



ES4000 Full Height Turnstiles

The **ES4000 Full Height Turnstile** is a high specification turnstile. Constructed from mild steel, shot blasted, zinc primed coating and powder coated for a long lasting finish. Double model also available.

The ES4000 offers a comprehensive range of features, including 120° rotor assembly, canopies, down lights and fire alarm activation (to engage free rotation). We also provide as standard manual key switch override, which allows free entry/exit if required.

The turnstiles have been fully tested to comply with a lateral force mimicking a user physically trying to force there way past via the rotor. This Force Test successfully passed at a reading of 1200N, with no issues and still continuing to work as normal after the test.

The turnstile can be controlled in both directions by all forms of access control. Pre-programmed to allow free exit on power failure (Fail Safe/ Fail Secure)

The PLC (programmable logic controller) is pre-programmed to accommodate 98% of requirements, however special software modifications can be offered with the ease of transferring a new logic via a hand held EPROM (This means that our unit is flexible, where as PCB control boards offered by other manufacturers do not have this facility).



TECHNICAL SPECIFICATION

Specification

CE Approved Force Tested to 1200Newtons

Flow Rate

15 to 22 person per min in single direction

Finish

Epoxy Primer & Polyester powder coated Frame PC RAL 9005
Rotor PC RAL 2004

Power Requirement

Single phase 220Volt 50Hz 5 Amps

Dimensions

Single 1280mm x 1400mm x1790mm
Double 2580mm (2450) x 1400mm x 1790mm
Reader Brackets 120mm x 200mm

Duty Cycles

100% Continuous Duty Rating

Sizes

Rotor: 76mm Ø tube with bottom support bearing
Arms: 42mm Ø tube with capped ends
Side frames: 33mm Ø tube welded to curve base plate

Constraints

The turnstile and peripheral pedestrian gates will comply with regional acts of law in regard to equality and disability discrimination.

Safety

The turnstile is fitted with an anti-trap plate. This plate is required to mitigate injury to the feet during transit.

Control Components

PLC Control Panel
3 Amp Power Supply
Quality German Solenoids for long term use
Hardened Steel Head Mechanism components.



O&M Manual



Drawing



Video available on website



ES4000 Full Height Turnstiles

Force Test Results

Filename: C:\ES HQ Test.prt
Standard: EN 12445/EN 12543
Measurement date: 07/04/2013
Object number: ES4000 Turnstile

Owner of door: N/A
Place: Multiple Sites
Test logbook number: 019894
Series number: 97865
Make of safety edge: N/A
Type of safety edge: N/A

