



for your access

Perimeter Protection

AXgo PERFORMANCE

FHT03 

FHT03B 

FHDHT / FHDS 

TURNSTILES

BICYCLE TURNSTILES

SWING GATES

MADE IN GERMANY ●●●

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AXgo PERFORMANCE

ADMISSION CONTROL – ACCESS SECURITY

Turnstiles are the perfect answer for all applications where enclosed areas or sensitive sites need to be securely protected, with unauthorized access reliably prevented. Effective separation allows access only to authorized persons. Turnstiles also find application in stadiums and other sports facilities for admission control.



Lagovida vacation resort, Germany



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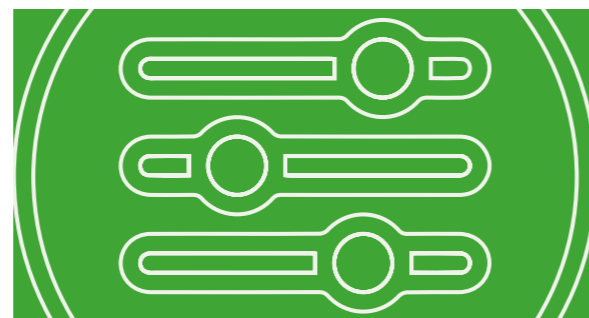
AXGO - THE PRODUCT RANGE FOR PEDESTRIAN ENTRY FROM BG DRIVES

The BG Drives AXgo product range comprises various types of pedestrian gates and turnstiles for the controlled access of pedestrians. AXgo Performance turnstiles are available as versions with electromechanical locking or with the BG Drives servo drive. Turnstiles with bicycle gates and swing gates complete the picture.

All variants in the AXgo product range can be combined or customized with additional bolt-on equipment, and a wide range of options and accessories is available.

Multifunctional control

The GC500 multifunctional control system used in all BG Drives barriers and pedestrian gates is also installed in the AXgo range of turnstiles and swing gates. Not only does this offer simple and convenient operation of all these products, but it also makes configuration and maintenance easier for the service technician. Configuration can be carried out either directly at the control unit itself or via a software tool running under Windows, which makes it a very simple matter to save and document the set parameters.



Customization options

Bolt-on enclosures in two variants simplify the installation of user controls and access ID readers. All cable connections are directly within the turnstile, so that the customer does not need to provide additional onsite cabling. This means that additional equipment can be fitted or user controls modified at any time without any problems, since the electrical connections involved will be only internal in the turnstile.



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AXgo PERFORMANCE
TURNSTILES



TURNSTILES AND SWING GATES

Turnstile variants:

- Single turnstiles purely for pedestrians to enter one at a time
- Turnstiles with integrated bicycle gate so that cyclists can wheel their bikes through
- Swing gates for pedestrian entry with unrestricted access or for bringing goods through

Fields of application:

Industrial sites, gated communities, airports, schools and universities, dock areas, utility companies, business premises, sports fields, military facilities, bicycle parking hubs, leisure parks

Features:

- In all turnstiles, the rotors, the bicycle gates and the swing gates are fabricated in DIN grade 1.4301 stainless steel with a brushed finish.
- The intelligent locking system prevents persons from being trapped inside.
- Maintenance-free BG Drives servo drive with positioning control and integrated obstacle detection
- Action on power failure can be configured.
- Electromechanical turnstiles can be upgraded at any time to the more high-tech variant with the BG Drives servo drive.
- Integrated random generator



