

FULL HEIGHT TURNSTILE

GA3-2-3



 **GASTOP**

# COMFORT OF PASSAGE

FIRSTLY



# INTUITIVE

CONFIGURATION

## DEVICE DESCRIPTION

Double, full height turnstile equipped with two, three section rotors enabling the use of two passages at the same time. The device designed to assist pedestrian access control at guarded passage ways.

### Examples of use:

- points of ticket control and access control for passenger traffic,
- airports/seaports,
- passages for authorised personnel, directing passenger traffic,
- points of access control in secured buildings (e.g. state offices such as border crossing points, other services),
- points of ticket control and fees at museums, theatres, cinemas, exhibitions, fair areas, show facilities, paid toilets, points of ticket control at sports facilities, e.g. swimming pools, stadiums, other sports and show facilities,
- access and time attendance control points in working places, e.g. offices, dedicated areas in factories.





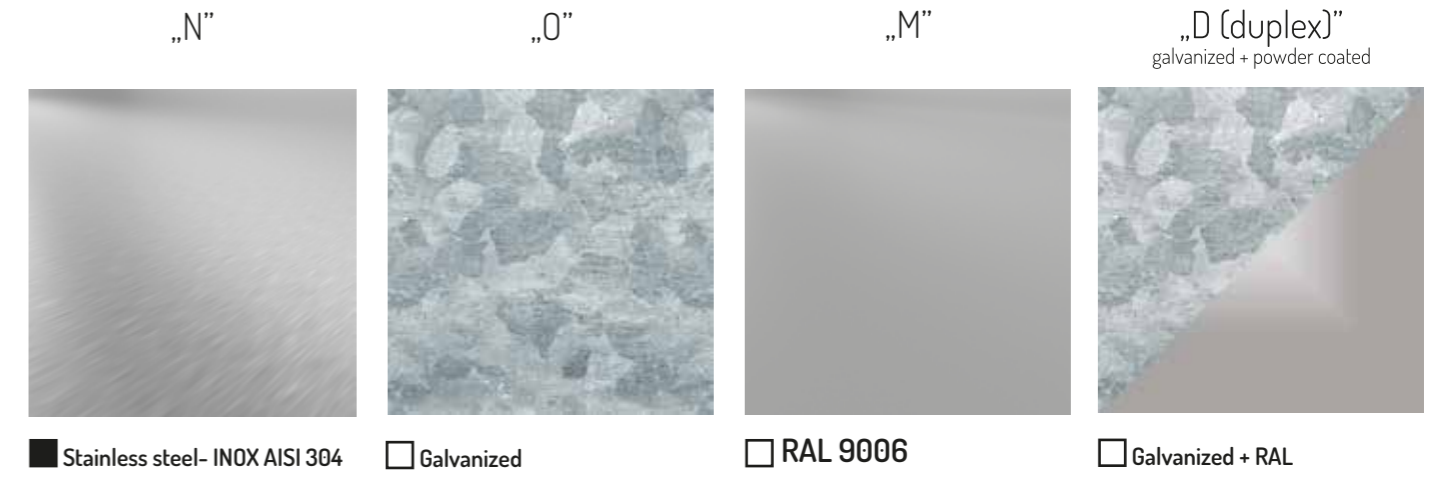
## VERSATILITY OF USE

SITE-SPECIFIC FOR EACH FACILITY

# DEVICE DESCRIPTION



# FINISH OPTIONS

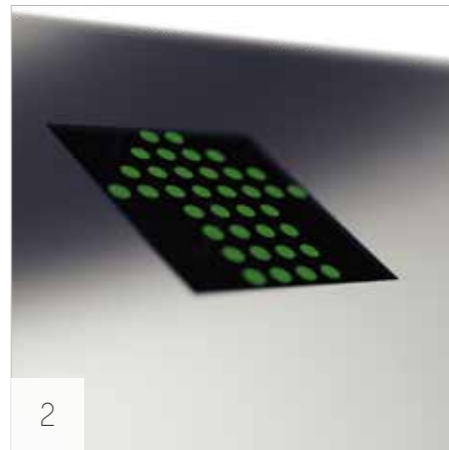


## RAL COLOR PALETTE EXAMPLES



Standard finish  
 Non-standard colour/non-standard finishing

# FUNCTIONS



## 1. NEW CONTROL MODULE

Screen allowing configuration through the program's MENU. Clear MENU gives possibility to change many of the device's parameters.

## 2. LED PICTOGRAMS

Led pictograms show active/inactive traffic directions in the passage. The red color shows the inactive/blocked traffic direction (the device blocks the passage). The green color shows active/unblocked traffic direction.

## 3. ENTRY AND EXIT CONTROL

The device's mechanism is equipped with a system supporting pedestrian traffic control in both traffic directions (entry/exit from the control zone). In case of pedestrian traffic "collision", the chip remembers external signals received alternately.

## 4. BACKWARD MOTION LOCKING SYSTEM

Locking the backward motion disables the arms rotation in the direction opposite to the one defined by the external controlling device.

## 5. ARM MOTION BOOSTER

The mechanism of the device is equipped with a mechanical system supporting the rotation of the rotor. This system, after applying force to the rotor's arm (thrust), helps rotate the rotor to the starting position.

# TECHNICAL SPECIFICATIONS

## MECHANISM GA3

- Blockade system for the rotor.
- Backward motion locking system.
- Auto unlocking in case of power failure.
- Mechanical arm support.
- Anti-collision system.

## ELECTRONIC SYSTEM

- Control input (0V signal) for each traffic direction separately
- 1 x feedback signal informing about the rotation of the rotor (NC or NO).
- 1 x input to calibrate the arms' position.
- 1 x input to program the processor.

