

— WHY COMINFO?



About COMINFO



Founded
in Zlin, Czech Republic

1990



Global Presence
Countries

80



Net Sales
in 2021 | million EUR

14.2



Employees
in Czech production plant

160



Turnstiles & Speed gates
annual production

2,000



SUPERB: As slim as can be

- Extremely slim cabinets (99 mm)



SUPERB: As equipped as can be

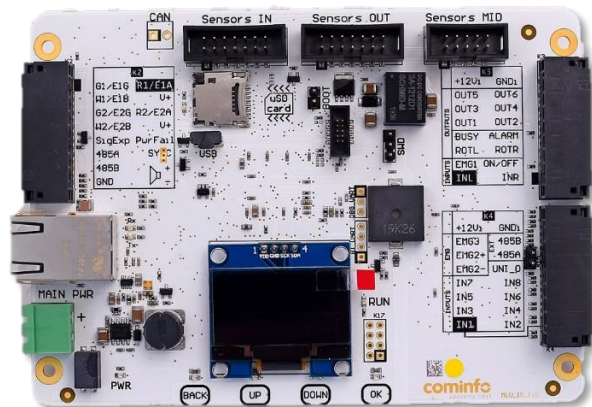
- Intelligent light guidance
- Safety sensors (24 pairs)
- Option for high glass wings (180 cm)
- Card collector integration
- Bar/QR code scanner integration
- Liftcall MINI integration
- Colour variability (metal imitation, RAL)



Why COMINFO?

- Product variability and wide range of accessories allow **tailor-made solutions**
- **Quality** focused production with high level of working
- **Advanced MLU10 electronic control board** with option to assign specific IP address to each lane / turnstile / gate (Ethernet)
- **Patent protected IR rays reading** through glass wing (Schauter + Bachmann) + high number of sensors
- Special **Safety & Security functions**
- **Patent protected motor**: MDD (Magnetic Direct Drive) drive with 15,000,000 MCBF
- **SW Applications** for Control, Configuration and diagnostics (TMON, Tconf, Tdiag, Tserv, Tconnect)
- **Outdoor solutions** wide range (wider than what competitors offer)
- Special **customized finishes** matching with the architecture of the building

Advanced Technologies: MLU10 Control Board Unit



In 2021 we introduced a new generation of turnstile control board – COMINFO MLU10.

New connection interface allows technicians to get connected with EasyGates from anywhere and anytime.

TIME SAVING, COMFORT, EFFICIENT SERVICE SUPPORT EVEN BEFORE COMING TO SITE.

A STRONG TOOL ENABLING FAST COLLECTING DATA FOR DIAGNOSTICS, MAINTENANCE AND TROUBLESHOOTING

Advanced technologies: MLU5 upgraded to MLU10

Full height turnstiles, Tripods, Swing gates

EasyGates

x	MLU5	MLU10
Communication interface	RS-485	LAN (full MLU10 performance) RS-485 (small installations) USB (manufacturer use only)
Inputs	4 standard	4 standard 8 configurable
Outputs	4 standard	4 standard 6 configurable
Built-in Diagnostic	No	Yes (Service display)
Max. No. of devices per comm line	30	255
Electronic modules	Separated	Integrated
Internal memory	1 MB	4GB
Communication with turnstile	On-site only	On-site & Remote
Dimensions	140 x 100mm	140 x 100mm

Technologies: Patent Protected IR Sensors Solution

- Synchronized IR sensors (better detection of passages, tailgating, thin subjects)
- High performance even in direct sunshine.
- If some sensors fail, other IR sensors are able to cover the passage area fully.
- Patent protected technology by Schauter + Bachmann allowing IR rays passing through glass detection (when glass wing is open)!!!
- High number of IR Sensors (18 – 42 sensors, see the EG catalogue)
- Configuration of Safety & Security level. Factory Setting: MAXIMUM SAFETY



Security: Tail Gating

- Thanks to two levels and high density of IR sensors an exact recognition between e.g. pulled luggage or tail gating is possible



Security: Pressure Top Sensor



- Electromagnetic based pressure sensing device
- Adjustable sensitivity by TConf :
 - 5 set up levels (MLU5)
 - 1-100 scale (MLU10)
- Stainless steel + Glass top lid