Technical Data

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Dimensions

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Scope of supply

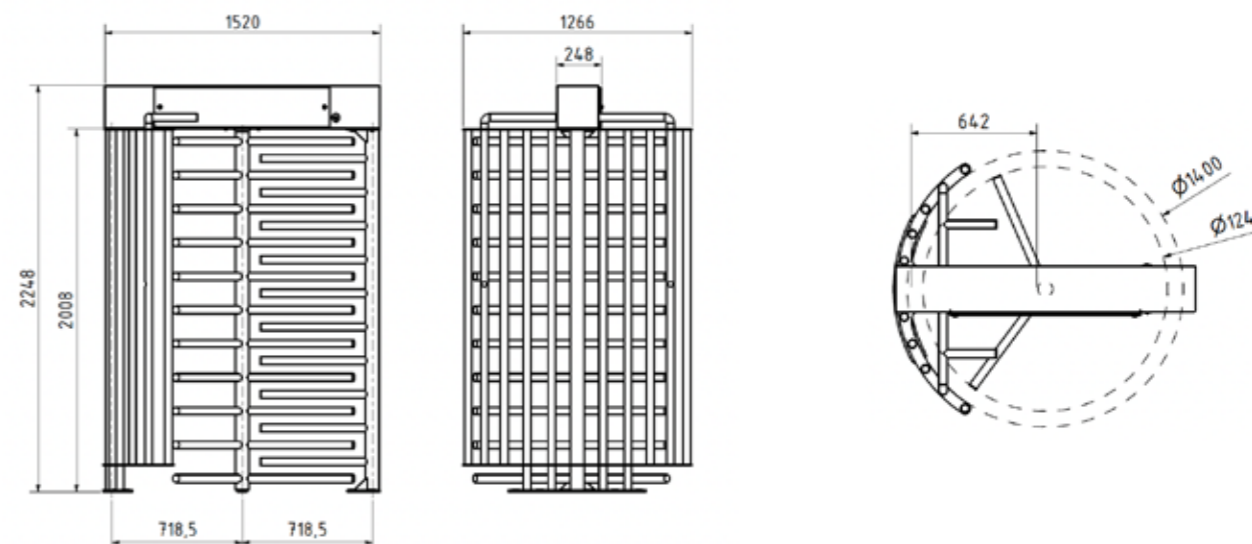
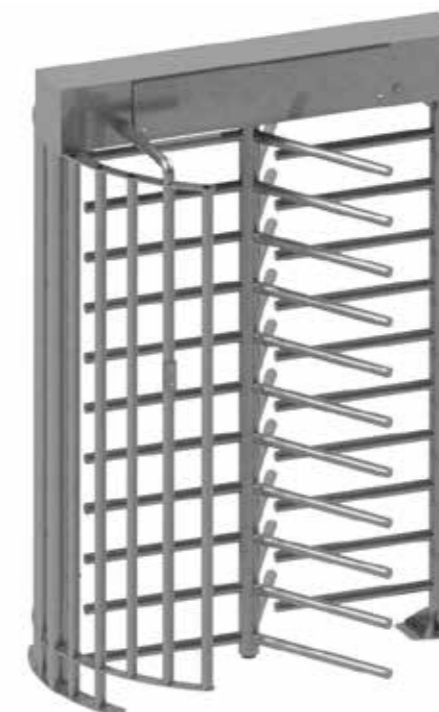
AXgo Performance turnstiles are supplied preconfigured for quick and convenient installation and start-up at the customer's premises. An optional foundation base frame is available for easier installation. Alternatively, the turnstiles can also be supplied completely preassembled.

