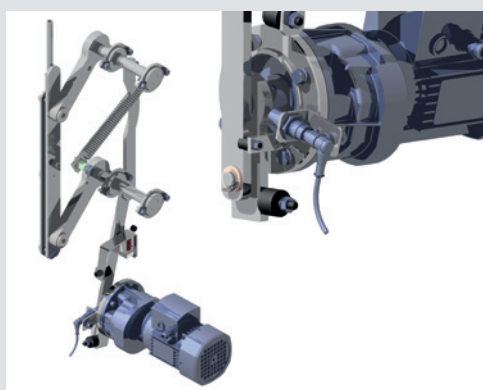
Stockholm metro



Milan metro

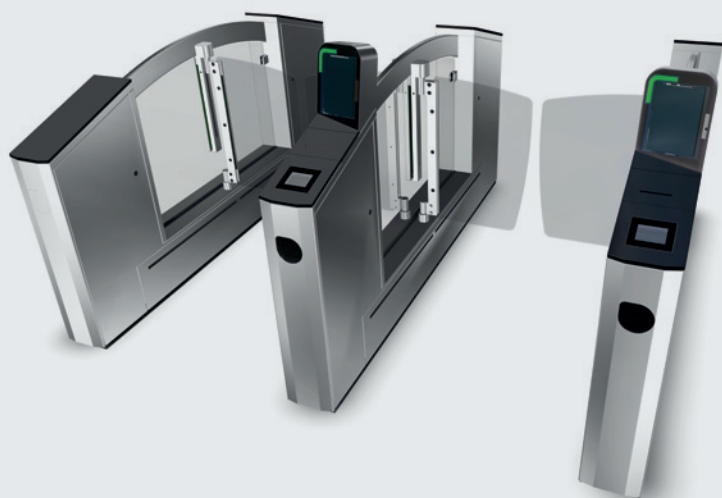
### DESCRIPTION

- Highly rigid self-supporting welded mechanical steel central frame
- Housing in brushed 304L stainless steel. The panels are closed by flush-mounted security locks
- Clear Securit® glass obstacles “railway type” 12 mm thick, with a standard height off the ground of 1800 mm
- Anti-intrusion obstacles
- DIRAS: carry out the checking of the passage of users through the walkway and antifraud control
- Safety photocells: ensure the safe passage of users between the moving obstacles
- Each housing is fixed to the floor with an adjustable painted steel base making it possible to significantly ease installation via level corrections
- Logic and motorisation including:
  - Programmable control unit
  - Motorisation carried out by an asynchronous motor managed by a speed controller variator based on an inductive check of the position of the obstacles



### RELIABILITY AND COST OF OWNERSHIP

- Highly reliable gates, designed to cope with peak hour heavy traffic
- A global MCBF of over 4 million cycles
- 45 year experience, 90 million daily users and 20 000 automatic transport gates installed worldwide
- World leader for the supply of transport speed gates (IMS source)



Montparnasse TGV station

## DESCRIPTION

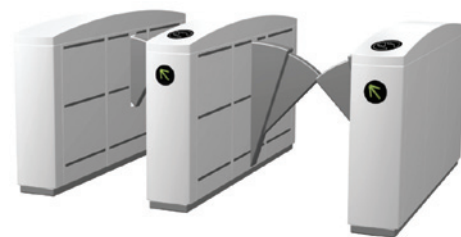
- Highly rigid self-supporting welded mechanical steel central frame
- Housing in brushed 304L stainless steel: panels are closed by flush-mounted security locks
- Clear Securit® glass obstacles "railway type" 12 mm thick
- A user friendly design
- DIRAS: carry out the checking of the passage of users through the walkway and antifraud control
- Safety photocells: ensure the safe passage of users between the moving obstacles
- Each housing is fixed to the floor with an adjustable painted steel base making it possible to significantly ease installation via level corrections
- Logic and motorisation including:
  - Programmable control unit
  - Brushless motorisation



## TGF 820 - TGF 880 FLAP GATE

Range of equipment for the control of travellers (also with reduced mobility) in public transport networks. Their main features are:

- 2 widths of passage : 500 to 600 mm and 800 to 900 mm (telescopic flaps)
- Comfortable
- Performing detection with increased users' safety
- Throughput between 40 and 60 passengers/minute depending on the reader
- Retractable flaps
- Easy and ergonomic integration of all types of reader : magnetic, contactless, barcode, biometric,...