Safety: Pushthrough Feature



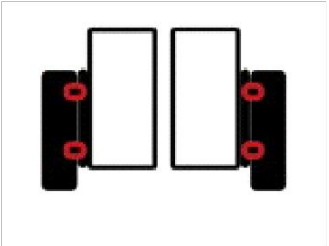
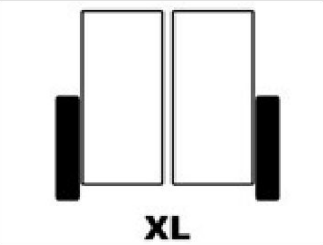
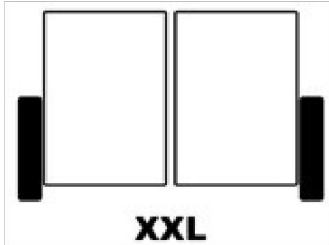
- Glass wings are locked from the ENTRY side, but prepared to be opened from the EXIT side by pushing the glass wings
- Without any external signal
- Pushthrough STANDARD = push force 11 Nm
- Pushthrough ADVANCE = additional internal brake in the motor = configurable push force by TCONF in 4 different levels
- 2 modes = closed after emergency pass / stayed open after emergency pass

Capacity: Card Memory Function

- Another card can be read even before previous person finishes her/his passage (before the wings close down)
- Fluent flow which outstandingly increases number of passages / minute



Security: Wide lanes, Reinforced wings and Dual opening

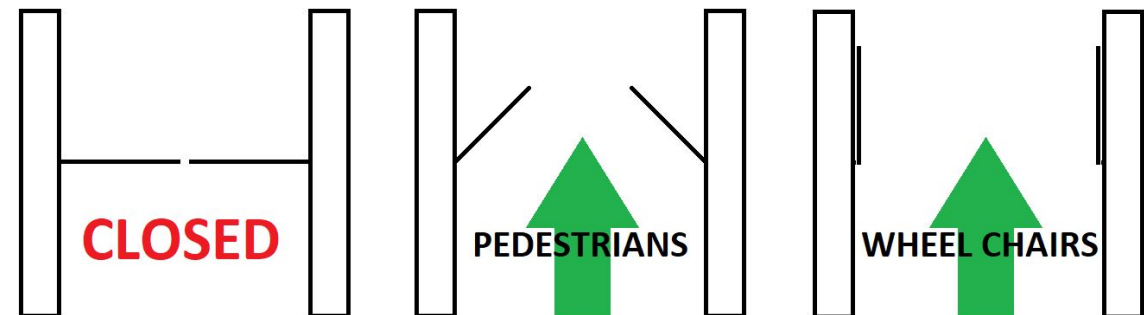
	<p>Heavy duty wing Reinforced hinges</p>
 <p>XL</p>	<p>Wide lane - XL Lane width up to 1200 mm</p>
 <p>XXL</p>	<p>Extra wide lane - XXL Lane width up to 1500 mm</p>

HEAVY DUTY WINGS

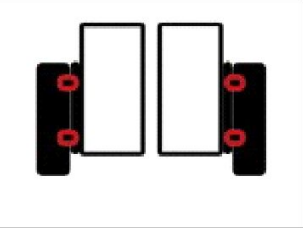
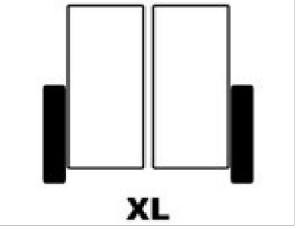
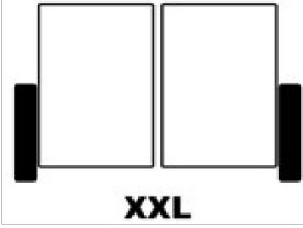
- Standard wing 650 Nm
- Reinforced wing 1050 Nm
- Some other producer offer 350 Nm only

DUAL OPENING

- Full opening for wheel chair passage
- Partial opening for others
- Used for a multifunctional single lane

