



Single & Double Rotor Turnstile Specification

Controlled rotation	90°	120°
Clear opening width	650mm	640mm
Clear opening height	2060mm	2060mm
Stainless steel straight rotor arms	40mm Ø	40mm Ø
Fixed fender arms @ 185 mm centres	40mm Ø	40mm Ø
Stainless steel 140mm cc hairpin rotor arms	30mm Ø	30mm Ø
Fixed fender arms @ 320mm centres	30mm Ø	30mm Ø

Single or double rotor turnstiles shall be supplied as complete assembled units. The main frame is to be constructed from fully welded steel hollow sections. The drive systems, electrical control gear and roof are to be mounted on a top frame and the static fenders bolted to the side frames.

The polished stainless steel "hairpin" rotor arms shall be at 90° or 120° spacing and are to be welded to the stainless steel centre axis tube, the whole rotor assembly is to be mounted top and bottom on sealed bearings.

The electric drive system shall be arranged to operate from a 230V, 50 Hz supply with integral drive motor. The drive is to be capable of gently turning the rotor once the arms have been pushed, however it will stop immediately if there is any resistance to movement. Turnstiles can be arranged to fail 'open' or 'locked' in the event of a power failure.

The programmable electrical control panel housed in the turnstile roof shall be capable of interfacing with all types of modern personnel access control systems.

All overhead electrical control gear shall be enclosed in a weatherproof housing as standard. However a variety of full roofs with optional walkway lighting and rainwater ware are also available.

To ensure long term corrosion protection after fabrication, mild steel components are shot blasted, hot zinc sprayed and polyurethane coated. Colours may be specified by the customer.

Double rotor turnstiles are also available in 'compressed' style (straight arms are necessary for compressed turnstiles) where both sets of rotor arms overlap each other in the centre of the unit. The smaller overall dimension is very useful where space is restricted.

Foundation and general arrangements drawings are supplied shortly after an order has been placed, for dimensional approval, and to ensure that the foundations can be completed in good time before the turnstile is delivered. Wiring diagrams are delivered with the turnstile.

07/09

