

FULL HEIGHT TURNSTILE

# BL-1-3

VERSIONS:

ZA3-BL-1-3

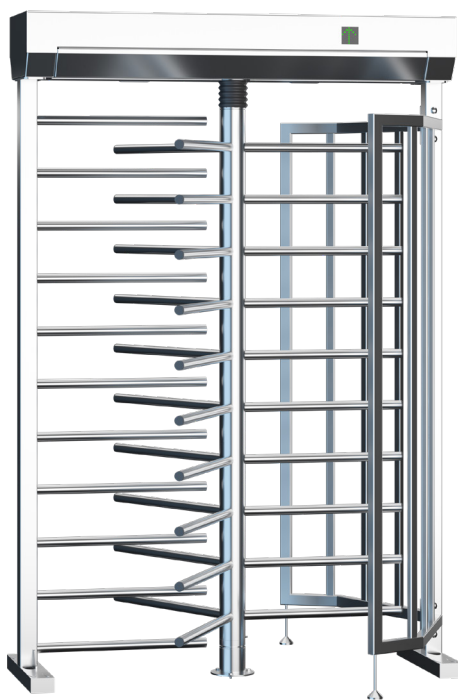
ELECTROMECHANICAL  
(MOTOR)

GA3-BL-1-3

ELECTROMECHANICAL

MA3-BL-1-3

MECHANICAL



 **GASTOP**





## VERSATILITY

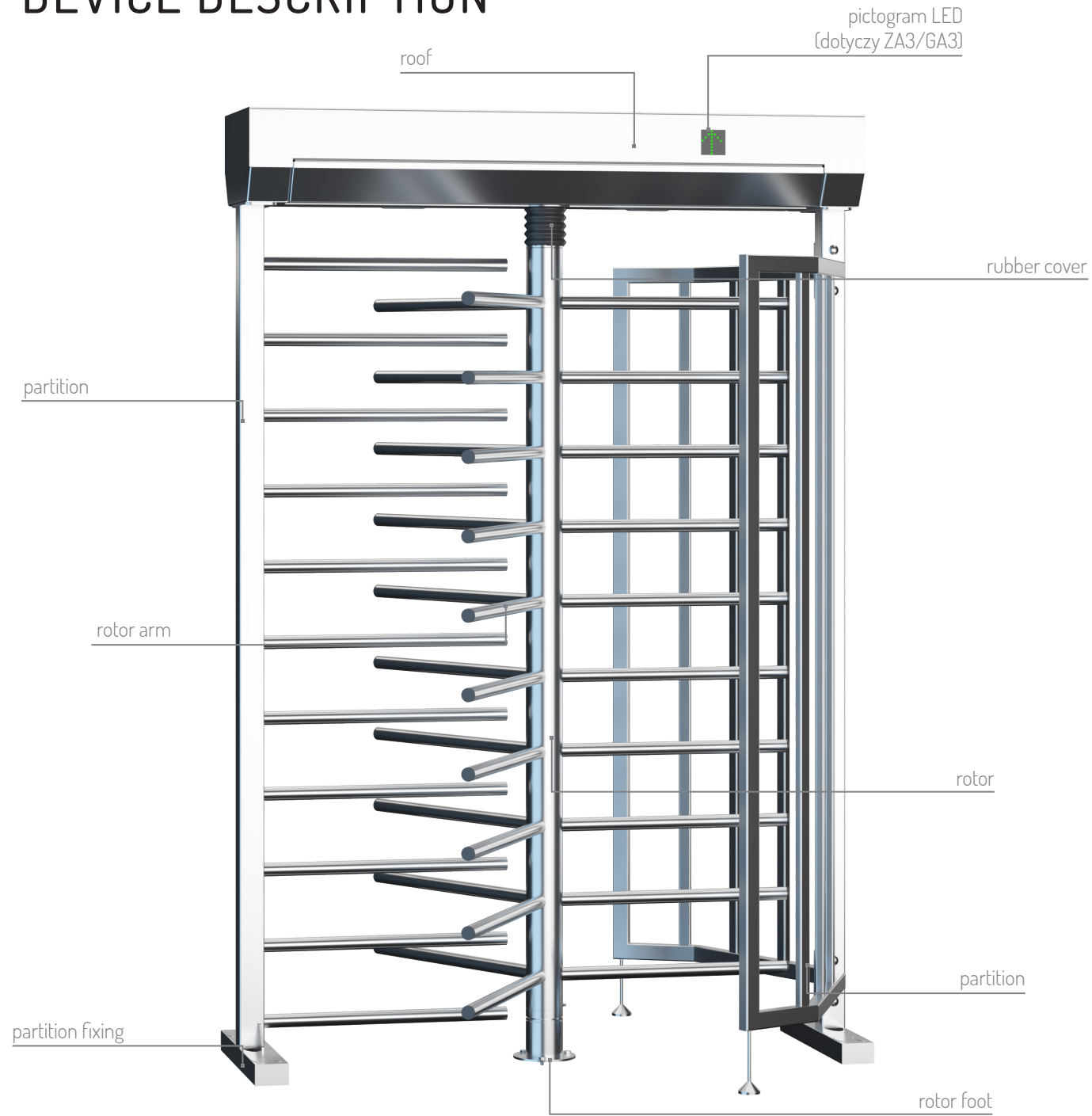
Single, full height turnstile. The three sections of the rotor arms allow for comfortable passage. The device designed to assist pedestrian access control at guarded passage ways.

