

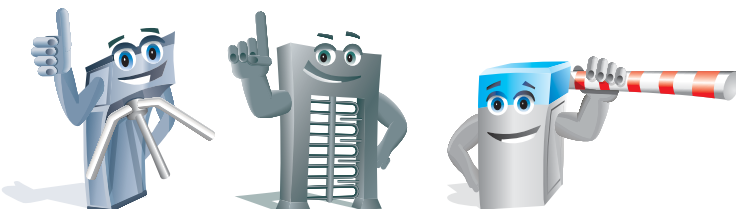
# MAN-TRAP

## 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

<b>APPLICATIONS</b>	<ul style="list-style-type: none"><li>• Suited for applications requiring medium volume access and high levels of security</li><li>• Used extensively at entrances to banks, retail stores, colleges, office blocks and commercial buildings</li></ul>
<b>DESIGNED FOR</b>	<ul style="list-style-type: none"><li>• Interior installations</li><li>• Demanding operating conditions</li></ul>
<b>AVAILABLE CONFIGURATIONS</b>	<ul style="list-style-type: none"><li>• Three sizes allowing for varying levels of security and comfort</li><li>• Single and double</li></ul>



Tridey, Turney and Traffey are members of the Turnstar family

**TURNSTAR**   
RELIABLE ★ DURABLE ★ GUARANTEED

## Unique features of the TURNSTAR MAN-TRAP automatic security booth range

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

### RELIABLE



### TECHNOLOGY

- 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 aluminium doors which warp with use
- Stainless steel base bearings for longevity and corrosion resistance
- Automatic door operators with built-in safety
- Monitored strike pin locks
- Battery backup (optional extra) - the doors revert to manual hydraulic spring mode
- Infrared beam, dual occupancy presence sensors (optional extra)

### DURABLE



### FEATURES

#### Construction

- 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 rubberising
- Standard glazing of 6.38mm PVB laminated glass (bullet resistant glass available on request)
- Glass surrounds of anodised aluminium

#### Door components (per door)

- Automatic door operator
- Recessed 1 000kg monitored strike pin lock
- Mortice lock for night locking
- 304 grade brushed stainless steel pull handle