AXgo PERFORMANCE
TURNSTILES

AXgo PERFORMANCE
TURNSTILES

Technical Data	AXgo FHT03-EM100 electromechanical	AXgo FHT03-M100 electromotorized
Structure		
Dimensions	1.520 x 1.266 x 2.248 mm	1.520 x 1.266 x 2.248 mm
Entry height	2.008 mm	2.008 mm
Entry width	642 mm	642 mm
Rotor indexing	3 x 120°	3 x 120°
Portal and housing	Stainless steel: brushed finish or powder coating	
Rotor	33 stainless steel rotor bars with brushed finish	
Locking	electromechanical	electromotorized
Specified number of operating cycles	3 Mio.	
Power supply	230V	
Power draw	max. 90 W	max. 90 W
Action on power failure	Free rotation in both directions	Free rotation in both directions
Controls	Integrated in the system	Integrated in the system
Temperature range	-20 °C to +55 °C	-20 °C to +55 °C
Configuration software	Runs under Windows (7 / 8.1 / 10 / 11)	
Ingress protection	IP 44	
Controls		
Digital inputs		8
Digital outputs		4
Relay outputs		6
Random generator	Integrated in the system	
Interfaces	Ethernet, RS232, CAN, USB	
Accessories and options		
Site preparation	Foundation base frame (155 mm below top surface of finished paving)	
Power failure options	Entry locked / exit locked / entry and exit locked	
Protective roof	Trapezoidal sheeting / Premium roof	
Lighting	2 super bright LED spotlights with or without dimming	
Color	RAL color of choice	
Reader mounting housing	Versions: short, 157 x 154 mm or long, 157 x 600 mm	
Access indicator	Red cross / green arrow at both sides	

AXgo PERFORMANCE FHT03





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Technical Data

Scope of supply

AXgo Performance turnstiles with bicycle gates are supplied preconfigured for quick and convenient installation and start-up at the customer's premises. An optional foundation base frame is available for easier installation.

AXgo PERFORMANCE
TURNSTILES

Technical data	AXgo FHT03B-EM100 electromechanical	AXgo FHT03B-M100 electromotorized
Aufbau		
Dimensions	2.440 x 1.266 x 2.248 mm	2.440 x 1.266 x 2.248 mm
Entry height	2.008 mm	2.008 mm
Entry width	642 mm	642 mm
Rotor indexing	3 x 120°	3 x 120°
Temperature range	-20°C to +55°C	-20°C to +55°C
Portal and housing	Stainless steel: brushed finish or powder coating	
Rotor, bicycle gate, guide panel	Stainless steel, brushed finish	
Locking		
Turnstile	electromechanical	electromotorized
Bicycle gate	electromechanical	electromotorized
Specified number of operating cycles	3 million	
Power supply	230V	
Power draw	max. 90 W	max. 120 W
Action on power failure	Free rotation in both directions	Free rotation in both directions
Controls	Integrated in the system	Integrated in the system
Temperature range	-20 °C to +55 °C	-20 °C to +55°C
Configuration software	Runs under Windows (7 / 8.1 / 10 / 11)	
Ingress protection	IP 44	
Controls		
Digital inputs	8	
Digital outputs	4	
Relay outputs Random generator	6	
Interfaces	Integrated in the system Ethernet, RS-232, CAN, USB	
Loop detector	Integrated, 2-channel	
Accessories and options		
Site preparation	Foundation base frame (155 mm below top surface of finished paving)	
Power failure options	Entry locked / exit locked / entry and exit locked	
Protective roof	Trapezoidal sheeting / Premium roof	
Lighting	2 super bright LED spotlights with or without dimming	
Color	RAL color of choice	
Reader mounting housing	Versions: short, 157 x 154 mm or long,	
Access indicator	157 x 600 mm ,Red cross / green arrow at both sides	
Bicycle gate controls	Illuminated pushbutton / induction loop	