## SPECIFICATIONS

PARAMETER	VALUE
Power supply voltage:	(x2) ~24VAC
Maximum power consumption:	(x2) 90 VA
Minimum power consumption:	(x2) 2 A
Control signal (customizable):	(max. 1 sec)
Feedback signal (customizable):	0V NO/NC
Operating temperature:	-25° to +50° C [-13° to 122°F]
Temperatura przechowywania:	-30° to +60° C [-22° to 140°F]
IP protection rate:	IP 43*
Relative humidity:	10-80%

\* there is a possibility of increasing the degree of IP protection at the stage of ordering

It is not possible to manually unlock the mechanism in the event of a power failure. We recommend installing a reverse coil to automatically unlock the mechanism after a power failure.

## DEVICE NAMING SCHEME

Marking description	Series	Number of lanes	Number of rotor wings	Finish type		
				Body	Roof	Rotor
Example	GA3	2	3	N	N	N

### Examples of markings:

- GA3-2-3 NNN - GA3 series, number of lanes - 2, number of rotor wings (arms sections) - 3, finish type: stainless rotor, stainless body, stainless roof.

### Available finishes:

- N - stainless
- M - powder coated
- O - galvanized
- D (duplex) - galvanized + powder coated

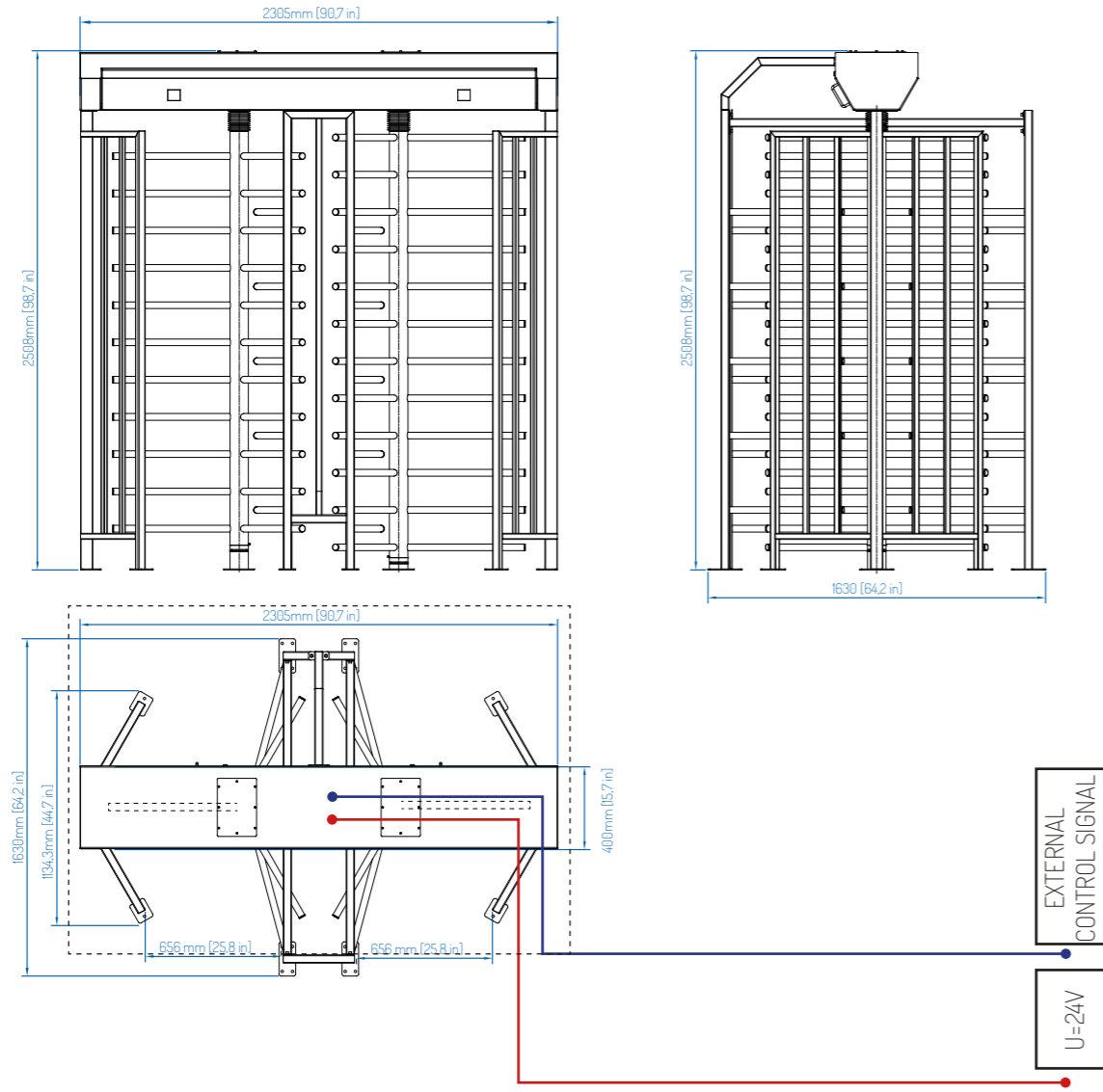
**NOTE:** Standard finish includes AISI 304 (INOX) stainless steel.



Additional materials and how-to videos available at [www.gastopgroup.com](http://www.gastopgroup.com)

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# DIMENSIONS



- KEY:
- External control signal - S/UTP cable
  - 24 V supply - ØMY wire 3x1.5mm
  - Foundation

Notes:



EU: [GASTOPGROUP.COM](http://GASTOPGROUP.COM)  
USA: [GASTOP.US](http://GASTOP.US)



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