### Examples of use:

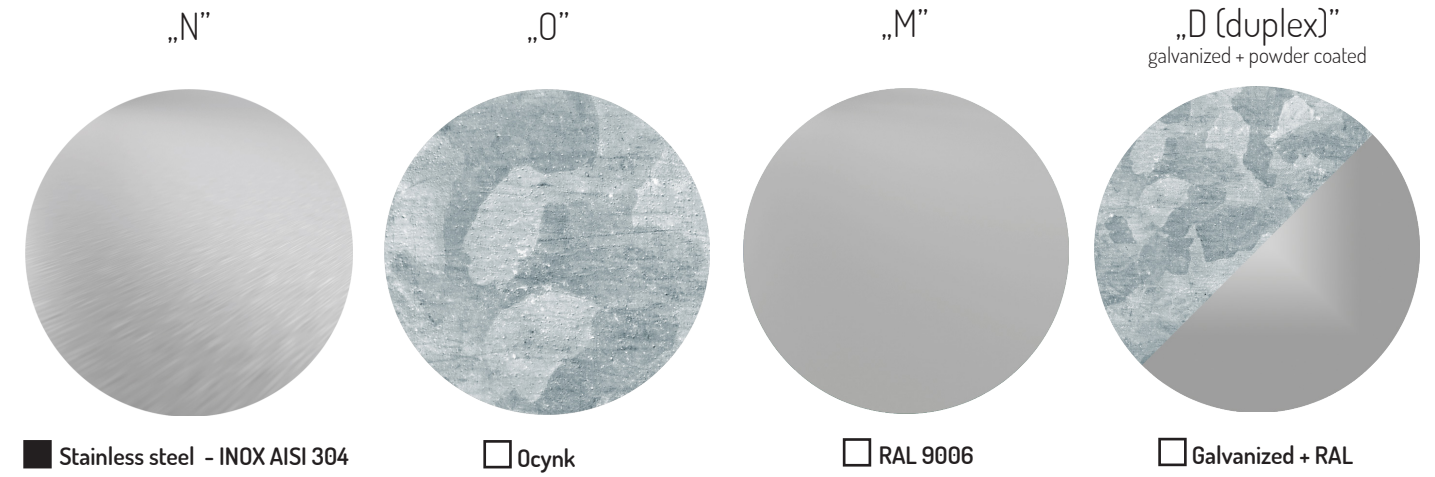
- points of ticket control and access control for passenger traffic, airports/seaports,
- passages for authorised personnel, directing passenger traffic,
- points of ticket control at sports facilities, e.g. swimming pools, stadiums, sports and show facilities,
- access and time attendance control points in working places, e.g. offices, dedicated areas in factories.



