

Breathalyzer Man-Trap Turnstyle



Exclusive to www.Turnstiles.us!

This combination of turnstile and breathalyzer is a unique design available only from Turnstiles.us.

The **Tribune** turnstile provides the highest levels of security available in a turnstile, and when integrated with one or two access factors, it provides superior job site security.

Maximum security: Valid authentication via proximity card or biometric reader is required for the person to enter the turnstile. The turnstile locks, and they must use the breath alcohol screening system successfully to unlock the turnstile and enter the secure area. A negative breath will reverse the turnstile so they can back out into the unsecure area.

The breathalyzer can also be used on its own. People may enter the turnstile, and upon successful use of the breathalyzer, the turnstile releases, allowing them to enter the secure area.

This is a fully automated breath alcohol screening system for employee, contractor and visitor access control. Alcohol screening is self-administered, non-invasive and non-contact. No consumables or operator attendance is required.

Engineered for rapid and repeatable high volume screening in the Mining, Oil and Gas, and Construction industries.

APPLICATIONS

- Suited for applications requiring the strictest controls over access and time & attendance
- Used extensively in applications such as mines, factories and warehouses
- Ideal for integration with any biometric reader system



DESIGNED FOR Interior and exterior installations Severe operating conditions

AVAILABLE CONFIGURATIONS

- 4 arm (90°)
- Single

Alcohol Screening

The high volume “zero tolerance” alcohol screening and access control solution. Alcohol deterrence has never been this easy.

Easy to Integrate and Use

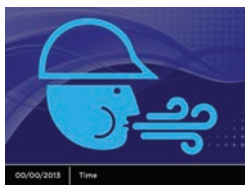
The Sentinel can stand alone or be sequenced with existing turnstiles, time clocks or other employee access control systems. Sentinel screening is completely non-invasive and self-administered. Test supervision is not required. Results are displayed in clear unambiguous internationally recognizable icons. Subject pre-qualification, instruction and test monitoring is not required.

Fast and Reliable

Tests are triggered automatically when the subject blows on the collector cone and take less than 2 seconds to complete. Results are delivered instantly on “negative for alcohol” tests and in under 10 seconds on positives. The Sentinel can easily handle hundreds of tests per hour ensuring that pre-shift screening flows smoothly without bottlenecks and lost time.

Economical

Single use straws are not required and there are no recurring monthly charges. Annual calibration is easily performed in-place by non-technical staff without removing the Sentinel from service. The anodized aluminum housing protects against dust, dirt and vibration found in heavy industry. Sentinel comes with an end-to-end 1 year warranty and additional extended warranty options.



Ok to blow

User Prompts



Passed test, entry allowed



Test failed



No entry

Display	Full Color LCD
Size	Approx. 8" x 13" (203 mm X 330 mm)
Weight	4.75 lbs. (76 oz, 2.15 kg)
Sampling	Automatic Passive
Sensor	Full Size 1" Platinum Fuel Cell
Communication	Double Relay Output
Software Updates	USB
Adjustable Alcohol Levels	Select and adjust specific alcohol cut-off levels.
Response Time	Immediate on negatives, under 10 seconds on positives.
Recovery Time	Immediate on negatives, under 20 seconds on positives
Operating Temperature Range	32° - 130° F (0° - 55° C)
Power	9 volt 3 amp wired or Plug-In AC Adapter 90 VAC - 264 VAC
Voltage Regulation	+/- 5% Maximum Ripple 1% Vp-p
Housing	Anodized Aluminum
Warranty	1 Year

TRIBUNE TURNSTILE SPECIFICATIONS

POWER	220 Volt AC (110 Volt AC on request)
FREQUENCY	50Hz / 60Hz
POWER CONSUMPTION	50W
SOLENOID VOLTAGE	24 Volt DC (12 Volt DC on request)
LOGIC VOLTAGE	24 Volt DC
DIMENSIONS	<ul style="list-style-type: none"> • 66.925" (1700mm)W x 83.6" (2125mm)H • 68" (1730mm)W x 88.5" (2250mm)H - recommended minimum opening size
ROTOR DIAMETER	47.2" (1200mm)
ROTOR ARM CONFIGURATION	4 arm (90°)
ROTOR ARMS	2" (50mm) diameter tube arms
WEIGHT	485 lbs. (220kg)
DESIGN	Modular bolt-together design for ease of transport and installation Can be packed in broken-down form either onto a pallet or into a crate for transport
SYSTEMS INTEGRATION	<ul style="list-style-type: none"> • Integrates with all access control and time & attendance systems • Unlocking for entry / exit rotation controlled through normally open dry contact • Transaction / Rotation complete output • Integral wireways with draw wires in place – no exposed wires