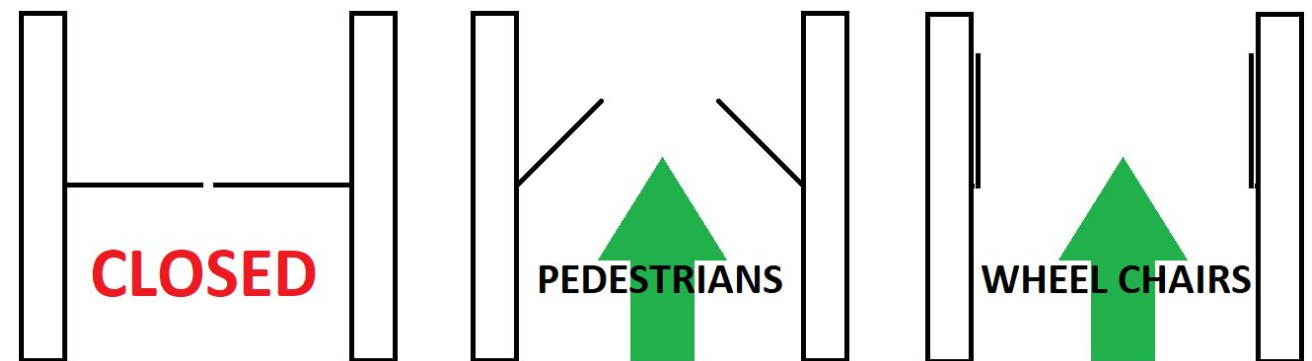


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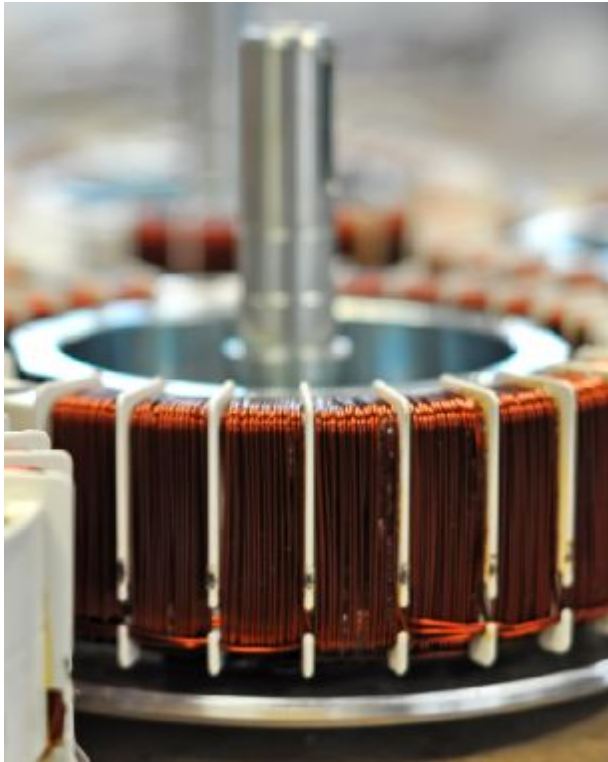
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DUAL OPENING

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Lifetime: MDD motor (patent protected)



- MCBF is 15 million cycles
- Maintenance free
- Brushless → high life time
- Without gearbox → silent operation)
- High speed → opening in 0.5 sec
- Capacity increase → +20% passages / minute

EasyGate Outdoor Solutions

Under roof

Without roof standard

Without roof

only

for standard conditions

for extreme conditions (IP65)



