



REVROY

Solutions For Controlled Access



Gate units for
Flap Gates
FGU-550S / FGU-900W
Wing Gates
WGU-100U
WGIN-100U / WGIS-100U

HIGHLY RELIABLE

BG Drives gate units are designed for countless daily operations. The gates have a proven life expectancy of more than 10 million cycles.

SAFE

All gate units are designed according to the new European safety standards and the Machinery Directive 2006/42/EC.

ENERGY EFFICIENT

The drive system is based on the state-of-the-art motor technology using a brushless servo drive system.

FAST

Ultra-high-speed opening allows fast access and excellent tailgating protection through fast closing.





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Quality from BG Drives

CONTROL OF MOVEMENT OF PEOPLE:

- TRAIN STATIONS AND AIRPORTS
- OFFICE BUILDINGS
- PUBLIC BUILDINGS
- HOSPITALS
- UNDERGROUND STATIONS
- RAILWAYS
- PAID RESTROOMS

BG Drives gate units are already used worldwide in thousands of gate installations for control of movement of people in underground metro stations, public areas, airports, train stations and office buildings.

The different components like controller and drive unit which are perfectly matched for the different types of gate units provide best safety and comfort to users with many years of carefree operation.

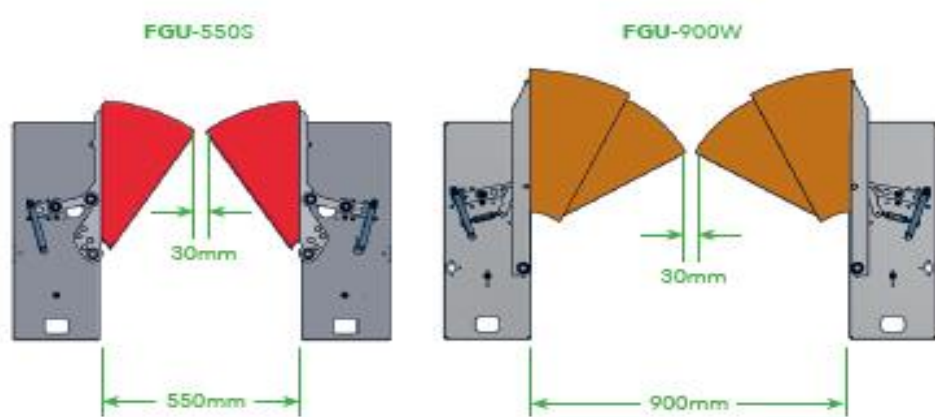
The gate units provide a highly reliable enhanced access solution. The tried-and-tested drive and controller technology, combined with a robust and smart mechanical design, offers optimum performance in thousands of daily operations.





Gate units for flap gates

FGU-550S FGU-900W



Passenger safety

- Permanent control of the movement of the flaps
- Low impact forces due to foam-protected flaps
- Impact detection system
- Safety reversing feature

Features

- Robust and elegant design
- Brushless servo drive system
- Latest controller technology with CAN bus operation
- Graphical User interface
- Highly efficient drive technology

Benefits

- Suitable for high passenger throughput due to fast actuation times
- Long lifespan
- Slim design
- Enhanced safety functions
- Reduced operating costs
- Easy handling and commissioning
- Easy integration in OEM housing solutions

Technical data	FGU-550S Standard	FGU-900W Wide
Lane width	550 mm	900 mm
Actuation time (open/close)	0.3 s / 0.4s / 0.5s	0.6s / 0.7s / 0.8 s
Power consumption	Max. 80 W	Max. 100 W
Impact detection	yes	
Temperature range	0 to +55 °C	
Power supply	230 VAC 50 Hz ± 10%	
Drive unit	BG Servo Drive	
System voltage	Safety voltage 24 VDC	
Operation Mode	S1 (100% DC)	

(All data is provided to the best of our knowledge and awareness and is subject to error and amendment.)

MADE IN GERMANY ●●●

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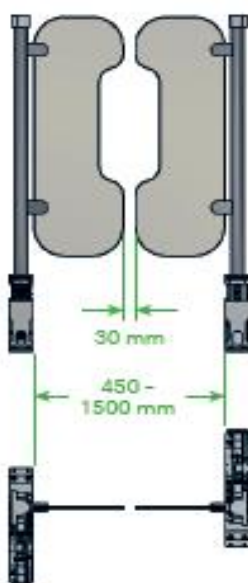




BG DRIVES
for your access

Gate units for wing gates

WGU-100U



WGU-100U

Passenger safety

- Permanent control of the movement of the wings
- Low impact forces
- Impact detection system
- Safety reversing feature

