

## Pedestrian Gates

### MPH 112

The MPH (Magnetic Pedestrian High Door) Series pedestrian barrier was developed to control the access of persons under medium to high security requirements.

Closure takes place immediately after passage or after an adjustable hold-open time. The opening and closing times can be programmed to be different from each other, the times depend on the height of the glass flaps. In its initial position the barrier is closed; it can be operated in one direction only, or in both directions.

MPH barriers are available in two versions. The standard version permits unimpeded passage for persons. The Wide lane has a greater lane width and provides optimum passage for persons with luggage and for wheel chairs.

A line or installation consists of at least two modules.



Tripod

Wing / Flap

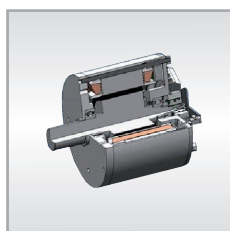
Swing

Turn-stile



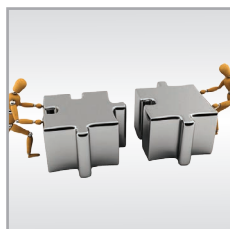
#### Housing and quality

The housing is made of stainless steel grade 304 (1.4301) and is built up from several segments whose length can be varied to suit the customers requirements. Various optional access-control systems (e.g. card readers) can be readily integrated into the stainless steel front panels. The housing complies with degree of protection IP32 and is suitable for indoor applications, or for outdoor use under a roof (but only with additional heating).



#### Motor and control units

The MHTM™ motor with sensor technique offers almost silent operation. The motor allows a direct drive of the rotating center without additional gearing. It operates under constant power and thus prevents condensation and prolongs the life of the motor. In connection with the universal MBC controller we can provide features that are very useful and expedient for our customers.



#### Customization

MPH112 gates are available with three different door heights depending on the security standard demanded by the customer. Magnetic recommends 1200 mm doors for medium security requirements. For high security, we recommend 1500 mm or 1800 mm doors to make climbing over them more difficult.

The glass doors are made from toughened or laminated safety glass.

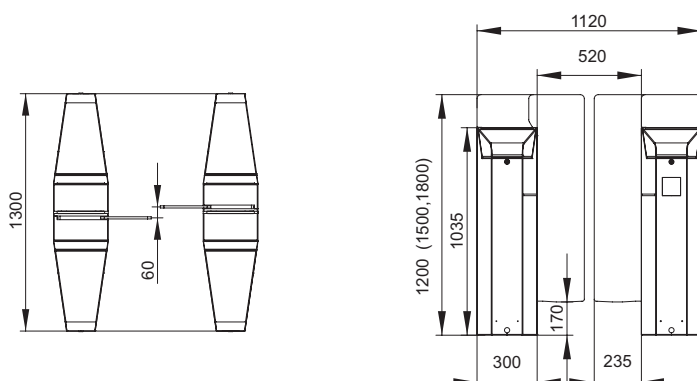


#### Safety

Persons passing the barrier are monitored by eight photocells. They detect the direction and prevent closure as long as a person or object is within the safety zone. The barrier closes automatically when the lane is cleared. Unauthorised attempts at access/passage are detected and can trigger an alarm signal. In the event of a power failure or in an emergency the barrier opens to provide free passage.

Technical data	MPH 112 (Standard lane)	MPH 112 (Wide lane)
Voltage	110 - 240 V AC	110 - 240 V AC
Frequency	50 - 60 Hz	50 - 60 Hz
Duty cycle	100 %	100 %
Drive unit	MHTM™	MHTM™
Passage width	520 mm	910 mm
Housing dimensions (WxL)	300 x 1300 mm	520 x 1300 x mm
Door heights	1200 / 1500 / 1800 mm	1200 / 1500 / 1800 mm
Power consumption max.	100 W	300 W
Opening / closing times	0.6 - 1.2 s	1.0 - 1.4 s
Protection class	IP 32	IP 32
Operating temperature	0 to +45 °C	0 to +45 °C
Weight for one lane	approx. 200 kg	approx. 275 kg

### Dimensional drawings MPH112 (Standard Lane)



### Dimensional drawings MPH112 (Wide Lane)

