

TRANSPORT SWING GATE



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

easier

AUTOMATIC
SYSTEMS

IBER



PUBLIC TRANSPORT

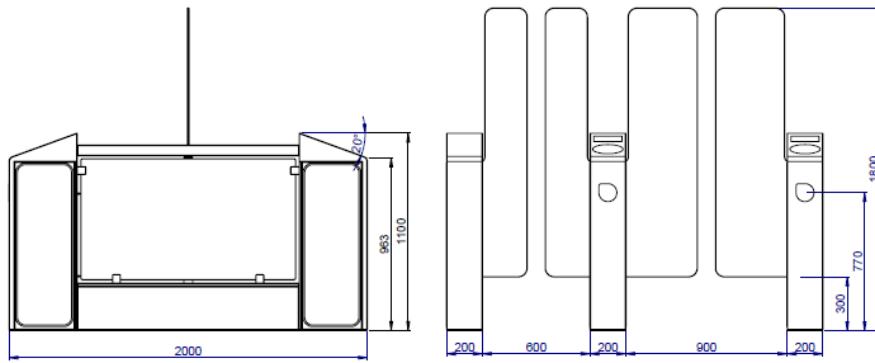
DESCRIPTION

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. This system performs a precise monitoring of the users behavior throughout the lane, ensures their safety and a high rate of infractions detection.

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. The cabinet allows the integration of magnetic, contactless, barcode and biometric readers.

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. The different modes are configurable by software: "Controlled", "Free" or "Forbidden" in each direction independent.



PRODUCT SPECIFICATIONS

	STANDARD CONFIGURATIONS	OPTIONS
PASSAGE WIDTH	600 mm (Standard) 900 mm (PRM)	Between 500 mm and 600 mm (STD) Between 800 mm and 900 mm (PRM)
HOUSING	1.5 mm thickness 304 L stainless steel Security locks	2 mm thickness 316 L stainless steel 1500 mm cabinet length (short version)
PROTECTION CLASS	IP43 IK09	IP54 IK10
MOBILE OBSTACLES THICKNESS	10 mm thickness tempered glass	12 mm thickness tempered glass 12 mm thickness tempered and laminated glass 12 mm polycarbonate
MOBILE OBSTACLES HEIGHT	1600 mm	Between 1200 and 1800 mm
POWER SUPPLY	Single-phase: 230 V AC (+/- 10%), 50/60 Hz + ground	
MOTOR (x2/LANE)	24 VDC - 120W brushless DC motor	
OPENING TIME	0.7 s (normal gate) / 0.85 s (wide gate)	
CLOSING TIME	0.9 s (normal gate) / 1.1 s (wide gate)	
MTTR	< 30 minutes	
RELATIVE HUMIDITY	95% humidity without condensation	
OPERATING TEMPERATURE	-10°C to +50°C (0°C to +40°C with optional UPS)	
MCBF (MECHANICAL)	> 5,000,000 cycles (with respect of the recommended maintenance)	
WEIGHT (KG)	Standard: 125 kg (left) / 160 kg (interm.) / 135 kg (right) PMR: 128 kg (right) / 165 kg (interm.) / 138 kg (right)	
CONSUMPTION PER LANE (w/o reader)	Standby: 20 W, Operating: 60 W, Max: 120 W	

MAIN COMPONENTS TO CONFIGURE YOUR TGS (*)

- Housing: RAL painting / opening detection sensors
- Obstacles: Plastic film / Personalized logo
- Adjustable base (compensate floor deviation)
- RGBW orientation pictogram (strip LED and arrow / cross pictogram)
- Display: possibility to have a screen between 7" and 10"
- Loudspeaker to play recorded messages
- Internal cooling / heating system
- Emergency push button
- UPS or self-supporting battery