

## www.TURNSTILES.us Magnetic Turnstiles with options and accessories

[Position: .....]

### **Mechanical Magnetic turnstile, MPT330CZ300**

Mechanical turnstile for access control and single passage pedestrian separation.

Function:

- The MPT330\* turnstile is used to control pedestrians, mainly in outdoor areas with relatively high security requirements.
- Smooth-running mechanism for comfortable passage
- Spring-assisted rotation after light touch
- Direction of operation freely selectable for entry and exit and manually selectable (via lock)
- The entire turnstile can also be locked manually (via lock)
- Lock included in delivery
- Passage cycles (MCBF) min. 10 million
- Safety and minimum distances in accordance with EN17352

Quantity: ..... Unit: St EP: ..... GP: .....

[Position: .....]

### **Electromechanical turnstile Magnetic, MPT333CA300**

Electromechanical turnstile for access control and single passage pedestrian separation.

Function:

- The MPT333\* turnstile is used to control pedestrians, mainly in outdoor areas with relatively high security requirements.
- Smooth-running electromechanics for comfortable passage
- Spring-assisted rotary movement after release pulse and light touch of the hand
- 2-way operation in entry and exit directions
- The turnstile is supplied with a "voltage-free free-turning lock" as standard.
- The "locked when de-energised" configuration can be specified when ordering or easily converted in the field.
- Signal deletion when not in use after a set time
- Pulse counting in both directions of passage
- Error history (logs) for technical service
- Integrated random generator for person and bag checks
- The "right-hand side of entrance" version is supplied as standard; "left-hand side of entrance" must be specified on the order
- In the event of forced passage, the barrier sends a warning message
- In the event of a power failure or alarm signal, the barrier can be rotated freely in both directions
- Duty cycle S1 (continuous operation), 100% in accordance with DIN EN60034-1
- Passage cycles (MCBF) min. 10 million
- Safety and minimum distances in accordance with EN17352

Electrics/software:

- Integrated MGC control with display for parameterisation and commissioning
- Functions and parameters can be activated and adjusted and switched via digital inputs and outputs: Direction of passage, hold-open time, direction of passage indicator, random generator
- Connection for 100–240 VAC, 50/60 Hz
- Control with activation by reception (PULT02) and with all common card readers
- 8 digital inputs with freely assignable functions
- 4 digital outputs and 6 output relays for status reporting (freely assignable)

- 5 plug-in card slots for expansion modules
- Can be networked via Ethernet interface

Quantity: ..... Unit: St EP: ..... GP: .....

[Position: .....]

**Magnetic motorised turnstile, MPT332CA300**

Motorised turnstile for access control and single passage pedestrian separation.

Function:

- The MPT332\* turnstile is used to control pedestrians, mainly in outdoor areas with relatively high security requirements.
- After an authorisation pulse (e.g. access control device), the turnstile indicates readiness by briefly turning the centre column (approx. 2°).
- A brushless electric motor supports the further rotational movement after a light touch and guides the user comfortably onwards.
- 2-way operation in entry and exit directions
- The turnstile is supplied with a "voltage-free free-turning lock" as standard.
- The "locked when de-energised" configuration can be specified when ordering or easily converted on site.
- Signal deletion when not in use after a set time
- Pulse counting in both directions of travel
- Error history (logs) for technical service
- Integrated random generator for personnel and bag checks
- The standard version is delivered with the entrance on the right; if you require the entrance on the left, please specify this on your order
- In the event of forced passage, the barrier sends a warning message
- In the event of a power failure or alarm signal, the barrier can be rotated freely in both directions
- When de-energised, the centre column cannot be turned manually; this has been confirmed by a risk assessment
- Duty cycle S1 (continuous operation), 100% in accordance with DIN EN60034-1
- Passage cycles (MCBF) min. 10 million
- Safety and minimum distances in accordance with EN17352