SG1000 Outdoor



SPT-G and SPT-R Outdoor



WN with tube barriers

Design: Variety of special finishes



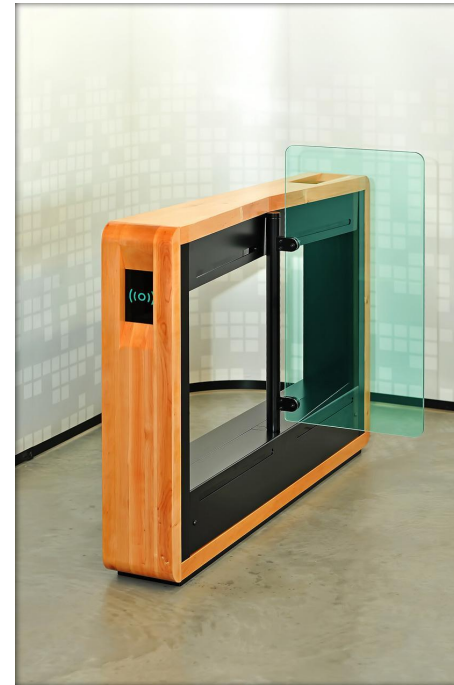
Design: Variety of special finishes



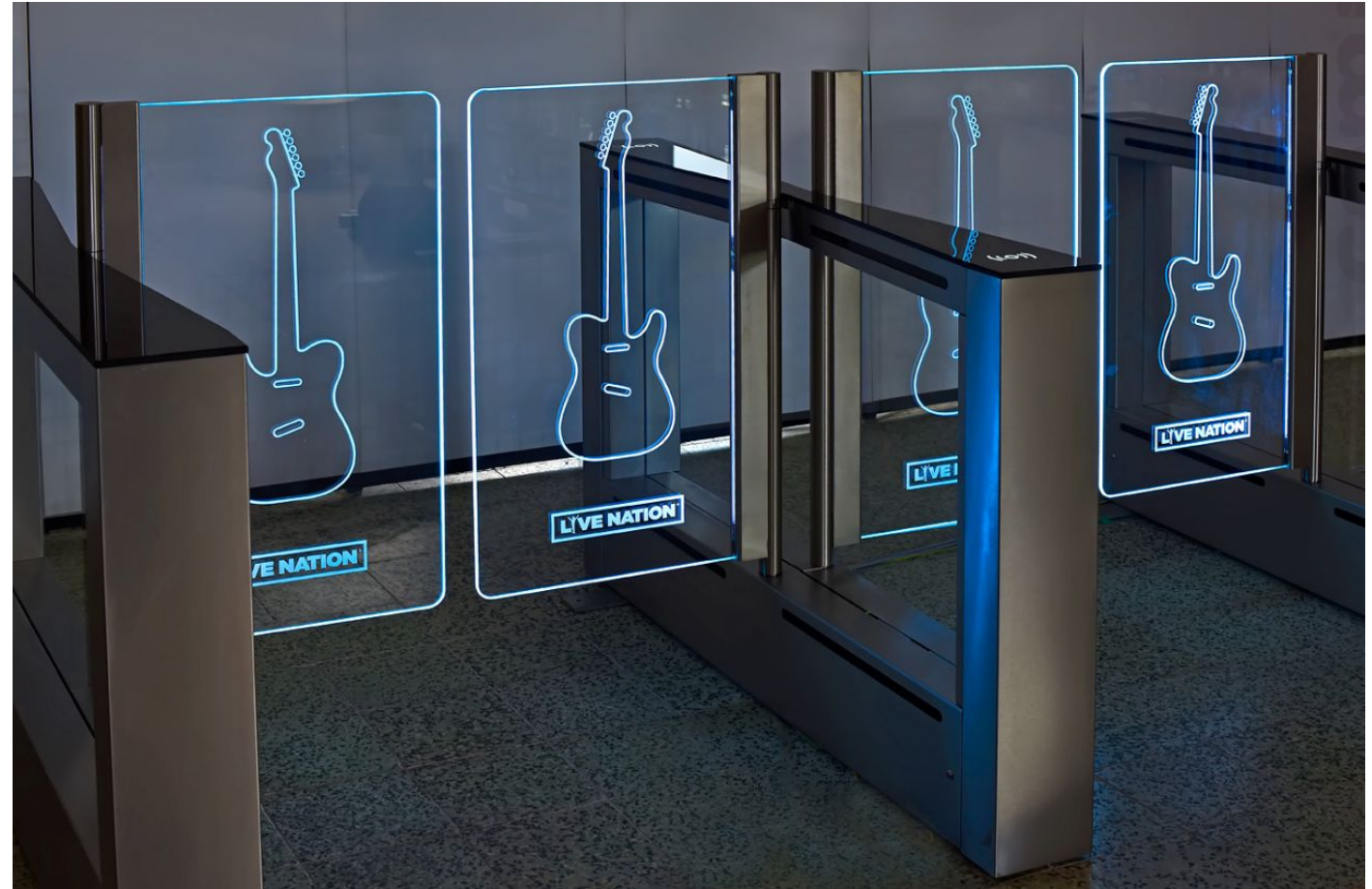
Design: Models with Cladding



Design: Cladding made of Corian, stone or wood



Customization: Customer's Brand Presentation



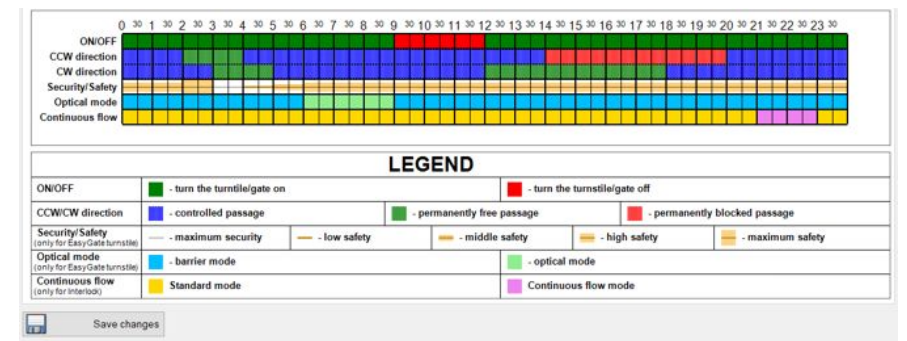
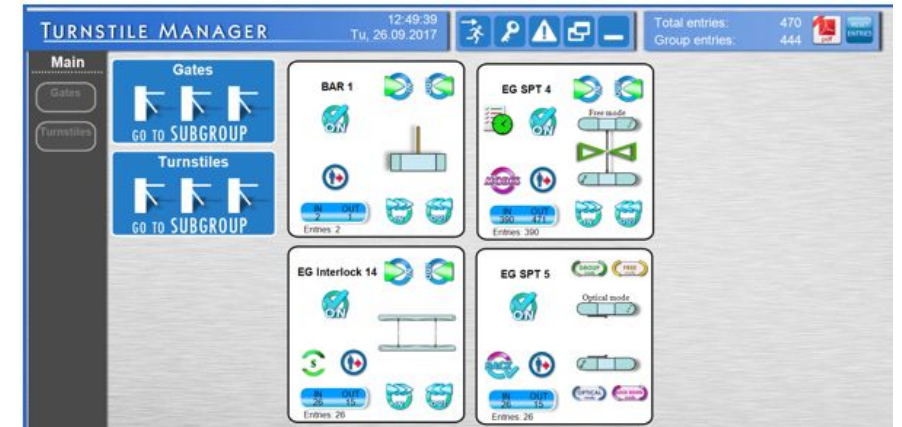
Remote control: Remote Control Panels

- TouchPanel – a basic control panel for the receptions
 - Without display
 - 3 lanes + Emergency exit or 4 lanes
 - Switch ON / OFF + Opening in any direction
- EasyTouch – an advanced control panel for the reception
 - With display
 - Unlimited number of lanes
 - Switch ON / OFF + Opening or Blocking in any direction
 - Operation mode change (Group mode, Optical mode, Blocked, Free exit)
