

TRANSPORT SWING GATE



EASIER's TGS combines a minimal footprint and a high bidirectional flow of passages with high levels of security, without compromising user's safety.

easier
PUBLIC TRANSPORT

DESCRIPTION

EASIER's TGS is a robust and highly customizable swinging gate, ensuring rapid, efficient, and safe pedestrian control for access and boarding.

With features including an exclusive powerful detection system called DIRAS™ (Automatic Systems Infrared Detection), the TGS provides best-in-class detection level currently on the market against fraudulent passages while guaranteeing the user's safety.

The TGS is a modular product that can be installed in single or multiple lanes, with different passage widths ensuring easy access for people with reduced mobility, wheelchairs, trolleys, and large objects.

A typical bank of lanes will be composed of one right unit, one left unit, with additional intermediate units equipped with mobile obstacles on both sides.

KEY FEATURES

- Bidirectional with different modes configurable by software: "Controlled", "Free" or "Forbidden" in each direction independently
- Highly modular design to adapt to customer needs and local normative and regulatory constraints (CE, ADA, UL...)
- Mobile obstacles in 10 mm thick clear railway-quality tempered safety glass, retracting completely into the housing to prevent any safety issue for the user
- Patented DIRAS® detection system, consisting of a high-density network of infrared transmitter/receiver photoelectric cells
 - This system performs a precise monitoring of the users behavior throughout the lane, ensures their safety and guarantees a high rate of infractions detection
- Orientation pictogram providing an intuitive indication of the gate accessibility to the user
- Easy and ergonomic integration of all types of readers: magnetic, contactless, barcode, or biometric
- Highly customizable and user-friendly design
- Number of passages per minute not limited by the gate. The limit is set only by the response time of the ticketing system and the walking speed of the passenger

PRODUCT SPECIFICATIONS

PASSAGE WIDTH	500-600 mm (Standard) 800-900 mm (PRM)
MOTOR (x2/LANE)	24 VDC - Brushless - 86W
OPENING TIME	0.65 s (normal gate) / 0.85 s (wide gate)
CLOSING TIME	0.65 s (normal gate) / 0.85 s (wide gate)
MTTR	< 30 minutes
RELATIVE HUMIDITY	< 99%, without condensation @25°C
OPERATING TEMPERATURE	-10°C to + 50°C (0°C to +40°C with optional UPS)
ELECTROMAGNETIC BRAKE	200 Nm teeth brake
MCBF (MECHANICAL)	> 10,000,000 cycles (with respect of the recommended maintenance)
CABINET DIMENSIONS	Width : 200 mm, Length: 1500 - 2000 mm, Height : 900 - 1800 mm
HOUSING MATERIAL	1.5mm brushed 304L (316L optional)
WEIGHT (KG)	202 / 207 (Normal right / Wide right) 217 / 227 (Normal interm. / Wide interm.) 185 / 190 (Normal left / Wide left)
PROTECTION CLASS	IP43 (Optional IP54) IK09 (Optional IK10)
POWER SUPPLY	110/230 VAC (+/- 10%), 50/60 Hz, 6 A max
CONSUMPTION PER LANE (w/o reader)	Standby: 20 W, Operating: 35 W, Max: 80W

MAIN OPTIONS TO CONFIGURE YOUR TGS (*)

- Housing : 2mm stainless steel / 316L / RAL painting / security locks & opening detection sensors
- Obstacles : various shapes and dimensions / Polycarbonate / 12mm thick / Plastic film / Personalized logo
- Adjustable base (compensate floor deviation)
- RGBW orientation pictogram / self-diagnostic of defective LED

- Display : 4x20 characters / 10" / Touchscreen
- Loudspeaker to play recorded messages
- Passage counter totalizer with display
- Internal cooling / heating system
- Emergency push button
- UPS or self-supporting battery
- Smart & Slim supervision console for gate configuration and monitoring

(*) Other customizations available on request