AUTOMATIC SECURITY BOOTH

- With a wide variety of options, the TURNSTAR MAN-TRAP is the perfect solution for controlling access to any building
- Designed and manufactured to provide a durable and aesthetic access control solution
- Both doors operate automatically and have built-in safety
- Exported worldwide

APPLICATIONS
- Suited for applications requiring medium volume access and high levels of security
- Used extensively at entrances to banks, retail stores, colleges, office blocks and commercial buildings

DESIGNED FOR:
- Interior installations
- Demanding operating conditions

AVAILABLE CONFIGURATIONS
- Three sizes allowing for varying levels of security and comfort
- Single and double

FEATURES
- Frame of powder coated mild steel (structured finish) or 304 grade brushed stainless steel
- 4.5mm 3Cr12 stainless steel base plate with heavy-duty non-slip rubberizing
- Standard glazing of 6.38mm PVB laminated glass (bullet resistant glass available on request)
- Glass surrounds of anodized aluminum
- Door components (per door)
- Automatic door operator
- Recessed 1 000kg monitored strike pin lock
- Mortise lock for night locking
- 304 grade brushed stainless steel pull handle
- Indicators and Lighting
- LED green & red indicator lights
- Low voltage ceiling down lighter
**TECHNICAL SPECIFICATIONS**

| **POWER** | 220 Volt AC (110 Volt AC on request) |
| **FREQUENCY** | 50Hz / 60Hz |
| **POWER CONSUMPTION** | 80W Standby - 110W Operating (Single Man Trap)  
 160W Standby - 220W Operating (Double Man Trap) |
| **DIMENSIONS AND WEIGHT** | See overleaf |
| **DESIGN** | Modular bolt-together design for ease of transport and rapid installation. Components can pass through a standard door. Can be packed in broken-down form either onto a pallet or into a crate for transport. All glass is factory fitted into the steel & aluminium frames. |
| **SYSTEMS INTEGRATION** | • Integrates with all access control and time & attendance systems (controlled through a normally open dry contact)  
  • Integral wireways – no exposed wires |
| **FIRE ALARM** | Doors automatically open and remain open |
| **INSTALLATION REQUIREMENTS** | • Free standing structure which can be installed into a new or existing shopfront  
  • Fixing surface is to be level |

**MANUFACTURING OPTIONS**

| **CONTROLLER OPTIONS** | **CBL01** Bi-directional two reader locking controller | Complete with | Internal emergency pushbutton | Presence sensors |
| **CBL02** Bi-directional two reader locking controller | Complete with | Internal emergency pushbutton | Presence sensors |
| **CBL03** Bi-directional single reader locking controller | Complete with | Two external cycle start pushbuttons | Presence sensors |
| **CBL04** Bi-directional single reader locking controller | Complete with | Two external cycle start pushbuttons | Presence sensors |
| **CBL05** Uni-directional bank locking controller | | | | |
| **CBL07** High security bank locking controller | Complete with | Status control panel | Presence sensors |

**DUAL OCCUPANCY** | • Infrared beam dual occupancy presence sensors (optional extra) |
**POWER OPTIONS** | • Battery backup (optional extra) |
**DOOR CLOSER OPTIONS FOR POWER FAILURE OPERATION** | • Normally closed door closer (factory standard)  
  • Normally open door closer |
**STRIKE PIN LOCK OPTIONS** | • Fail-Safe (factory standard)  
  • Fail-Secure |
**ACCESSORY OPTIONS** | • Card / Proximity reader mounting brackets  
  • Biometric / Fingerprint reader mounting brackets  
  • Single pushbutton mounted in frame of cubicle or in plastic box  
  • Random search device |
**FINISH OPTIONS** | • Mild steel with UV resistant polyester exterior powder coat finish (structured black)★  
  • 304 grade brushed stainless steel  
  • 316 grade brushed stainless steel  
  ★ other structured colours available on request |

Welded steel frame with aluminium and glass infill  
Stainless steel pull handle and mortice lock  
LED indicator lights

### MODELS

<table>
<thead>
<tr>
<th>CODE</th>
<th>DESCRIPTION</th>
<th>WIDTH (W)</th>
<th>DEPTH (X)</th>
<th>HEIGHT (Y)</th>
<th>HEADROOM (Z)</th>
<th>WEIGHT (APPROX)</th>
</tr>
</thead>
<tbody>
<tr>
<td>TSAT_SA</td>
<td>Single MAN-TRAP automatic security booth (A)</td>
<td>31.5” (800)</td>
<td>27.5” (700)</td>
<td>90.5” (2300)</td>
<td>82.6” (2100)</td>
<td>617 lb.</td>
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<tr>
<td>TSAT_SB</td>
<td>Single MAN-TRAP automatic security booth (B)</td>
<td>35.4” (900)</td>
<td>35.4” (900)</td>
<td>90.5” (2300)</td>
<td>82.6” (2100)</td>
<td>683.5 lb.</td>
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<td>TSAT_SC</td>
<td>Single MAN-TRAP automatic security booth (C)</td>
<td>39.4” (1000)</td>
<td>55.1” (1400)</td>
<td>90.5” (2300)</td>
<td>82.6” (2100)</td>
<td>926 lbs.</td>
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<tr>
<td>TSAT_DA</td>
<td>Double MAN-TRAP automatic security booth (A)</td>
<td>61” (1550)</td>
<td>27.5” (700)</td>
<td>90.5” (2300)</td>
<td>82.6” (2100)</td>
<td>1124 lb.</td>
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<td>TSAT_DB</td>
<td>Double MAN-TRAP automatic security booth (B)</td>
<td>68.9” (1750)</td>
<td>35.4” (900)</td>
<td>90.5” (2300)</td>
<td>82.6” (2100)</td>
<td>1212.5 lb.</td>
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<td>TSAT_DC</td>
<td>Double MAN-TRAP automatic security booth (C)</td>
<td>76.7” (19500)</td>
<td>55.1” (1400)</td>
<td>90.5” (2300)</td>
<td>82.6” (2100)</td>
<td>1609 lbs.</td>
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</table>

**Dimensions:** (Inches (mm))

**SPECIFICATION FOR ARCHITECTS AND SPECIFIERS**

MAN-TRAP manual security booth (CODE as per above table), of powder coated mild steel (structured black) / 304 grade brushed stainless steel, including CBL 01/2/3/4/5/6/7 controller, fixed to level floor by means of four M12 x 90 counter sunk anchor bolts.

*Due to our policy of continuous improvement, products are subject to change without notice. Custom designs are available on request.*