 - Option for Wifi wireless connection



Remote control: SW Applications

- TMON Application – an advanced SW for receptions, security services etc. enabling control, opening, closing, blocking, change of operation mode and event logs download.
- Turnstile scheduler (extension of TMON) or creating day and week passage schedules (incl. holidays)
- Passage counter & statistics (extension of TMON) allowing evidence of motion through turnstiles and speed gates providing data for expert analysis and report.



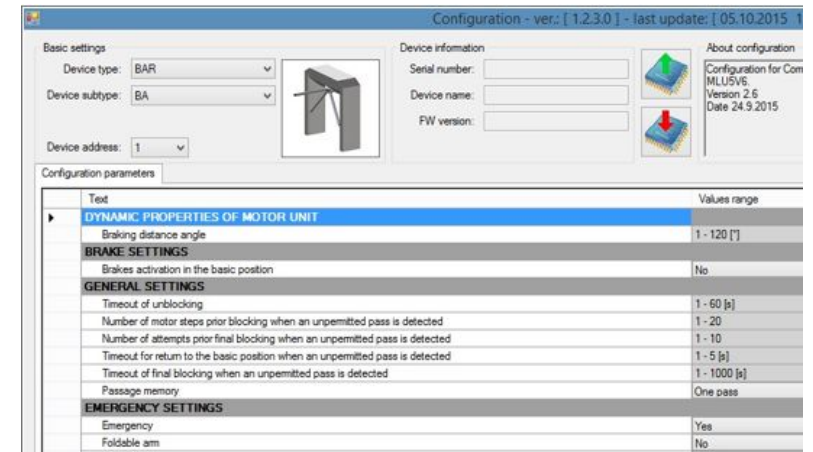
Remote control: People Flow Management

- People Flow Management allows to manage people flow based on maximum allowed capacity.
- People flow is controlled and in case the maximum capacity is reached, the entrance is blocked.
- Real time fulfilled capacity or remaining available capacity can be displayed



