

## ROTATECH FH

Pełnowymiarowa furta z napędem ręcznym

Furty **RotaTech FH** zostały zaprojektowane do pomieszczeń o wysokim natężeniu ruchu. Furty są idealnym rozwiązaniem do kontrolowania ruchu osób wewnątrz lub na zewnątrz budynku.

Furty obrotowe **RoteTech FH** pozwalają na dwukierunkowy, kontrolowany dostęp do obszaru chronionego.

Furty dostępne są w wersji z trzema lub czterema skrzydłami oraz w wielu wariantach i wykończeniach.



### Dostępne modele:

- ROTATECH FHS 90 - furta pojedyncza, 4-ro ramienna
- ROTATECH FHS 120 - furta pojedyncza, 3-y ramienna
- ROTATECH FHD 90 - furta podwójna, 4-ro ramienna
- ROTATECH FHD 120 - furta podwójna, 3-y ramienna
- ROTATECH FH MANTRAP - furta pojedyncza, 4-ro ramienna MANTRAP

### Typowe obszary, w których furty znajdują swoje zastosowanie:

*Zakłady przemysłowe / Budynki rządowe / Instytucje finansowe / Handel / Telekomunikacja / Stadiony  
Tereny wojskowe / Petrochemia / Tereny lotnisk i portów / Parkingi*

Alltech Vehicle Barriers & Turnstiles Solutions also feature:

Boom and Spike Barriers | Bollards | Fast Folding Gates |  
Road and Rated Wedge Blockers | Half Height Turnstiles |  
Tripod Turnstiles | Revolving Doors | Security Booths |  
Special Needs Access Gates

FIND OUT MORE ON [www.alltechbygunnebo.com](http://www.alltechbygunnebo.com)

## ELECTRICAL DATA & CONDITIONS OF USE

POWER	<ul style="list-style-type: none"><li>Power Supply: 220Vac 50Hz / 110Vac 50Hz</li><li>Power Consumption: 35W (ROTATECH FHS) / 70W (ROTATECH FHD)</li></ul>
LOGIC / SOLENOID VOLTAGE	<ul style="list-style-type: none"><li>24VDC</li></ul>
FIRE SIGNAL	<ul style="list-style-type: none"><li>Input for voltage free contact</li></ul>
OPERATING TEMPERATURES	<ul style="list-style-type: none"><li>-10°C to +55°C</li><li>RH 95% no condensing</li></ul>
EMC COMPLIANCE	<ul style="list-style-type: none"><li>According to CE</li></ul>

## SYSTEMS INTEGRATION & ACCESS SPECIFICATIONS

LOGIC	<ul style="list-style-type: none"><li>PLC</li></ul>
SYSTEMS INTEGRATION	<ul style="list-style-type: none"><li>Integrates with any access control and time &amp; attendance systems with 0 voltage input</li><li>0V inputs provided for entry and exit directions of passage</li><li>0V latching input provided for control of both simultaneous and individual entry and exit direction</li><li>0V outputs provided for complete transaction counting in both entry and exit directions</li><li>Mechanical key switch override for locking / unlocking each direction of passage</li></ul>
FLOW RATES <i>Dependent on access control installation</i>	<ul style="list-style-type: none"><li>Insertion Type Reader: Up to 12 passages / mn</li><li>Swipe Type Reader: Up to 15 passages / mn</li><li>Proximity Type Reader: Up to 18 passages / mn</li></ul>
SPECIAL NEEDS ACCESS	<ul style="list-style-type: none"><li>No. Only available in combination with a full height access gate. See Alltech PEDTECH product</li></ul>
POWER FAILURE / EMERGENCY EGRESS	<ul style="list-style-type: none"><li>In the event of power failure or fire alarm, the turnstile may be configured to fail-safe i.e. rotor freely rotates or fail-lock i.e. rotor locks. Either option is available in both or one direction. <i>Choice to be specified at time of order placement</i></li></ul>

## INSTALLATION & MAINTENANCE

PRODUCT DELIVERY	<ul style="list-style-type: none"><li>Fully assembled or in a kit form. Choice to be specified at time of order placement.</li></ul>
SITE PREPARATION	<ul style="list-style-type: none"><li>Flat and leveled finished floor +/- 5mm</li></ul>
CABLING & CONDUITS	<ul style="list-style-type: none"><li>Through the ground and/or through the wall</li></ul>
LOGIC ACCESS	<ul style="list-style-type: none"><li>Housed into top channel with lockable lid</li></ul>
MAINTENANCE ACCESS	<ul style="list-style-type: none"><li>Top channel access</li></ul>
MTRR   <i>Mean Time To Repair</i>	<ul style="list-style-type: none"><li>Approx. 20mn</li></ul>
MCBF   <i>Mean Cycle Between Failure</i>	<ul style="list-style-type: none"><li>5million</li></ul>