#### Indicators and Lighting

- LED green & red indicator lights
- Low voltage ceiling down lighter

### GUARANTEED

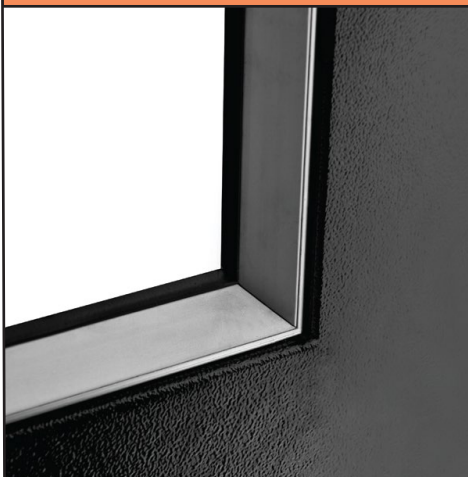


### MANUFACTURED TO LAST

- Zero maintenance
- 12 Month Guarantee



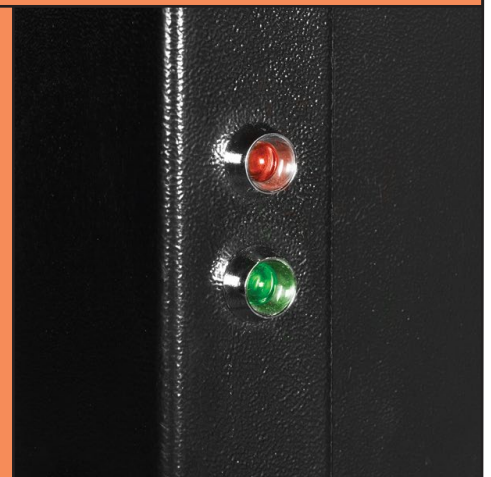
## STAR QUALITIES



Welded steel frame with aluminium and glass infill



Stainless steel pull handle and mortice lock



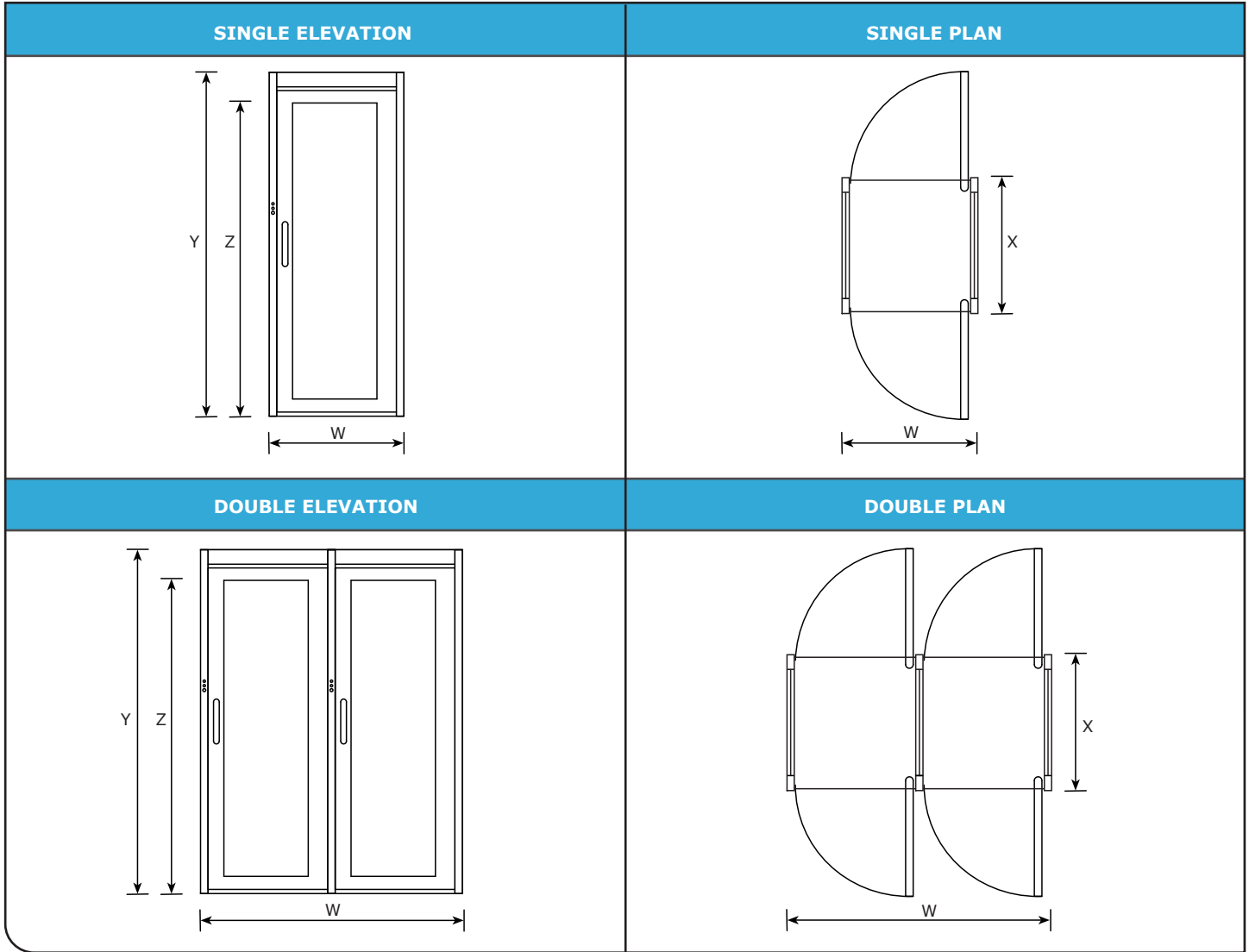
LED indicator lights

## Technical Specifications

<b>POWER</b>	220 Volt AC (110 Volt AC on request)
<b>FREQUENCY</b>	50Hz / 60Hz
<b>POWER CONSUMPTION</b>	80W Standby - 110W Operating (Single Man Trap) 160W Standby - 220W Operating (Double Man Trap)
<b>DIMENSIONS AND WEIGHT</b>	See overleaf
<b>DESIGN</b>	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.
<b>SYSTEMS INTEGRATION</b>	<ul style="list-style-type: none"> <li>Integrates with all access control and time &amp; attendance systems (controlled through a normally open dry contact)</li> <li>Integral wireways – no exposed wires</li> </ul>
<b>FIRE ALARM</b>	Doors automatically open and remain open
<b>INSTALLATION REQUIREMENTS</b>	<ul style="list-style-type: none"> <li>Free standing structure which can be installed into a new or existing shopfront</li> <li>Fixing surface is to be level</li> </ul>

