

NEW! TYTAN SR Turnstile SR3



Description

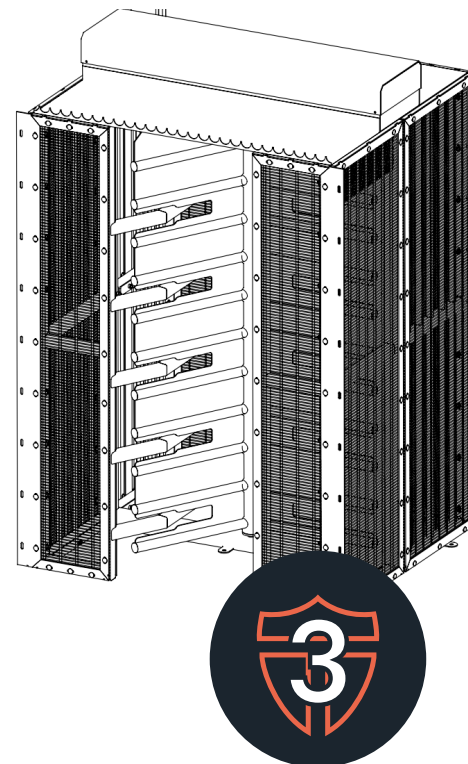
The TYTAN SR3 Rated Turnstile delivers high-level perimeter protection for sensitive or at-risk sites, certified to LPS 1175: Issue 8 (Security Rating SR3). This heavy-duty pedestrian access control system features a reinforced 3-wing rotor with 4 mm steel sheet infill welded between arms, backed by a choice of advanced infill options including Super 10 mesh, Armaweave, or solid steel cladding. With a fail-secure electro-mechanical drive unit and integrated override systems, it combines robust physical security with reliable functionality. The structure is hot-dip galvanized and painted for long-term outdoor use in demanding environments.

Certification & Compliance

- **LPS 1175: Issue 8** – Security Rating SR3
- Designed and manufactured in accordance with:
 - **EN 17352:2022** – Barriers intended for non-industrial premises
- **UKCA & CE marked**

Dimensions & Configuration

- **Overall Height:** 2232 mm
- **Overall Width:** 1438 mm
- **Overall Depth:** 1303 mm
- **Walkway Width:** 770 mm
- **Rotor Configuration:** 3-wing (120°)



Construction

Frame Material

50 x 50 x 4 mm mild steel box section

Rotor Material

Circular Hollow Section (CHS) mild steel, 2.5 mm wall thickness, with 4 mm steel sheet welded between rotor arms

Infill Options (SR3 variants)

- 358 Super 10 mesh + Armaweave (dual-layer)
- 3 mm solid steel sheet
- Dual-sided 358 Hi-Ten mesh with CHS centre infill

Surface Finish

- Hot-dip galvanized to BS EN ISO 1461
- 2-pack polyurethane painted (RAL colour to be specified at order)

Head Mechanism

Control Unit

Locinox Turnitec electro-mechanical mechanism

Function

Manual rotor, controlled by solenoids (fail-secure)

Solenoid Control

- Dual-direction control (entry/exit)
- Lockable when power is removed (fail-secure)

Fire Alarm Input

Free-spin override in both directions

Override Keyswitches

Located underside of header tray, for powered manual release

Electrical

PLC

Schneider SR2B121BD

Power Supply

- 230V AC incoming
- Internal 24V DC PSU

Access Control Interface

- Volt-free signals for Entry, Exit, Fire Alarm
- Manual override keyswitches (powered)

Connection Terminals

Located within IP-rated enclosure inside header tray



Raising Standards
Advancing Safety



Plug + Play
Installation