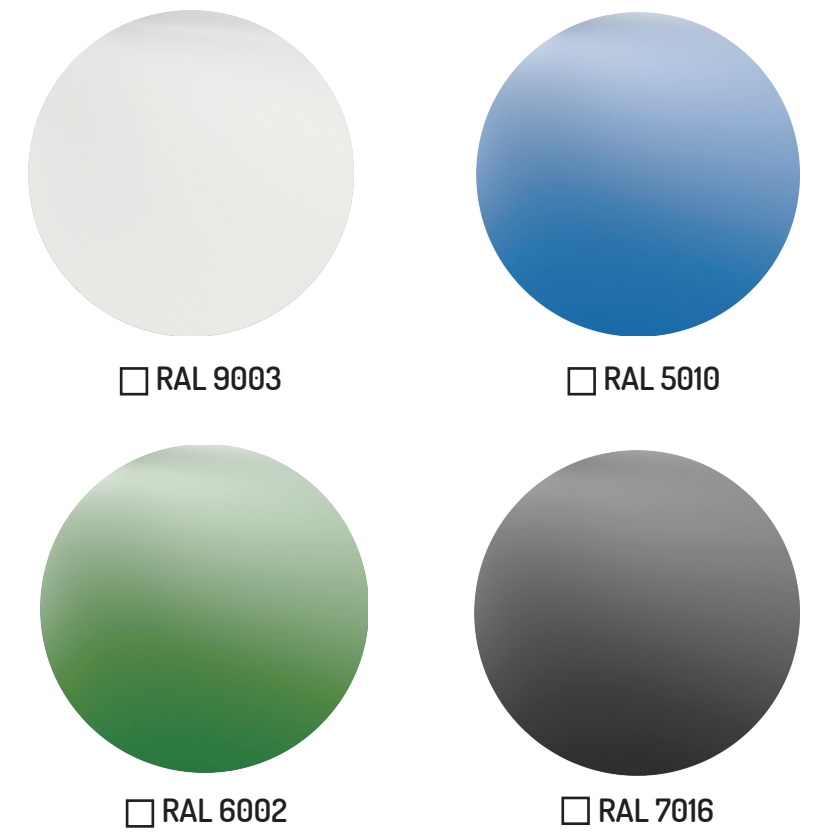
# DEVICE DESCRIPTION



# FINISH OPTIONS



## RAL COLOR PALETTE EXAMPLES



Standard finish  
 Non-standard colour/non-standard finishing

# DEVICE CONTROLLER (ZA3/GA3)



## IMPORTANT FEATURES

QUEUE LENGTH CONFIGURATION  
(SIGNAL MEMORY)

DISPLAYING OPERATION PARAMETERS /  
CONFIGURATION OF WORKING MODES

LANGUAGE SELECTION

CONFIGURATION OF UNLOCKING TIME /  
FEEDBACK CONFIGURATION

TEST MODE /  
CALIBRATION

## MAIN INPUTS / OUTPUTS

ENTRY

CARD READER

BUTTON

EXIT

CARD READER

BUTTON

## INFORMATION ON THE EXECUTION OF THE TRANSITION CYCLE

FEEDBACK  
(ENTRY)

FEEDBACK  
(EXIT)

INPUT (LOCK)

TO LOCK  
TRANSITION SECTION E.G. WITH A METAL DETECTOR OR BMS

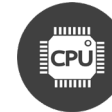
INPUT (FIRE PROTECTION)

TO UNLOCK  
TRANSITION SECTION E.G. WITH A FIRE PROTECTION SYSTEM



# VERSION ZA3

ELECTROMECHANICAL  
(MOTOR)



**CONTROL: MAGTRONIC**  
The mechanism is adapted to work with the MACTRONIC electronic system enabling, among others, settings of operating modes, diagnostics, control with external systems.



**MODES OF OPERATION**  
The device enables operation in various modes, e.g. pedestrian traffic control for both traffic directions or pedestrian traffic control for any selected traffic direction.



**EASY CONFIGURATION**  
Operation modes and functions can be easily configured via the control panel with display and manipulator.



**LED PICTOGRAMS**  
Visual signaling (diode pictograms) inform about the directions of possible traffic in the crossing section that are turned on and off.



**PRECISE ROTOR POSITION MEASUREMENT SYSTEM**  
The device is equipped with an electronic rotor position measurement system, which, using an encoder, allows you to control the operation of the locking system and smooth rotor movement.



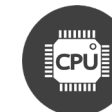
**ASSISTING MOVEMENT OF ROTOR**  
The mechanism of the device is equipped with an electromechanical system supporting the rotation of the arms.



**LOCKING SYSTEM**  
The device has a system that unlocks the device in the event of a power failure.

# VERSION GA3

ELECTROMECHANICAL



**CONTROL: MAGTRONIC**  
The mechanism is adapted to work with the MACTRONIC electronic system enabling, among others, settings of operating modes, diagnostics, control with external systems.