## Manufacturing Options

<b>CONTROLLER OPTIONS</b>	<b>CBL01</b>	Bi-directional <b>two reader locking</b> controller	Complete with	<input checked="" type="checkbox"/> Internal emergency pushbutton	<input type="checkbox"/> Presence sensors
	<b>CBL02</b>	Bi-directional <b>two reader locking</b> controller	Complete with	<input type="checkbox"/> Internal emergency pushbutton	<input checked="" type="checkbox"/> Presence sensors
	<b>CBL03</b>	Bi-directional <b>single reader locking</b> controller	Complete with	<input checked="" type="checkbox"/> Two external cycle start pushbuttons	<input type="checkbox"/> Presence sensors
	<b>CBL04</b>	Bi-directional <b>single reader locking</b> controller	Complete with	<input checked="" type="checkbox"/> Two external cycle start pushbuttons	<input checked="" type="checkbox"/> Presence sensors
	<b>CBL05</b>	Uni-directional bank locking controller			
	<b>CBL07</b>	<b>High security</b> bank locking controller	Complete with	<input checked="" type="checkbox"/> Status control panel	<input checked="" type="checkbox"/> Presence sensors
	<b>DUAL OCCUPANCY</b>	<ul style="list-style-type: none"> <li>Infrared beam dual occupancy <b>presence sensors</b> (optional extra)</li> </ul>			
<b>POWER OPTIONS</b>	<ul style="list-style-type: none"> <li>Battery backup (optional extra)</li> </ul>				
<b>DOOR CLOSER OPTIONS FOR POWER FAILURE OPERATION</b>	<ul style="list-style-type: none"> <li>Normally closed door closer (factory standard)</li> <li>Normally open door closer</li> </ul>				
<b>STRIKE PIN LOCK OPTIONS</b>	<ul style="list-style-type: none"> <li>Fail-Safe (factory standard)</li> <li>Fail-Secure</li> </ul>				
<b>ACCESSORY OPTIONS</b>	<ul style="list-style-type: none"> <li>Card / Proximity reader mounting brackets</li> <li>Biometric / Fingerprint reader mounting brackets</li> <li>Single pushbutton mounted in frame of cubicle or in plastic box</li> <li>Random search device</li> </ul>				
<b>FINISH OPTIONS</b>	<ul style="list-style-type: none"> <li>Mild steel with UV resistant polyester exterior powder coat finish (<b>structured black</b>) ★</li> <li>304 grade brushed stainless steel</li> <li>316 grade brushed stainless steel</li> <li>★ other <b>structured</b> colours available on request</li> </ul>				



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CODE	DESCRIPTION	WIDTH (W)	DEPTH (X)	HEIGHT (Y)	HEADROOM (Z)	WEIGHT (APPROX)
TSAT_SA	Single TURNSTAR MAN-TRAP automatic security booth (A)	800	700	2 300	2 100	280 kg
TSAT_SB	Single TURNSTAR MAN-TRAP automatic security booth (B)	900	900	2 300	2 100	310 kg
TSAT_SC	Single TURNSTAR MAN-TRAP automatic security booth (C)	1 000	1 400	2 300	2 100	420 kg
TSAT_DA	Double TURNSTAR MAN-TRAP automatic security booth (A)	1 550	700	2 300	2 100	510 kg
TSAT_DB	Double TURNSTAR MAN-TRAP automatic security booth (B)	1 750	900	2 300	2 100	550 kg
TSAT_DC	Double TURNSTAR MAN-TRAP automatic security booth (C)	1 950	1 400	2 300	2 100	730 kg
<b>Note:</b> All dimensions are in millimetres (mm)						

**SPECIFICATION FOR ARCHITECTS AND SPECIFIERS**

TURNSTAR MAN-TRAP automatic 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.*

Turnstar Systems (Pty) Ltd | Reg No: 2012/100536/07 | Established in 1990

**Johannesburg Head Office:**

18 6<sup>th</sup> Street, Wynberg, Sandton, 2090  
 PO Box 41, Highlands North, 2037  
 T: +27 (0)11 786 1633  
 F: +27 (0)11 440 5839

**Cape Town Office:**

Unit 9 Elect Park, 13 Teejay Street, Brakenfell, Cape Town  
 T: +27 (0)21 981 3043  
[info@turnstar.co.za](mailto:info@turnstar.co.za) [www.turnstar.co.za](http://www.turnstar.co.za)