Maintenance: SW for Configuration & Diagnostics

- Tconf– strong SW tool for maintenance and changes of settings, FW upgrades, event log and error log downloading.
- Tdiag – Turnstile and speed gates diagnostics tool
- SMN (System Monitoring Network) of smart components communicating with the main control board (turnstile diagnostics).



REXON Full Height Turnstiles



REXON FHT`s: Purpose

- Pedestrians



- REXON DEA 3
(REXON EA 3 DUO)

- Pedestrians + Disabled



- REXON DEA 3 GATE FULL
- GATE passage 900 mm wide

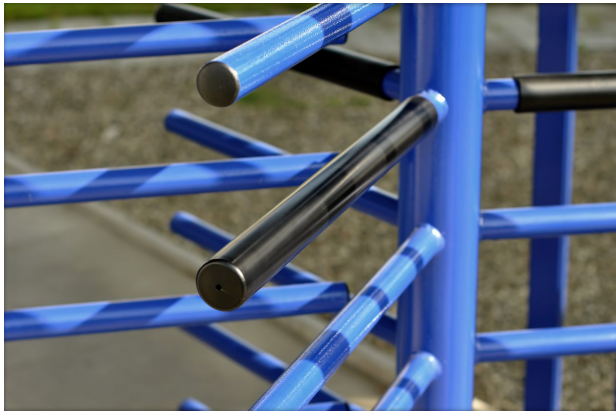
- Pedestrians + Bikes or Scooters



- REXON DEA 3 GATE BIKE
- with option for INDUCTION LOOP

REXON FHT`s: Barrier Type and Function

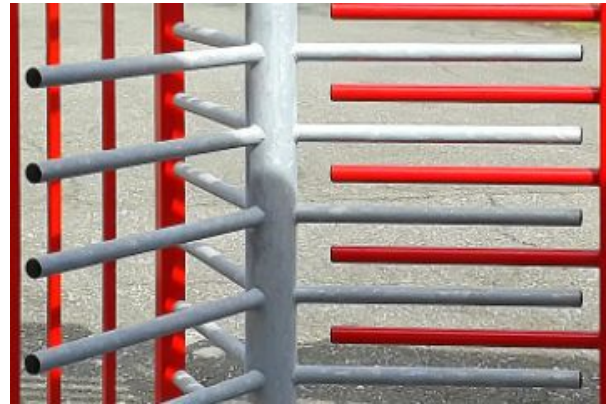
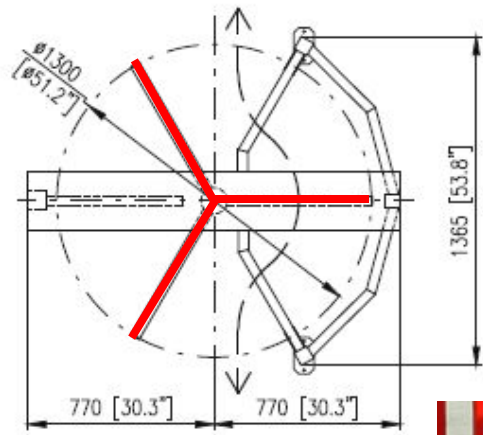
- Straight arms with black caps
- U-shape arms (trombone type)
- Special barriers: Net