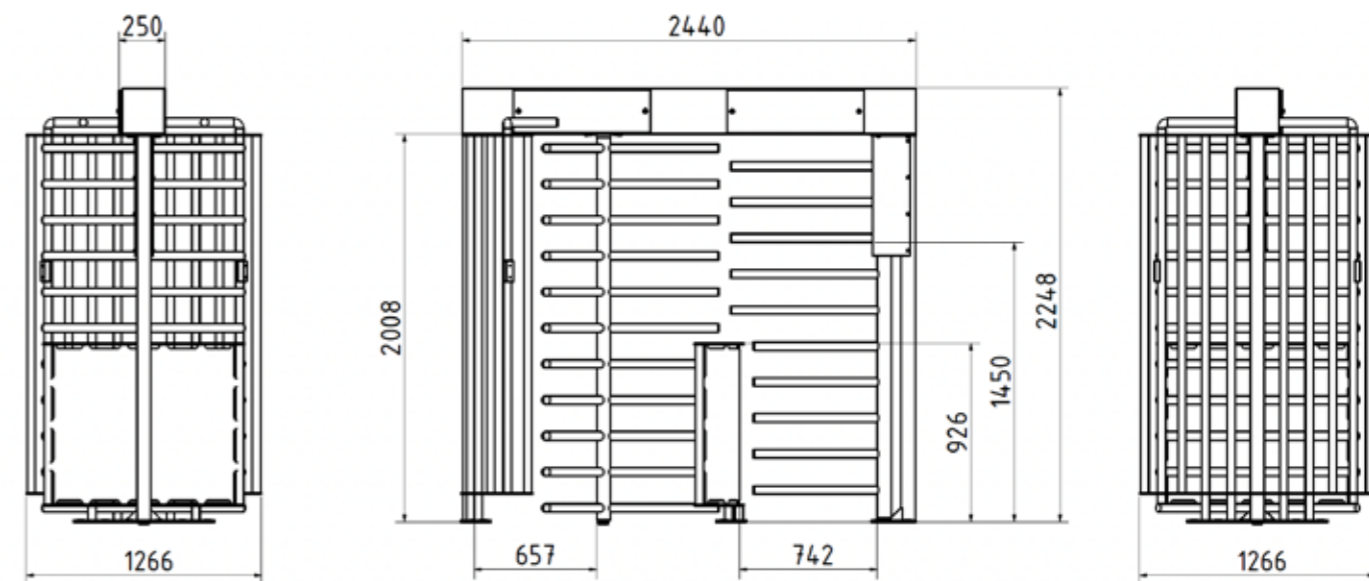
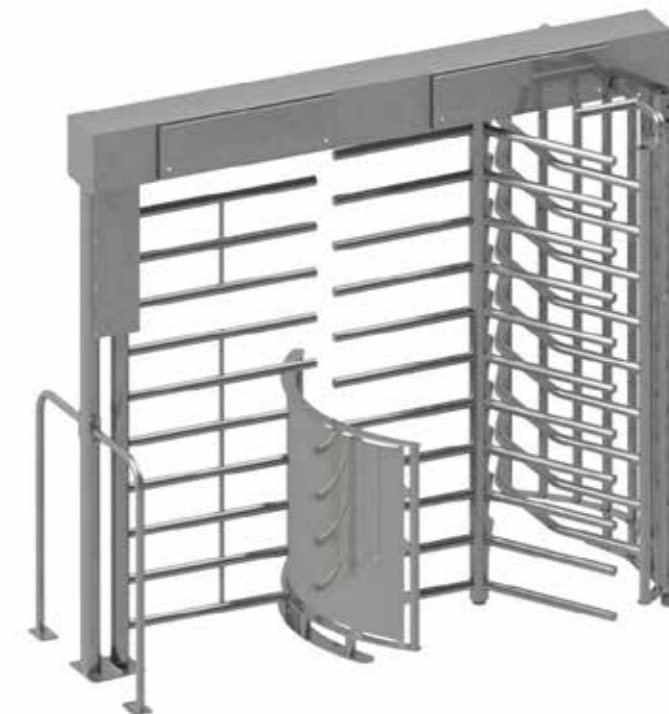


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Dimensions

AXgo PERFORMANCE FHT03B - Turnstile with bicycle gate

AXgo PERFORMANCE
TURNSTILES





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Technical Data

Scope of supply

AXgo Performance turnstiles with bicycle gates are supplied preconfigured for quick and convenient installation and start-up at the customer's premises. An optional foundation base frame is available for easier installation.