Drive system/safety

- Certified (TÜV SÜD) low-energy drive (for maximum personal safety) up to max. 4J static force when opening and closing max. 67N (in accordance with requirements for personnel barriers EN17352:2022, EN13849.1 Performance Level d cat.2)
- Integrated MHTMTM drive system (brushless DC motor with planetary gear) for at least 10 million passage cycles (MCBF), certified in accordance with EN 60335-2-103

Electrics/software:

- Integrated MGC control with display for parameterisation and commissioning
- Functions and parameters can be activated and adjusted and switched via digital inputs and outputs: direction of passage, hold-open time, direction of passage indicator, random generator
- Connection for 100–240 VAC, 50/60 Hz
- Control with activation via reception (PULT02) and with all common card readers
- 8 digital inputs with freely assignable functions
- 4 digital outputs and 6 output relays for status reporting (freely assignable)
- 5 plug-in card slots for expansion modules
- Can be networked via Ethernet interface

Quantity: ..... Unit: St EP: ..... GP: .....

**Cross-type product information for the following versions****Mechanical MPT330CZ300 / Electromechanical MPT333CA300 / Electromotive MPT332CA300****Design / Material:**

- Self-supporting steel construction (support beams, service door, centre column, cage half, locking comb), hot-dip galvanised and then powder-coated in RAL7042 traffic grey
- Other RAL colours are available as an option
- High impact, scratch and abrasion resistance
- Centre column in V4A stainless steel quality (AISI316L; AISI316Ti) available as an option
- Cage half, locking comb in stainless steel quality V4A (AISI316L; AISI316Ti) available as an option
- Bottom bearing of the centre column with a low-maintenance PTFE plain bearing, no relubrication required

**Dimensions:**

- MPT\*3\* with 3x 120° centre column 1510 x 1288 x 2235 mm, (L x W x H)
- MPT\*3\* with 4x 90° centre column 1359 x 1076 x 2235 mm, (L x W x H)

**Temperature range:**

-30 to +55 °C

**Weight:**

approx. 250 kg (without options and accessories)

**Protection class:**

IP 43 (IP54 available as an option)

**Duty cycle (ED):**

100

Designed for 10,000,000 passenger passages

**Throughput**(Depending on reader, product configuration and user behaviour): approx. 20 people per minute<sup>1</sup>**Installation**

- Installation on load-bearing floor/foundation using composite anchors included in delivery
- Alternative installation using foundation frame (available as an accessory), required in conjunction with composite or paving stones

Installation by a technician trained by the manufacturer

instruction and handover of documentation including test book, operating instructions, declaration of conformity in accordance with the Machinery Directive / Low Voltage Directive / EMC Directive

## Options for MPT \*3\* turnstile with single passage

[Position: .....]

### **Option MPT\*3\* turnstile pre-assembled at the factory; HELAFUT3PRE**

**Turnstile on FURA foundation frame, including 4 lifting lugs for easy transport by forklift**

Manufacturer: Magnetic Autocontrol GmbH

Quantity: ..... Unit: St EP: ..... GP: .....

[Position: .....]

### **Option additional lifting lugs; HELAFUT3**

**Consisting of 2 pieces, for extension for customer platform or running surface**

Manufacturer: Magnetic Autocontrol GmbH

Quantity: ..... Unit: pcs EP: ..... GP: .....

[Position: .....]

### **Special colour option**

**Complete steel construction of the MPT\*3\* turnstile, powder-coated in special colour**

Manufacturer: Magnetic Autocontrol GmbH

Colour type: ..... Quantity: ..... Unit: St EP: ..... GP: .....

[Position: .....]

### **Option: centre column in stainless steel**

**Centre column in stainless steel V4A (AISI316L; AISI316Ti), steel construction of the turnstile MPT\*3\* powder-coated in RAL7042**

Manufacturer: Magnetic Autocontrol GmbH

Colour type: ..... Quantity: ..... Unit: St EP: ..... GP: .....

[Position: .....]