Key Features Supplied as Standard

BATTERY BACKUP	Battery backup with two 12 volt 7Ah batteries connected in series providing up to 1 000 transactions
OVERHEAD BARRIER	Anti-climb protection - preventing pedestrians from climbing out of the turnstile when in the read position
TUBE SPACING	Tube arms are spaced 50mm apart at reader height to physically prevent biometric clocking from outside the turnstile
RECESSED READER MOUNTING	Physically prevents biometric clocking from outside the turnstile and provides the reader with protection from the elements

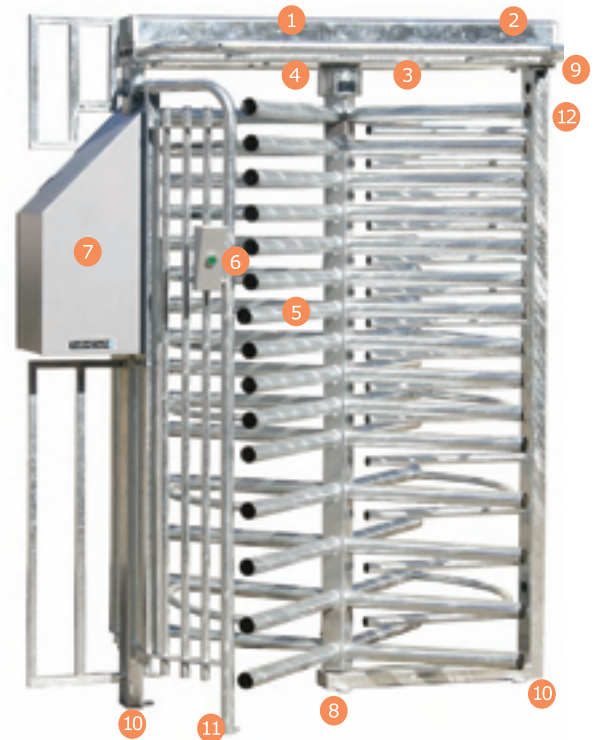
Manufacturing Options

ROTATION	<ul style="list-style-type: none"> • Electrically controlled bi-directional rotation (factory standard)
LOCKING	<ul style="list-style-type: none"> • Fail-secure auto-lock on power failure (factory standard)
FIRE ALARM	<ul style="list-style-type: none"> • Free rotation when triggered indefinitely
SPECIAL PHYSICAL DESIGN OPTIONS	<ul style="list-style-type: none"> • Restrictor tubes for increased security • Special split cover for low ceilings • Special internal mechanism dust cover for dirty environments • Heavy-duty base for portability (with forklift channels)
ACCESSORY OPTIONS	<ul style="list-style-type: none"> • LED red circle & green circle indicator light mounted in reader box • LCD transaction counter with reset key switch • Random search device • Low energy light on underside of channel
FINISH OPTIONS	<ul style="list-style-type: none"> • Mild steel with UV resistant polyester exterior powder coat finish (charcoal blue hammertone) <input type="checkbox"/> • Mild steel with hot dip galvanised finish <input type="checkbox"/> • 304 grade brushed stainless steel <input type="checkbox"/> • 316 grade brushed stainless steel <input type="checkbox"/> <p><input type="checkbox"/> suitable for corrosive environments (details available on request) <input type="checkbox"/> other colours available on request</p>

Built to Last: Zero Maintenance - 5 year Guarantee

Unique Qualities

- 1 Rotalok® rotation locking mechanism and electronic control panel
 - Incorporates:
 - Anti-Trap® safety system
 - Suspended Rotor technology
- 2 Lockable top cover
- 3 Mechanical key override
- 4 Shock absorbing rubber coupling
- 5 1.96 in. (50mm) diameter tube arms spaced 1.96 in. apart
- 6 Cycle start card reader mounting plate
- 7 Breathalyzer position
- 8 Rotarun® perpetual base bearing
- 9 Wiring side entry point
- 10 Wiring bottom entry point
- 11 Floor bolting positions - 7 Off
- 12 Wall bolting position - 1 Off