AXgo PERFORMANCE
SWING GATES

Technical data	AXgo FHDS-M01-100	For use together with FHT03 and FHT03B
Structure		
Dimensions	1.302 x 919 x 2.248 mm	1.302 x 919 x 2.248 mm
Entry height	2.008 mm	2.008 mm
Entry width	1.015 mm	1.015 mm
Rotor indexing	2 x 90°	2 x 90°
Temperature range	-20°C to +55°C	-20°C to +55°C
Portal and housing	Stainless steel: brushed finish or powder coating	
Rotor, bicycle gate, guide panel	10 horizontal stainless steel round bars, brushed finish	
Locking	electromechanical	electromechanical
Swing gate drive	electromotorized	electromotorized
Specified number of operating cycles	3 million	
Power supply	230V	
Power draw	max. 90 W	max. 90 W
Action on power failure	Free rotation in both directions	Free rotation in both directions
Controls	Integrated in the system	
Temperature range	-20°C to +55°C	-20°C to +55°C
Configuration software	Runs under Windows (7 / 8.1 / 10 / 11)	
Ingress protection	IP 44	
Controls		
Digital inputs	8	
Digital outputs	4	
Relay outputs	6	
Random generator	Integrated in the system	
Interfaces	Ethernet, RS-232, CAN , USB	
Accessories and options		
Site preparation	Foundation base frame (155 mm below top surface of finished paving)	
Action on power failure	Entry and exit locked	
Protective roof	Trapezoidal sheeting	
Lighting	2 super bright LED spotlights with or without dimming	
Color	RAL color of choice	
Reader mounting housing	Versions: short, 157 x 154 mm or long, 157 x 600 mm	
Access indicator	Red cross / green arrow at both sides	

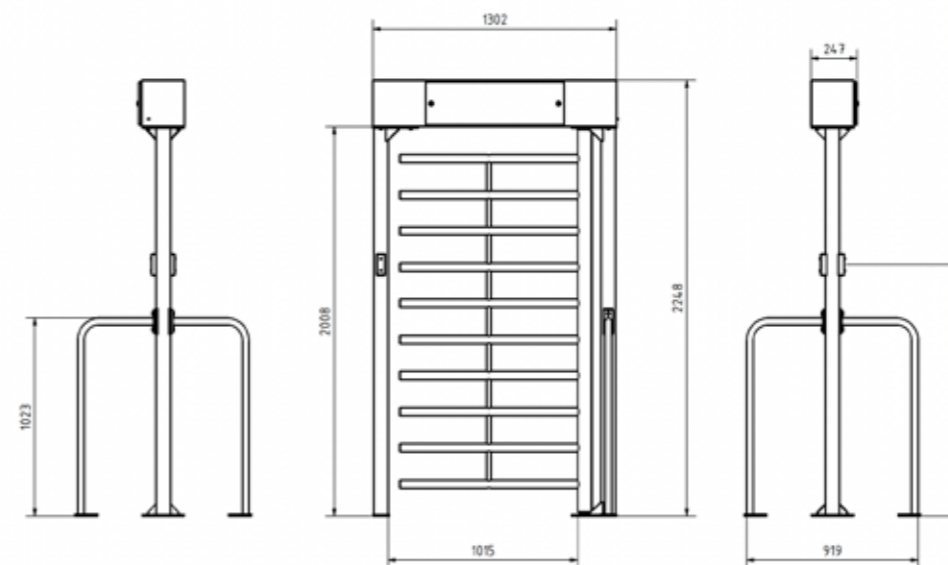


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Dimensions

AXgo PERFORMANCE
SWING GATES

AXgo PERFORMANCE FHDS





Options & Accessories

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AXgo PERFORMANCE
ACCESSORIES

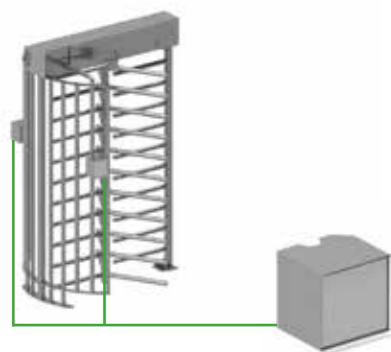
Foundation base frame



Foundation base frames are available for all turnstile variants. They greatly simplify erection, alignment and bolting down. A foundation base frame is generally necessary where the turnstile cannot be fixed to the final surface covering (e.g. cobbles or paving stones). The frame is hot-dip galvanized and is fitted with leveling screws for easy adjustment of its depth and horizontalness.

