MANUAL 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
- Exported worldwide
- For heavy-duty use

APPLICATIONS
- Suited for applications requiring high 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
Unique features of the MAN-TRAP manual security booth

- Double door security
- Designed for integration with any access control system and for various double door operating configurations

TECHNICAL SPECIFICATIONS
- Direct pivot design ensures true door alignment and removes the need for clumsy, noisy hinges
- Steel frame structure and door, preventing sagging and door warping unlike aluminum doors which warp with use Stainless steel base bearings for longevity and corrosion resistance
- Heavy-duty hydraulic door closers
- Monitored magnetic locks
- Battery backup (optional extra)
- Infrared beam, dual occupancy presence sensors (optional extra)

FEATURES

Construction
- Frame of powder coated mild steel (structured finish) or 304 grade brushed stainless steel
- 430 stainless steel mirror finish ceiling panel
- 11/64" (4.5mm) 3Cr12 stainless steel base plate with heavy-duty rubber as floor covering
- Standard glazing of 1/4" (6.38mm) PVB laminated glass (bullet resistant glass available on request)
- Glass surrounds of anodized aluminum

Door components (per door)
- Heavy-duty hydraulic door closer
- Recessed 1000 lb. monitored magnetic 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

<table>
<thead>
<tr>
<th><strong>POWER</strong></th>
<th>220 Volt AC (110 Volt AC on request)</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>FREQUENCY</strong></td>
<td>50Hz / 60Hz</td>
</tr>
<tr>
<td><strong>POWER CONSUMPTION</strong></td>
<td>40W (single man-trap) / 80W (double man-trap)</td>
</tr>
<tr>
<td><strong>DIMENSIONS AND WEIGHT</strong></td>
<td>See overleaf</td>
</tr>
</tbody>
</table>

**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**
- Fail-safe auto-unlock configuration

**INSTALLATION REQUIREMENTS**
- Free standing structure which can be installed into a new or existing shopfront
- Fixing surface is to be level
- Fixed to existing floor by means of four countersunk anchor bolts (M12 x 90)

## MANUFACTURING OPTIONS

### CONTROLLER OPTIONS

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
<th>Complete with</th>
<th>Internal emergency pushbutton</th>
<th>Presence sensors</th>
</tr>
</thead>
<tbody>
<tr>
<td>CBL01</td>
<td>Bi-directional two reader locking controller</td>
<td></td>
<td>□</td>
<td>✗</td>
</tr>
<tr>
<td>CBL02</td>
<td>Bi-directional two reader locking controller</td>
<td></td>
<td>□</td>
<td>✗</td>
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<tr>
<td>CBL03</td>
<td>Bi-directional single reader locking controller</td>
<td></td>
<td>□</td>
<td>✗</td>
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<tr>
<td>CBL04</td>
<td>Bi-directional single reader locking controller</td>
<td></td>
<td>□</td>
<td>✗</td>
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<tr>
<td>CBL05</td>
<td>Uni-directional bank locking controller</td>
<td></td>
<td>□</td>
<td>✗</td>
</tr>
<tr>
<td>CBL07</td>
<td>High security bank locking controller</td>
<td></td>
<td>□</td>
<td>✗</td>
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</table>

### DUAL OCCUPANCY
- Infrared beam dual occupancy presence sensors (optional extra)

### POWER OPTIONS
- Battery backup (optional extra)

### DOOR CLOSER OPTIONS
- Non-hold open door closer (factory standard)
- Hold open door closer

### 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

Automatic door operation is available. See the MAN-TRAP automatic security booth product brochure.
## MODELS

### SINGLE ELEVATION

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<tr>
<th>CODE</th>
<th>DESCRIPTION</th>
<th>WIDTH (W)</th>
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<th>HEIGHT (Y)</th>
<th>HEADROOM (Z)</th>
<th>WEIGHT (APPROX)</th>
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<tbody>
<tr>
<td>TSMT_SA</td>
<td>Single MAN-TRAP manual security booth (A)</td>
<td>31.5&quot; (800)</td>
<td>27.5&quot; (700)</td>
<td>90.5&quot; (2300)</td>
<td>82.6&quot; (2100)</td>
<td>551 lb.</td>
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<td>TSMT_SB</td>
<td>Single MAN-TRAP manual security booth (B)</td>
<td>35.4&quot; (900)</td>
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<td>617 lb.</td>
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<td>TSMT_SC</td>
<td>Single MAN-TRAP manual security booth (C)</td>
<td>39.4&quot; (1000)</td>
<td>55.1&quot; (1400)</td>
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<td>859.5 lb.</td>
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<tr>
<td>TSMT_DA</td>
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<td>61&quot; (1550)</td>
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<td>TSMT_DB</td>
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<td>68.9&quot; (1750)</td>
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<td>TSMT_DC</td>
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<td>76.7&quot; (1950)</td>
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**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.*

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