### **Option Centre column in stainless steel, steel construction in special colour**

**Centre column in stainless steel V4A (AISI316L; AISI316Ti), steel construction of the turnstile MPT\*3\* powder-coated in special colour**

Manufacturer: Magnetic Autocontrol GmbH

Colour type: ..... Quantity: ..... Unit: St EP: ..... GP: .....

[Position: .....]

### **Option Turnstile in stainless steel**

**Centre column, cage half, locking comb of the MPT\*3\* turnstile in stainless steel V4A (AISI316L; AISI316Ti), support beam and service door as steel construction powder-coated RAL7042**

Manufacturer: Magnetic Autocontrol GmbH

Colour type: ..... Quantity: ..... Unit: St EP: ..... GP: .....

[Position: .....]

**Option centre column in 4x 90°**

**Turnstile MPT\*3\* with centre column in 4x 90° division as steel construction powder-coated RAL7042**

Manufacturer: Magnetic Autocontrol GmbH

Quantity: ..... Unit: St EP: ..... GP: .....

[Position: .....]

**Option profile half cylinder; PHZT3GBMP**

**Preparation of profile half cylinder on service door of support beam (MPT\*3\*/MPG/MPB)**

Manufacturer: Magnetic Autocontrol GmbH

Quantity: ..... Unit: St EP: ..... GP: .....

[Position: .....]

**Locking option (MPT333\*); EP100**

**Conversion fee Input locked in the event of a power failure**

**→Required once per direction of travel**

Manufacturer: Magnetic Autocontrol GmbH

Quantity: ..... Unit: St EP: ..... GP: .....

[Position: .....]

**Locking option (MPT333\*); EP101**

**Conversion fee Output locked in the event of a power failure**

**→Required once per direction of travel**

Manufacturer: Magnetic Autocontrol GmbH

Quantity: ..... Unit: St EP: ..... GP: .....

[Position: .....]

**Locking option (MPT333\*); MAENT101**

**MPT mechanical unlocking lock (per direction)**

Manufacturer: Magnetic Autocontrol GmbH

Quantity: ..... Unit: St EP: ..... GP: .....

[Position: .....]

**Lock segment option (cage half with locking bar); KH01**

**Barrier segment (cage half with barrier bar) for MPT\*3\*, hot-dip galvanised and powder-coated in RAL7042**

Manufacturer: Magnetic Autocontrol GmbH

Quantity: ..... Unit: St Packaging unit: ..... GP: .....

[Position: .....]

**Lock segment option (cage half with locking bar); KH0X**

**Lock segment (cage half with locking bar) for MPT\*3\* hot-dip galvanised and powder-coated in special colour**

Manufacturer: Magnetic Autocontrol GmbH

Quantity: ..... Unit: St EP: ..... GP: .....

## **Accessories for MPT turnstile \*3\***

[Position: .....]

**Accessories for GED (Gate End Display) passage indicator; GED105MP**

**2 gate end displays (GED) for MPT\*3\*/MPG/MPB, green arrow, red X, one on each side, integrated into the support beam/cover**

Manufacturer: Magnetic Autocontrol GmbH

Quantity: ..... Unit: pcs Packaging unit: ..... GP: .....

[Position: .....]

**Accessory mounting column for the installation of access controls; ASMP**

**Mounting column made of chrome steel, powder-coated RAL7042, incl. mounting plate**

**Dimensions: 704 x 260 x 260 mm, installation area max. 600 x 160 mm**

Manufacturer: Magnetic Autocontrol GmbH

Quantity: ..... Unit: St EP: ..... GP: .....

[Position: .....]

**Accessory mounting column for the installation of access controls; ASMPX**

**Mounting column made of chrome steel, powder-coated in RAL special colour, incl. mounting plate**

**Dimensions: 704 x 260 x 260 mm, installation area max. 600 x 160 mm**

Manufacturer: Magnetic Autocontrol GmbH

Colour type: ..... Quantity: ..... Unit: St EP: ..... GP: .....

[Position: .....]