The foundation base frame has a height of 155 mm.

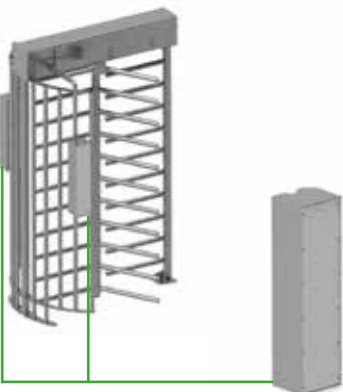
Reader mounting housing, short



Reader mounting housing to incorporate the access controls (e.g. card reader). Fabricated in DIN grade 1.4372 stainless steel with an RAL 9006 powder coating or DIN grade 1.4301 stainless steel with a brushed finish. The front panel is in aluminum with an RAL 9006 powder coating, making it easier to cut out the required apertures.

Dimensions (W x D x H) 157 x 151 x 154 mm.
Max. cut-out 129 x 120 mm.

Reader mounting housing, long



Reader mounting housing long version, to incorporate the access controls (e.g. card reader, intercom). Fabricated in DIN grade 1.4372 stainless steel with an RAL 9006 powder coating or DIN grade 1.4301 stainless steel with a brushed finish. The front panel is in aluminum with an RAL 9006 powder coating, making it easier to cut out the required apertures.

Dimensions (B x T x H) 157 x 151 x 600 mm.
Max. cut-out 129 x 556 mm.

Options & Accessories

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AXgo PERFORMANCE
ACCESSORIES

Lighting



Lighting arranged to suit the turnstile with two super bright LED spotlights at the entry and exit. The lamps can be replaced. Dimming controls are available as an option.

Access indicator



Access indicator with a red cross and a green arrow to give a visual signal of the direction and permission of passage.

Protective roof for FHT03 turnstile



Trapezoidal sheeting roof with two stainless steel supports to suit the turnstile version.

Dimensions 1717 x 1650 mm.
Height above turnstile 100 - 120 mm.

Protective roof for two adjacent FHT03 individual turnstiles



Trapezoidal sheeting roof with three stainless steel supports to suit the turnstile version.

Dimensions 1717 x 2600 mm.
Height above turnstile 100 - 120 mm.



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Options & Accessories

AXgo PERFORMANCE
ACCESSORIES



Roof for turnstile with bicycle gate FHT03B

Trapezoidal sheeting roof with three stainless steel supports to suit the turnstile version.

Dimensions 1717 x 2450 mm.
Height above turnstile 100 - 120 mm.



Roof for swing gate FHD

Trapezoidal sheeting roof with two stainless steel supports to suit the swing gate version

Dimensions 1717 x 1650 mm.
Height above turnstile 100 - 120 mm.



Premium roof for FHT03

The Premium roof is manufactured from galvanized steel with an RAL9006 powder coating. It is supplied completely preassembled.

Dimensions 2015 x 1950 mm.
Height above turnstile 135 mm.



for your access

Contact & Service

SERVICE

DEVELOPMENT, MANUFACTURE AND SERVICE

BG Drives in Germany develops and manufactures high quality systems for the efficient, energy-saving 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 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.

DISCOVER OUR PRODUCTS AX PARK AND AX GATE PERFORMANCE



WWW.BG-DRIVES.COM

We gladly offer our support and services worldwide in planning and implementing your access control projects, and are always on call whether through digital communications or face to face.



for your access

RUGGED

FUNCTIONAL

DURABLE

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