- **GO CALL FUNCTION:** A SHORT ROTATION FORWARD INTUITIVELY GUIDES THE USER TO PASSAGE

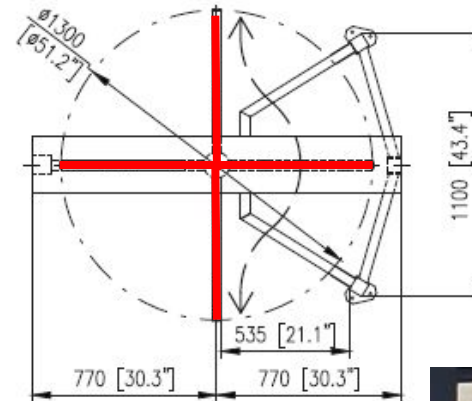
REXON FHT`s: Barrier Type

- 3 door wings (120°)



- 4 door wings (90°) – straight arms only

HIGHEST SECURITY



REXON FHT`s: All for Outdoor

- FHT without roof (also for outdoor)
- FHT with additional roof
- FHT with integrated roof



(REXON BASIC)



(REXON ERA)



(REXON ERA + canopy)



(REXON DEA)

REXON FHT`s: Finishes

- Zinc coated



- RAL painted



- Stainless steel



For information about standard finishes see the pricelist and the technical catalogue.

For optional finishes see the pricelist.

REXON FHT`s: Modified Caseworks

- with Glass



(REXON ERA 3 GS-U)

- With Metal plates



(REXON ERA 4 LE)

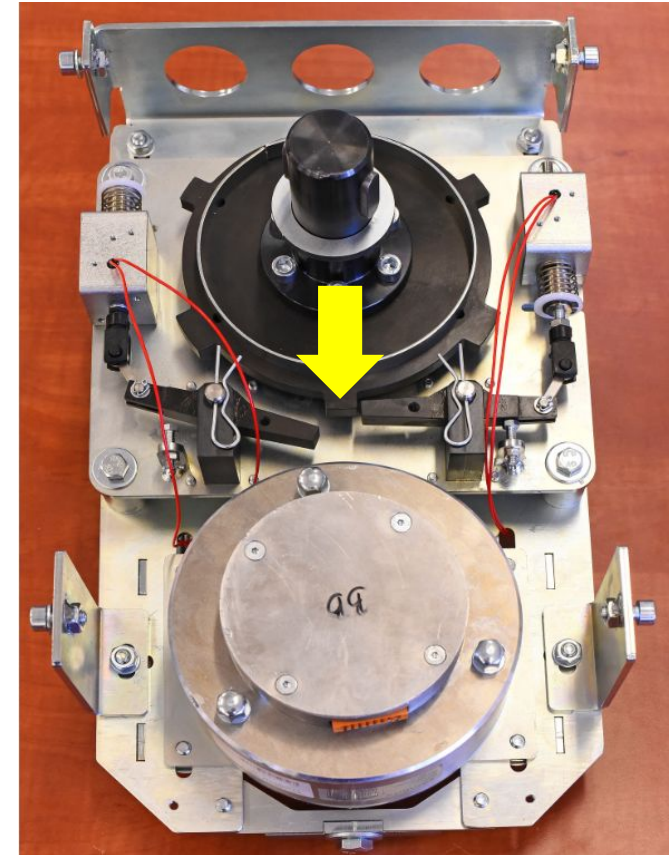
- With Metal meshes




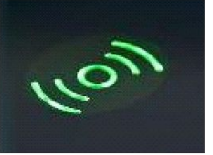
(REXON ERA 3 NET)


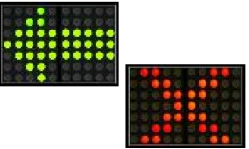
REXON FHT`s: Fail Safe / Fail Lock

- Fail Safe – for maximum safety in case of power failure
- Fail Lock – for maximum security in case of power failure
- Option for mechanical change of operational mode