**Accessory mounting column for the installation of access controls; ASMPPHZ**

**Mounting column made of chrome steel, powder-coated RAL7042, incl. mounting plate, prepared for profile half cylinder (PHZ)**

**Dimensions: 704 x 260 x 260 mm, installation area max. 600 x 160 mm**

Manufacturer: Magnetic Autocontrol GmbH

Quantity: ..... Unit: St EP: ..... GP: .....

[Position: .....]

**Accessory mounting column for the installation of access controls; ASMPPHZX**

**Mounting column made of chrome steel, powder-coated in RAL special colour, incl. mounting plate, prepared for PHZ, dimensions: 704 x 260 x 260 mm, installation area max. 600 x 160 mm**

Manufacturer: Magnetic Autocontrol GmbH

Colour type: ..... Quantity: ..... Unit: St EP: ..... GP: .....

[Position: .....]

**Accessories Reader holder cover; AMWMPTR**

**Reader holder cover Stainless steel, powder-coated in RAL7042, 1 piece**

Manufacturer: Magnetic Autocontrol GmbH

Quantity: ..... Unit: pcs Packaging unit: ..... GP: .....

[Position: .....]

**Accessories Reader holder cover; AMWMPTRX**

**Reader holder cover Stainless steel, powder-coated in special colour Turnstile, 1 piece**

Manufacturer: Magnetic Autocontrol GmbH

Colour type: ..... Quantity: ..... Unit: pcs..... EP: ..... GP: .....

[Position: .....]

**Accessories Reader holder cover; AMWMPT**

**Reader holder cover Stainless steel, uncoated, 1 piece**

Manufacturer: Magnetic Autocontrol GmbH

Quantity: ..... Unit: pcs Packaging unit: ..... GP: .....

[Position: .....]

**Accessories Push button; DT101**

**Illuminated push button for enabling passage by pressing the button  
(per passage direction)**

Manufacturer: Magnetic Autocontrol GmbH

Quantity: ..... Unit: St EP: ..... GP: .....

[Position: .....]

**Accessories Push button; DT102**

**Surface-mounted push button IP67 for free output**

Manufacturer: Magnetic Autocontrol GmbH

Quantity: ..... Unit: St Packaging unit: ..... GP: .....

[Position: .....]

**Lighting accessories; BELED**

**LED lighting on both sides for MPT\*3\*/MPG/MPB, with 2 lights, powder-coated in RAL7042, without twilight switch (not for mechanical high turnstiles, only for 230V/50Hz)**

Manufacturer: Magnetic Autocontrol GmbH

Quantity: ..... Unit: St EP: ..... GP: .....

[Position: .....]

**Lighting accessories; BELEDDS**

**LED lighting on both sides for MPT\*3\*/MPG/MPB, with 2 lights, powder-coated in RAL7042, with twilight switch (not for mechanical high turnstiles, only for 230V/50Hz)**

Manufacturer: Magnetic Autocontrol GmbH

Quantity: ..... Unit: St EP: ..... GP: .....

[Position: .....]

**Premium roof accessories; ADACHT3R**

**Raised roof for MPT\*3\*, powder-coated in RAL 7042**

Manufacturer: Magnetic Autocontrol GmbH

Quantity: ..... Unit: St EP: ..... GP: .....

[Position: .....]

**Premium roof accessories; ADACHT3FX**

**Raised roof for MPT\*3\*, powder-coated in special colour**

Manufacturer: Magnetic Autocontrol GmbH

Colour type: ..... Quantity: ..... Unit: St EP: ..... GP: .....

[Position: .....]

**Premium roof accessories; ADACH2T3R**

**Raised roof for 2 MPT\*3\* side by side, powder-coated in RAL7042**

Manufacturer: Magnetic Autocontrol GmbH

Quantity: ..... Unit: St EP: ..... GP: .....

[Position: .....]

**Premium roof accessories; ADACH2T3FX**

**Raised roof for 2 MPT\*3\* side by side, powder-coated in special colour**

Manufacturer: Magnetic Autocontrol GmbH

Colour type: ..... Quantity: ..... Unit: St EP: ..... GP: .....