ENTRANCE INTO THE LOCKED TURNSTILE

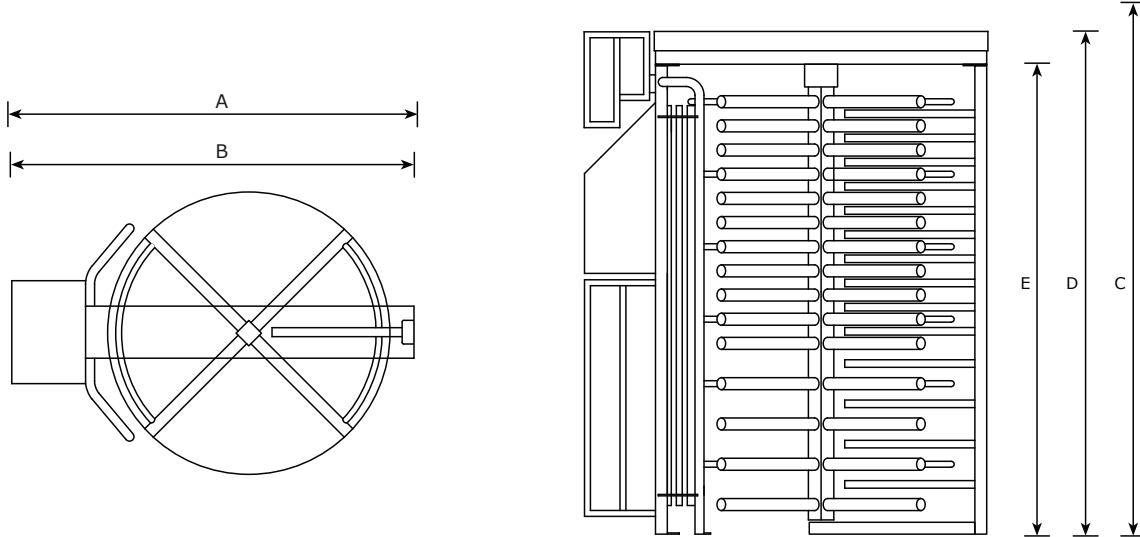
Operating Cycle

STEP 1: READER IS USED TO ALLOW ENTRANCE INTO THE LOCKED TURNSTILE	STEP 2: BREATHALYZER IS ACCESSED AND VALIDATION TAKES PLACE
<p>READER</p>	<p>BREATHALYZER</p>
STEP 3A: BREATHALYZER CONFIRMATION - ACCESS ALLOWED TURNSTILE ROTATES A FURTHER 90° AND RELOCKS	STEP 3B: BREATHALYZER CONFIRMATION - ACCESS DENIED TURNSTILE ROTATES 90° IN REVERSE AND RELOCKS

Tribune Range Dimensions: Inches (mm)

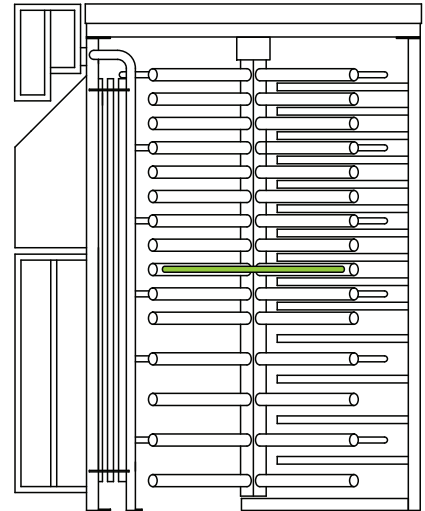
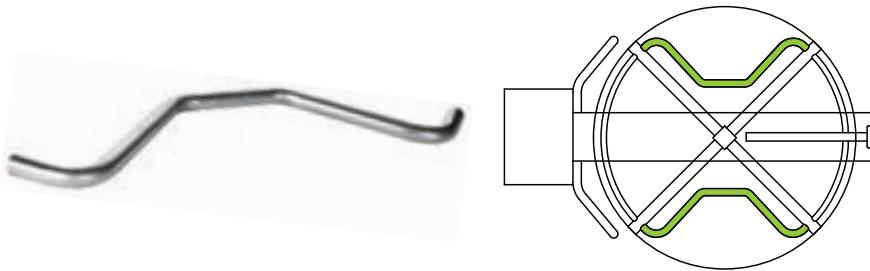
TRIBUNE SINGLE

A	Recommended opening width	68.125" (1730)	C	Recommended opening height	88.5" (2250)
B	Turnstile width	66.925" (1700)	D	Turnstile height	83.6" (2125)
			E	Headroom	78.25" (1986)



Maximum Security Option

- RESTRICTOR TUBES can be welded to the turnstile rotor in order to limit the amount of space available in the quadrant. This addition increases the level of difficulty for two pedestrians to go through the turnstile together.
- The RESTRICTOR TUBE is supplied in matching finish to the turnstile.



SPECIFICATION FOR ARCHITECTS AND SPECIFIERS

TURNSTAR TRIBUNE full height ultra secure single reader turnstile complete with anti-climb overhead barrier and battery backup, in finish (as mentioned on page 4).

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