Features

- Robust and elegant design
- Brushless servo drive system
- Latest controller technology with CAN bus operation
- Graphical user interface
- Highly efficient drive technology

Eigenschaften

- Suitable for high passenger throughput due to fast actuation times
- Long lifespan
- Slim design
- Enhanced safety functions
- Reduced operating costs
- Easy handling and commissioning
- Easy integration in OEM housing solutions

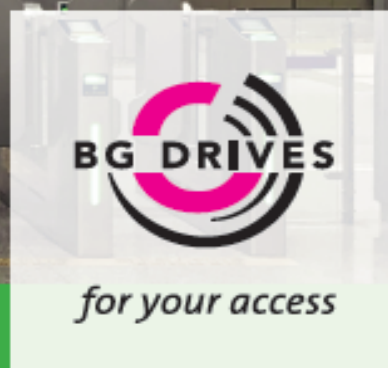
Technical data

WGU-100U

Lane width	450 - 1500 mm
Actuation time (open/close)	0.3 to 1.5s
Power consumption	20 - 150 W
Impact detection	yes
Temperature range	0 to +55 °C
Power supply	230 VAC 50 Hz ± 10%
Drive unit	BG Servo Drive
System voltage	Safety voltage 24 VDC
Operation Mode	S1 (100% DC)

(All data is provided to the best of our knowledge and awareness and is subject to error and amendment.)

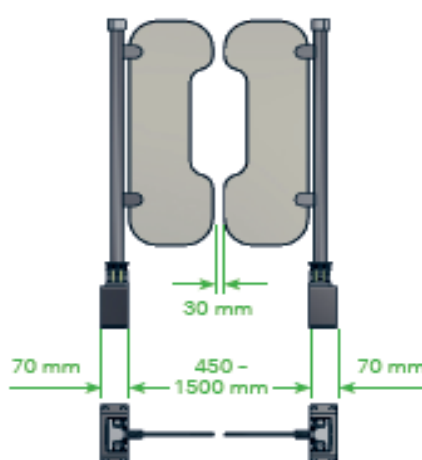
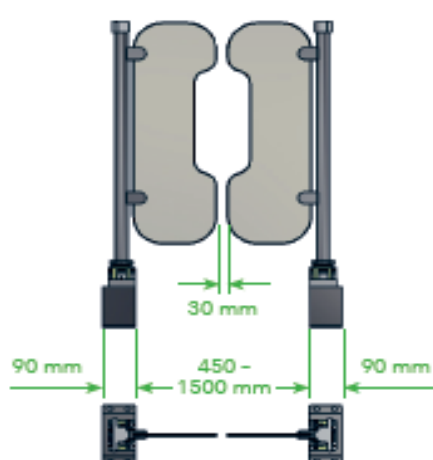




Gate units for wing gates

WGIN-100U

WGIS-100U



WGIN-100U

WGIS-100U

Passenger safety

- Permanent control of the movement of the wings
- Low impact forces
- Impact detection system
- Safety reversing feature

Features

- Robust and elegant design
- Brushless servo drive system
- Latest controller technology with CAN bus operation
- Graphical User interface
- Highly efficient drive technology

Benefits

- Suitable for high passenger throughput due to fast actuation times
- Long lifespan
- Slim design
- Enhanced safety functions
- Reduced operating costs
- Easy handling and commissioning
- Easy integration in OEM housing solutions

Technical data	WGIN-100U slim design	WGIS-100U extra slim design
Foot print	90 mm	70 mm
Lane width	450 mm - 1500 mm	
Actuation time (open/close)	0.3 to 1.5s	
Power consumption	20 - 150 W	
Impact detection	yes	
Temperature range	0 to +55 °C	
Power supply	230 VAC 50 Hz ± 10%	
Drive Unit	BG Servo Drive	
System voltage	Safety voltage 24 VDC	
Operation Mode	S1 (100% DC)	

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Design and production: Made in Germany

BG Drives in Germany develops and manufactures high quality systems for the efficient, economical and fast control of access by persons and vehicles. Our team has been engaged for over 25 years in the production of access control systems for pedestrians and road vehicles. The area of barrier and gate drive units and their control circuitry represents a particular core competence of our specialists. Our products are designed and manufactured for use on demanding duties in continuous operation with heavy pedestrian and vehicle traffic. All our systems have been developed to provide a long service life with minimized power consumption.

We gladly offer our support and services worldwide in planning and implementing your access control projects. Your needs become our challenge—why not give us a call?

Gate units from BG Drives
For pedestrian gates

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“Finest from the very best from around the world”

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