## TGT 850 TRIPOD TURNSTILE

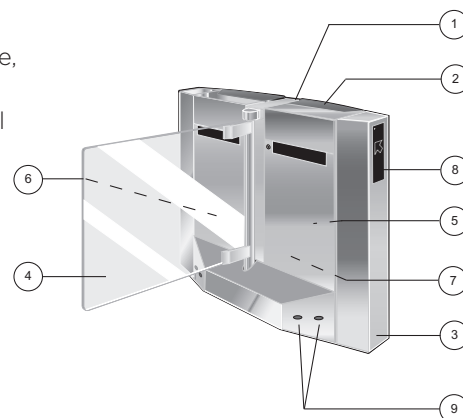
Equipment designed for the control of travellers in public transport networks. Its main features are:

- Small footprint
- Width of passage up to 600 mm
- Falling arm (TGT 851) allowing passage in case of emergency
- Throughput between 6 and 12 persons/minute depending on the type of reader
- Easy and ergonomic integration of all types of reader : magnetic, contactless, barcode, biometric,...
- Withstands outdoor installation (under canopy)
- Additional high automatic door behind the turnstile possible



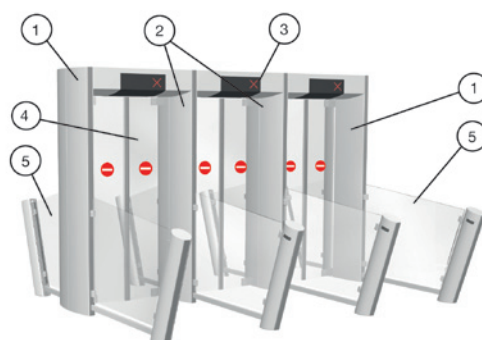
## PMD 335 REDUCED MOBILITY COMPLIANT SWING GATE

- 1 High rigidity self-supporting frame, integrating an electromechanical drive, users' passage safety sensors and electronic control units
- 2 Lateral panels on the side opposite to the obstacle made of painted steel
- 3 Front and rear end sections made of 1,5 mm thick brushed finish AISI 304L stainless steel sheet
- 4 Obstacle made of 12 mm thick clear tempered safety glass
- 5 Brushed finish AISI 304 stainless steel doors
- 6 Electromechanical assembly
- 7 Programmable control logic ensuring the motor operation
- 8 User orientation pictogram
- 9 Protection cells



## PAS 760 EXIT ONLY DOOR

- 1 Vertical post (right and left columns) for a single or an inline installation
- 2 One or several vertical secondary columns for inline installation or between walls
- 3 Lintel houses the mechanism which opens and closes the doors (rod and crankshaft device), control board, detectors, safety cells as well as pictograms. It is housed in a stainless steel body with tinted polycarbonate windows
- 4 Two swinging doors closing in a V towards the exit
- 5 Side panels are necessary on the exit side and recommended on the entry side in order to guide the user under the detectors







Abu Dhabi  
International Airport  
UAE



Paris Airport

### BORDER CONTROL SYSTEM BIOMETRIC

- Passport check
- Passport check Biometric watching system
- Passport check Secured crossing border process

### AUTOMATIC SYSTEMS DETECTION & ANALYSIS SOLUTION (ASDAS)

ASDAS ensures single passage detection, essential to the automation of border and building entrance control, thus increasing throughput.

#### DETECTION

- Adults, children and people with disabilities, pushing or carrying any type of luggage or trolleys
- Able to detect the difference between an adult pulling a piece of luggage and an adult accompanying a child
- Piggybacking: side-by-side and tailgating detection



Side profile detection



Front profile detection



# AUTOMATIC SYSTEMS WORLD REFERENCES

MORE THAN 20.000 TRANSPORT GATES INSTALLED FOR AIR & PUBLIC TRANSPORT.



## BENEFITS

- Secure all restricted areas (passengers...)
- Eliminate most passenger frauds and organise passenger flow
- Fast increase of operators revenue
- Low cost of ownership, low maintenance

## MARKETS

- Mass transit systems
- All ground / underground transportation
- Docks and sea transportation
- Airport access control

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