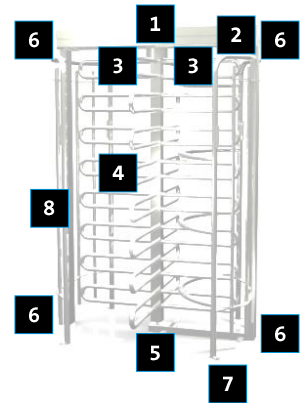
## MECHANICAL AND DESIGN OPTIONS

<b>ROTATION MECHANISM</b>	<ul style="list-style-type: none"> <li>▪ Electronically controlled bi-directional</li> <li>▪ Mechanically controlled uni-directional via key override</li> <li>▪ Free rotation</li> </ul>
<b>LOCKING</b>	<ul style="list-style-type: none"> <li>▪ Fail-lock* auto-lock in the event of a power failure</li> <li>▪ Fail-safe* auto-unlock in the event of a power failure</li> </ul> <p><i>* In the event of power failure or fire alarm, the turnstile may be configured to fail-safe i.e. rotor freely rotates or fail-lock i.e. rotor locks. Either option is available in both or one direction. Choice to be specified at time of order placement.</i></p>
<b>FINISHES OPTIONS</b>	<ul style="list-style-type: none"> <li>▪ Mild steel powder coated to standard RAL 5008 - Charcoal Blue. <i>Other choice of colour available on request Not recommended for corrosive environment applications</i></li> <li>▪ Hot dip galvanised mild steel powder coated to RAL 7004 - Signal Grey. <i>Other choice of colour available on request Suitable for corrosive environment applications</i></li> <li>▪ Brushed 304 stainless steel. <i>Suitable for corrosive environment applications with adequate cleaning program</i></li> <li>▪ Brushed 316 stainless (available on request). <i>For improved durability in corrosive environment applications with adequate cleaning program</i></li> </ul>
<b>ACCESSORIES</b>	<ul style="list-style-type: none"> <li>▪ Access control reader mounting brackets available in various dimensions (standard H145 x W85 x D40mm)</li> <li>▪ Single / dual push button (supplied turnstile mounted or non-mounted)</li> <li>▪ Roof canopy</li> </ul>

## PRODUCT OVERVIEW

### INDEX KEY

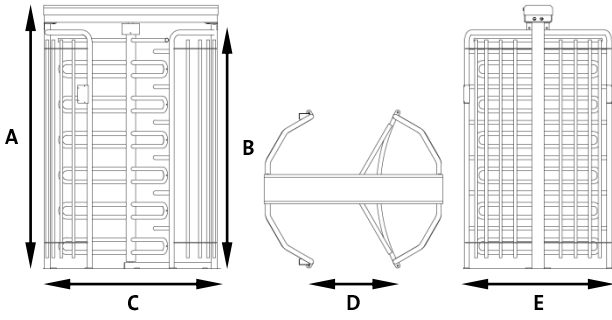
- |   |  |
|---|--|
| <b>1</b> Electro-mechanical head system         | <b>5</b> Base bearing                            |
| <b>2</b> Top channel lockable lid               | <b>6</b> Wiring entry points                     |
| <b>3</b> Mechanical key overrides               | <b>7</b> 13 floor and wall bolting points        |
| <b>4</b> 32mm Ø U-shape arms spaced 150mm apart | <b>8</b> Access control reader mounting position |