**MODES OF OPERATION**  
The device enables operation in various modes, e.g. pedestrian traffic control for both traffic directions or pedestrian traffic control for any selected traffic direction.



**EASY CONFIGURATION**  
Operation modes and functions can be easily configured via the control panel with display and manipulator.



**LED PICTOGRAMS**  
Visual signaling (diode pictograms) inform about the directions of possible traffic in the crossing section that are turned on and off.



**MECHANICAL ROTOR POSITIONING**  
The device has a mechanical system for positioning the rotor arms.



**ASSISTING MOVEMENT OF ROTOR**  
The mechanism of the device is equipped with a mechanical-pneumatic system supporting the rotation of the arms.



**LOCKING SYSTEM**  
The device has a system that unlocks the device in the event of a power failure.

# VERSION MA3

MECHANICAL



**BLOCKING SELECTED DIRECTION OF MOVEMENT**  
Possibility to block the selected direction of movement with a key.

# PARAMETERS

PARAMETR	VALUE / VERSION		
	ZA3	GA3**	MA3
Power supply voltage:	-24VAC	-24VAC	not applicable (mechanical version)
Peak current:	130 VA	90 VA	not applicable (mechanical version)
Minimum power consumption:	5 A	2 A	not applicable (mechanical version)
Control signal:	(max. 1 sek)	(max. 1 sek)	not applicable (mechanical version)
Feedback signal:	potential-free NO / NC	potential-free NO / NC	not applicable (mechanical version)
Operating temperature:	-25° do +50° C	-25° do +50° C	-25° do +50° C
Storage temperature:	-30° do +60° C	-30° do +60° C	-30° do +60° C
IP protection rate:	IP 43*	IP 43*	IP 43*
Relative humidity:	10-80%	10-80%	10-80%

\* it is possible to increase the degree of IP protection at the stage of ordering

\*\* The possibility of installing a reverse coil (at the stage of ordering) in order to automatically unlock the mechanism after a power failure.

# DEVICE NAMING SCHEME

MECHANISM TYPE	HOUSING TYPE	NUMBER OF LANES	NUMBER OF ROTOR WINGS	FINISH TYPE		
				BODY	ROOF	ROTOR
ZA3 / GA3 / MA3	BL	1	3	N / O / D / M	N / O / D / M	N / O

Examples of markings:

- ZA3-BL-1-3 NNN - mechanism ZA3, housing type - BL, number of lanes - 1, number of rotor wings - 3, rfinish type: stainless rotor, stainless body, stainless roof.

Available finishes:

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

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

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# ADDITIONAL OPTIONS

## ROOFING \*

D1

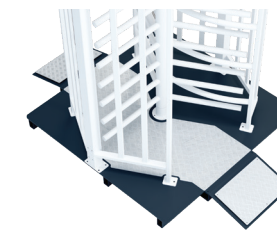


DP2



## PLATFORMS \*

PS1



PSN-2



## CONTROL PANELS \*

P1



P2



## POWER SUPPLY \*



## FENCE, GATEWAY \*

FS - GATEWAY



WS - FENCE



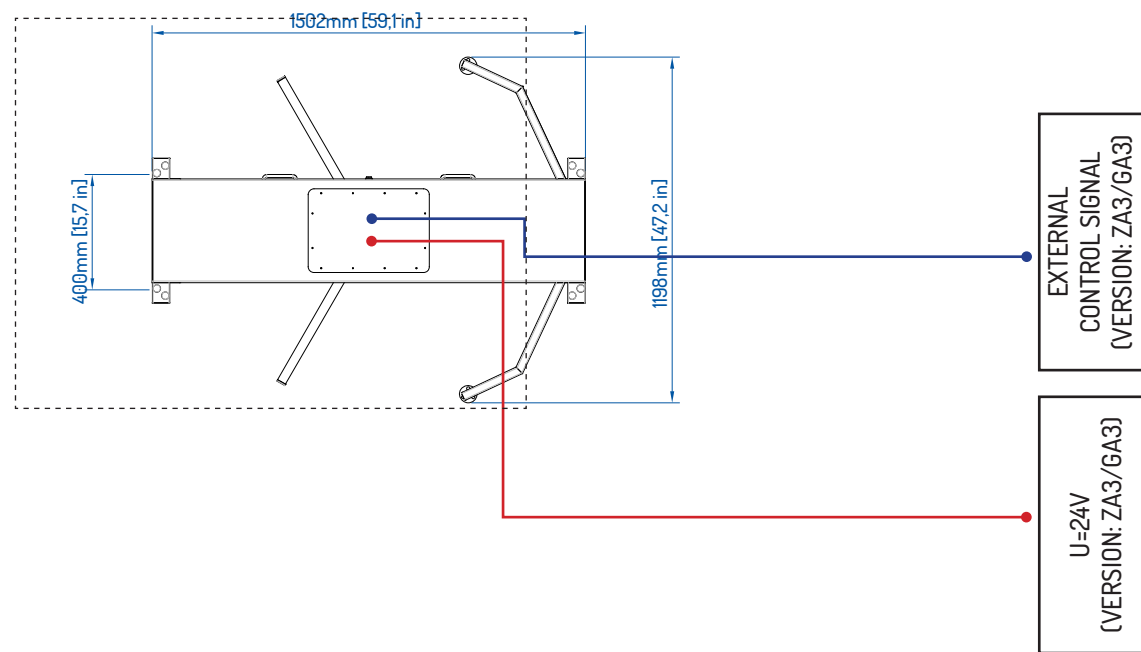
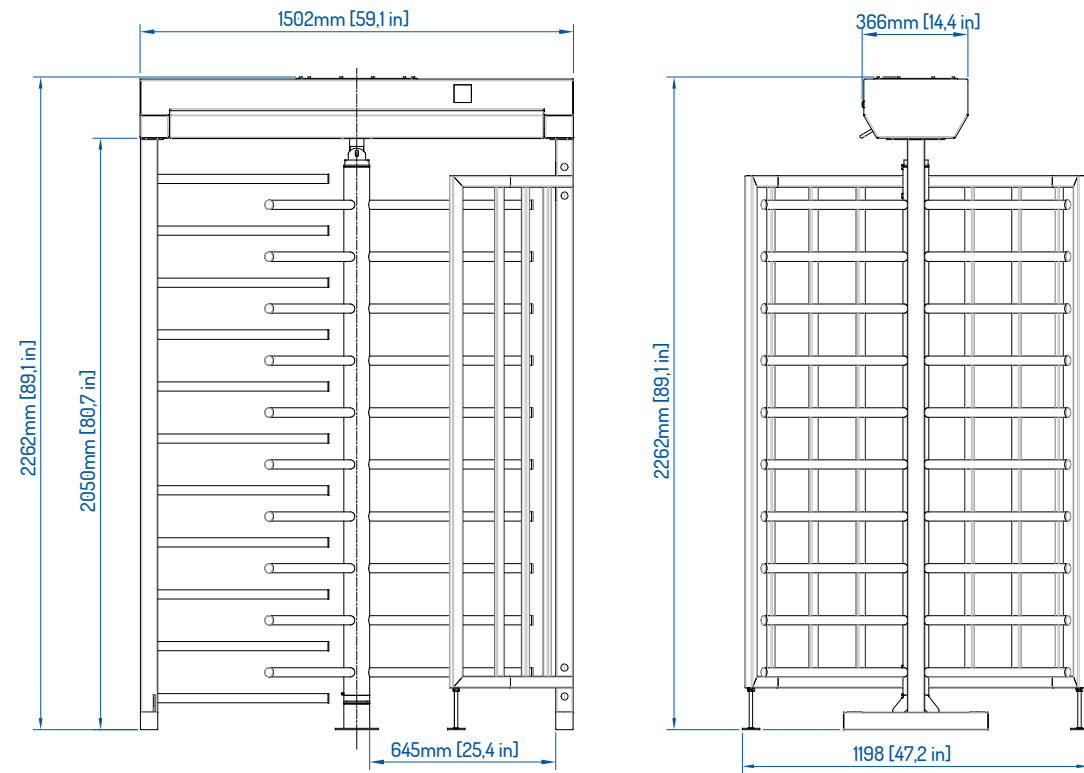
SS - Post



\*Optional equipment is not included in the equipment of the device.



# DIMENSIONS



## KEY:

- External control signal - S/UTP cable (version: ZA3/GA3)
- 24 V supply - ØMY wire 3x1.5mm (version: ZA3/GA3)
- Foundation

Notes:



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



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