[Position: .....]

**Premium roof accessories; PDACHT3R**

**Free-standing pent roof for MPT\*3\*, powder-coated in RAL7042 (4 posts)**

Manufacturer: Magnetic Autocontrol GmbH

Quantity: ..... Unit: St EP: ..... GP: .....

[Position: .....]

**Premium roof accessories; PDACHT3FX**

**Free-standing pent roof for MPT\*3\*, powder-coated in special colour (4 posts)**

Manufacturer: Magnetic Autocontrol GmbH

Colour type: ..... Quantity: ..... Unit: St EP: ..... GP: .....

[Position: .....]

**Premium roof accessories; PDACH2T3R**  
**Free-standing pent roof for 2 MPT\*3\*, powder-coated in RAL7042 (6 posts)**  
Manufacturer: Magnetic Autocontrol GmbH

Quantity: ..... Unit: St EP: ..... GP: .....

[Position: .....]

**Premium roof accessories; PDACH2T3FX**  
**Free-standing pent roof for 2 MPT\*3\*, powder-coated in special colour (6 posts)**  
Manufacturer: Magnetic Autocontrol GmbH

Colour type: ..... Quantity: ..... Unit: St EP: ..... GP: .....

[Position: .....]

**Premium roof accessories; PDACH3T3R**  
**Free-standing pent roof for 3 MPT\*3\*, powder-coated in RAL7042 (8 posts)**  
Manufacturer: Magnetic Autocontrol GmbH

Quantity: ..... Unit: St EP: ..... GP: .....

[Position: .....]

**Premium roof accessories; PDACH3T3FX**  
**Free-standing pent roof for 3 MPT\*3\*, powder-coated in special colour (8 posts)**  
Manufacturer: Magnetic Autocontrol GmbH

Colour type: ..... Quantity: ..... Unit: St EP: ..... GP: .....

[Position: .....]

**Premium roof accessories; BSS104**  
**Mounting kit for pent roof on foundation frame, set for 2 posts**  
Manufacturer: Magnetic Autocontrol GmbH

Quantity: ..... Unit: St EP: ..... GP: .....

[Position: .....]

**Premium roof accessories; BSS105**  
**Fastenings kit for pent roof on ground, set for 2 posts**  
Manufacturer: Magnetic Autocontrol GmbH

Quantity: ..... Unit: St EP: ..... GP: .....

[Position: .....]

**Accessories Premium foundation frame; FURAT3  
Foundation frame for MPT\*3\* without roof**

Manufacturer: Magnetic Autocontrol GmbH

Quantity: ..... Unit: St Packaging unit: ..... GP: .....

[Position: .....]

**Premium foundation frame accessories; FURAT3D  
Foundation frame for MPT\*3\* with pent roof**

Manufacturer: Magnetic Autocontrol GmbH

Quantity: ..... Unit: St Packaging unit: ..... GP: .....

[Position: .....]

**Accessories Premium foundation frame; FURAAD2T3  
Foundation frame for 2x MPT\*3\* with roof structure**

Manufacturer: Magnetic Autocontrol GmbH

Quantity: ..... Unit: St EP: ..... GP: .....

[Position: .....]

**Accessories Premium foundation frame; FURA2T3D  
Foundation frame for 2x MPT\*3\* with pent roof**

Manufacturer: Magnetic Autocontrol GmbH

Quantity: ..... Unit: St EP: ..... GP: .....

[Position: .....]

**Premium foundation frame accessories; FURA3T3D  
Foundation frame for 3x MPT\*3\* with pent roof**

Manufacturer: Magnetic Autocontrol GmbH

Quantity: ..... Unit: St EP: ..... GP: .....

[Position: .....]

**Premium foundation frame accessories; KHADS100  
Adapter set for FURAT3/FURAT3D for cage half with locking bar**

Manufacturer: Magnetic Autocontrol GmbH

Quantity: ..... Unit: St EP: ..... GP: .....