

# mTripod

## Three-arm turnstile

**MAGNETIC**<sup>®</sup>  
ACCESS TO PROGRESS



### Extensive functions and intuitive operation

The pedestrian gates of the FlowMotion<sup>®</sup> series can be controlled with all common reading devices. The front faces allow installation of numerous card-reading models, ensuring maximum flexibility. The product is characterised by an extremely slender silhouette, shapely form and flowing lines.

The lean design harmonically integrates itself in architecturally demanding surroundings, and its inviting shape increases user acceptance.

The housing consists of the specially developed two-component polymer mDure<sup>®</sup>. This material opens up previously impossible design potentials.

Unlike stainless steel, mDure is not cold and hard but instead feels comfortably warm and nice to touch. A friendly reception for visitors is thus provided on entering the building.



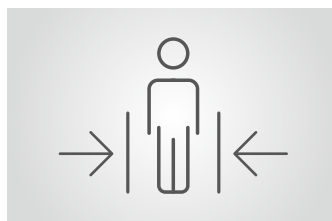
#### Unobstructed escape routes

FlowMotion<sup>®</sup> gates provide free passage if there is a power outage or alarm signal. They automatically resume operation when the alarm is over or power has been restored.



#### Large visitor numbers

It makes sense to use several parallel lines if large numbers of visitor authorisations need confirmation within a very short time. All FlowMotion<sup>®</sup> pedestrian gates are suitable for the straightforward setting up of multiple applications thanks to their uniform stylistic language and control technology.



#### Secure access control

Light sensors (optional) raise the alarm if someone climbs over or crawls under the pedestrian gates. Interlocking in the closed state (optional) prevents any forced entry.



#### Rapid installation

Our pedestrian gates are supplied ready for installation. All the selected options have already been installed, and the corresponding parameters preset, before delivery to the point of use. This, and the drilling templates, considerably shorten commissioning times.

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## Three-arm turnstile

- › Revolutionary design, won German Design Award 2018
- › Extensive functions and intuitive operation
- › Drop-arm mechanism (optional) permits passage during power outages or alarms
- › Ethernet plug-in module for IP connection (optional)
- › Designed for more than 10 million opening and closing cycles



Technical data	mTripod	mTripod short
Housing variants	Long	Short
Application	Indoor and outdoor	Indoor and outdoor
Passage width	515 mm	515 mm
Flow ratings (number of persons per min.) <sup>1</sup>	approx. 20	approx. 20
Drive technology	MHTM™	MHTM™
Control system	MGC	MGC
Voltage	100–240 V AC, 50/60 Hz	100–240 V AC, 50/60 Hz
Power consumption	Typical 30 W	Typical 30 W
Duty cycle	100%	100%
Housing material	mDure	mDure
Housing dimensions (L x W x H)	1300 x 290 x 1050 mm	730 x 290 x 1050 mm
Enclosure rating	IP 54	IP 54
Weight	About 70 kg	About 57 kg
Temperature range	–30 to +55 °C	–30 to +55 °C

<sup>1</sup> Depending on reader, lock setting, person behaviour



### Features

Direction of passage	Uni- or bi-directional
Emergency release	On power outage or closing of alarm contacts
Random generator	Integrated in control system
Throughput data acquisition and event log	Integrated in control system
Control system inputs and outputs	8 digital inputs, 4 digital outputs, and 6 relay outputs

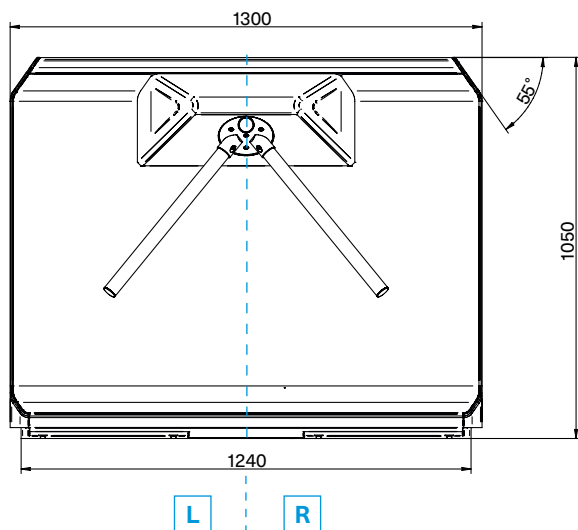
### Standard colours

	
White aluminium (similar to RAL 9006)	Jet black (similar to RAL 9005)

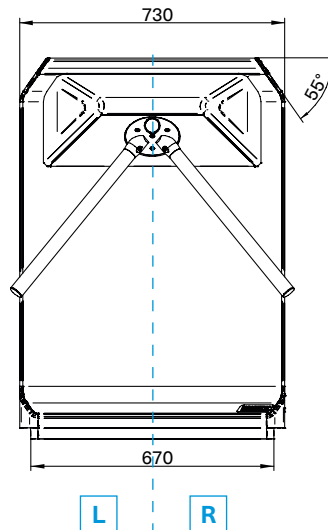
### Potential applications

	
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mTripod – side view

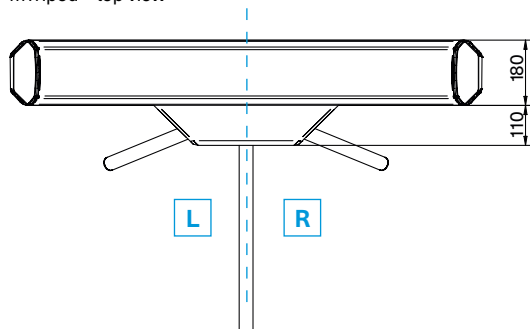


mTripod short – side view

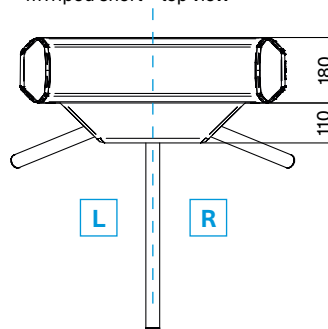


You can obtain options as left **L** or right **R** versions. If you look at the mTripod from the tip of the turnstile bar the option is on the left with the left version and on the right with the right version.

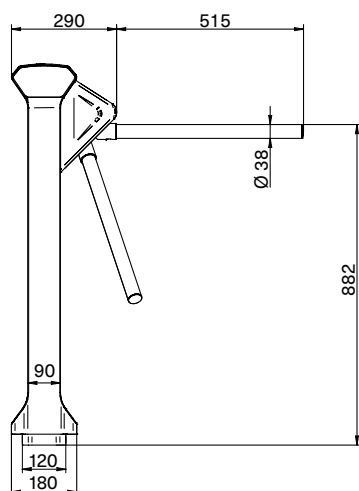
mTripod – top view



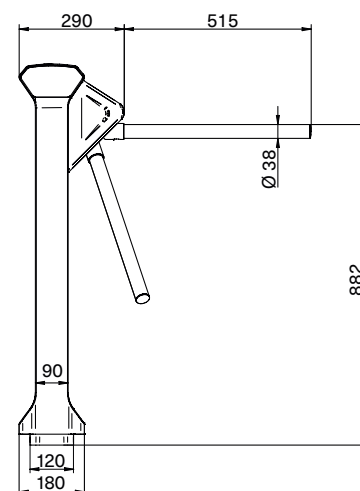
mTripod short – top view



mTripod – front view



mTripod short – front view



Mounting space for reading devices for mTripod and mTripod short (without passage indicator, mounting depth 40 mm)