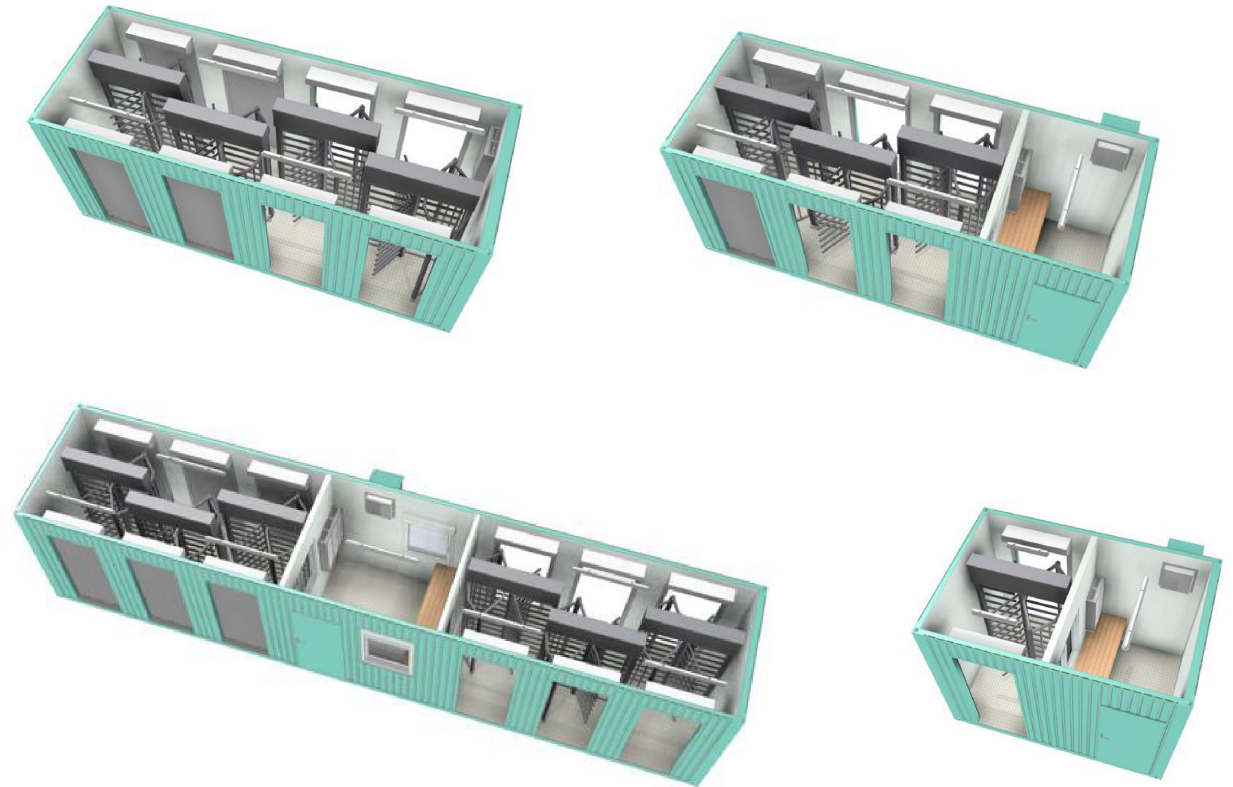


REXON FHT`s: Accessories

19999914		Access Light Bracket	<p>Standard bracket (stainless steel) for Access Light Panel</p> <ul style="list-style-type: none"> - Price per 1 bracket - Access Light Panel and Switch for manual control is not included
50600030		Access Light Panel with Proxy bracket	<p>Proximity icon on top with backlight (white - Standby, green - GO, red - STOP) to inform about access status of the lane</p> <ul style="list-style-type: none"> - Integrated proximity reader bracket - Price per 1 panel (in case of bi-directional operation - 2x panels needed, IN/OUT) - Minimum required reading distance for Proximity reader is 20mm!!!

19999913		Lane Light Bracket	<p>Standard bracket (RAL color painted) for a Lane Light panel</p> <ul style="list-style-type: none"> - RAL colour - no extra charge - Price per 1 bracket - Lane Light is not included
50600022		Lane Light	<p>Information panel (green arrow - GO, red cross - STOP, yellow pictogram - ready) to inform about the status of the turnstile</p> <ul style="list-style-type: none"> - sun readable panel - 2 LED segments; usually 2 panels needed per line (in/out side) - Price per 1 panel (in case of bi-directional operation - 2x panels needed, IN/OUT)

REXON FHT`s: Special Application PORTACC



- Construction sites
- Mining industry

REXON GLASS 1600 and REXON GLASS 1800

- Revolving glass full height turnstile
- Bi-directional controlled passage
- Sensor monitoring prohibited area !!!
- Wings - toughened security 10mm glass
- Diameter 1600 or 1800 mm
- Stainless steel framework
- For indoor use only



SESAMY REFERENCES



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בגלל כל זה COMINFO