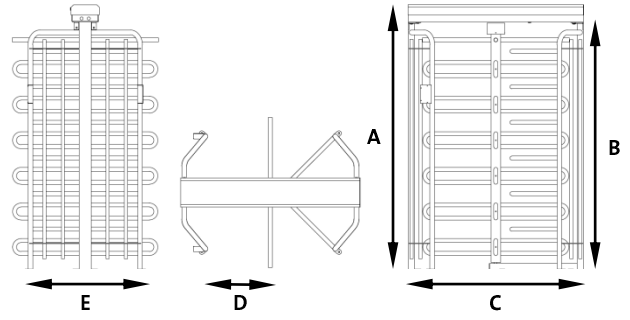
### DIMENSIONS & WEIGHTS

	ROTATECH FHS 90	ROTATECH FHS 120	ROTATECH FHD 90	ROTATECH FHD 120	ROTATECH FH MANTRAP
<b>A: OVERALL HEIGHT</b>	2125mm	2125mm	2125mm	2125mm	2130mm
<b>B: HEIGHT CLEARANCE</b>	1985mm	1985mm	1985mm	1985mm	1985mm
<b>C: OVERALL WIDTH</b>	1400mm	1400mm	2150mm	2150mm	1675mm
<b>D: WALKWAY WIDTH</b>	610mm	610mm	610mm	610mm	610mm
<b>E: TOTAL LENGTH</b>	970mm	1180mm	1185mm	1265mm	1170mm
<b>NET WEIGHT</b>	160kg	160kg	250kg	250kg	230kg

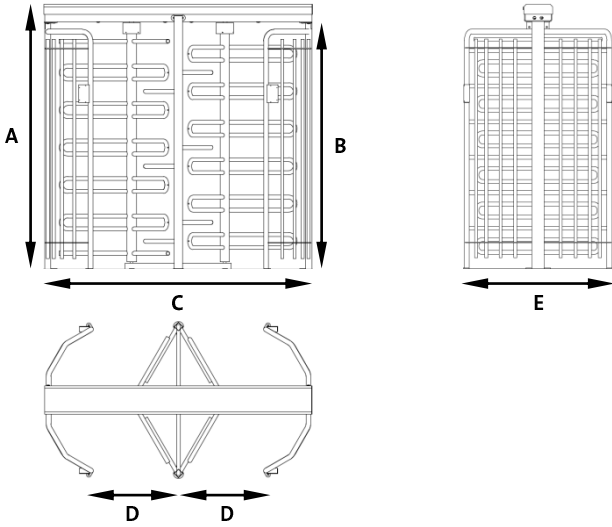
ROTATECH FHS 120



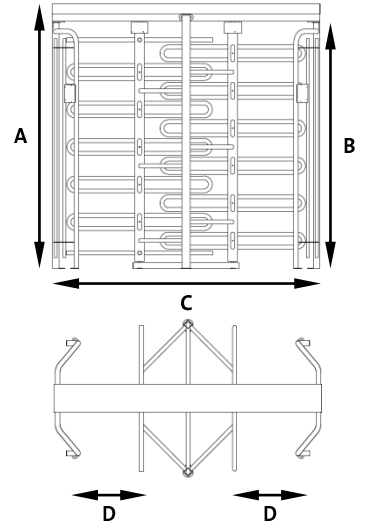
ROTATECH FHS 90



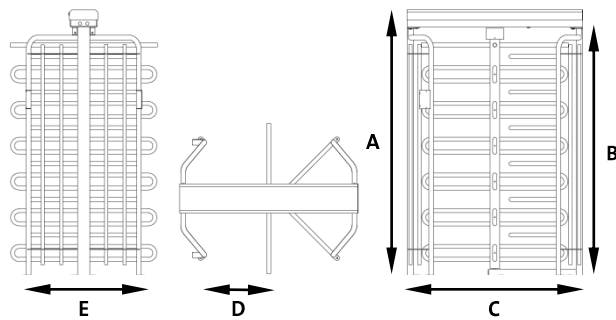
ROTATECH FHD 120



ROTATECH FHD 90



ROTATECH FH MANTRAP





## ALLTECH RELIABILITY

Picking the optimum entrance control solution is a process based on close cooperation with our customers – all the way from **needs analysis**, **production**, to **implementation** and **service**

### From Analysis to Proposal

- Needs analysis forms the basis of a tailored proposal
- Specified for the overall solution and for individual areas of the site
- Fully compliant with all local regulations

### Installation, Testing, Training

- Monitoring and implementing every installation
- Completion programme of functional reliability checks to ensure the equipment is safe
- Documenting each stage of the installation process
- Initiating start-up phase whilst focusing on training of relevant staff

### Operation and Maintenance

- Initiating procedures for operation and maintenance
- Offering adequate Maintenance Plans or Service Level Agreements

With Alltech, a brand of the Gunnebo Security Group, a safe and reliable entrance control system is ready for round-the-clock use.

### CONTACT GUNNEBO AFRICA FOR MORE INFO

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