



PTU - Personnel Transfer Unit

The Personnel Transfer Unit is an advanced, electrically operated security system used to control access to secure areas. Due to its compact design, this system can fit most doorways and can be finished to blend in with existing decor.

The PTU is controlled by an embedded control system, which can be networked and accessed by installing our bespoke Building Access Control System on any networked computer running Windows XP.

Alternatively, a client Access Control System may be used to manage initial authorised time of day entry and exit. At the same time the Johnson control unit is used to verify PIN, weight and fingerprint recognition.

Johnson Security PTU

Key Features

- Fits most existing doorways
- Full computer audit trail
- PIN, fingerprint and weight recognition
- Programmable to work with existing control systems

Technical Specifications *

Load Capacities: Maximum Weight:	1980mm(H) x 550mm(W) x 580mm(D) Variable (Preset at 115kg)
Ballistic Protection: Alternatively:	BS EN 1063:2000 BR4 & BR6 (originally BS5051;1988:Pt 1 G2/S86 & R2) DIN52290 Part 2 C3SA & C5SA or UL3 & UL5 Part 1
Power Supply: Alternatively:	Single Phase 240V 13A power supply. Supply to suit local requirements Designed and certified to CSA and UL electrical specification standards.
Health & Safety:	Anti-trap safety flaps are fitted to both the secure and non-secure sides of the unit. Health & Safety labelling and hazard warning strips are fitted as standard.
Construction Materials:	The main body and drum assembly are fabricated using folded and rolled sections of 4mm thick high tensile steel plates and the vision window is a 29mm thick glass/polycarb laminate.
Requirements:	The unit requires a space 2400mm(H) x 1000mm(W) - see specific product drawings

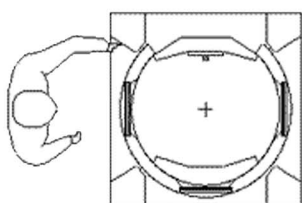
* Full technical specifications available on request

Additional Information

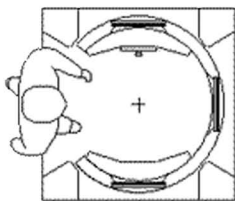
To enable single-person access control, a load sensor is installed in the unit and programmed to recognise a weight range specified by the customer. An extra person forcing entry would trigger the sensor, immobilising the rotary system and prohibiting access.

Its operation is simple, safe and secure. This system can be individually programmed to interact with existing access systems such as card readers and digital displays or alternatively can be operated by remote control from a secure area.

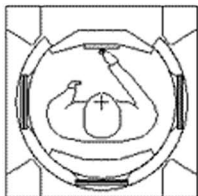
The units compact design means that it can be quickly and easily installed by our trained engineers.



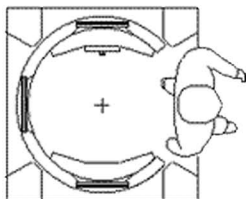
Step 1: Call the door from the parked position



Step 2: Enter the unit - the weight device senses an increased floor load and rotates to parked position

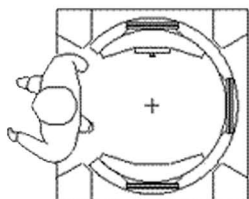


Step 3: Enter PIN number and place finger on scanner

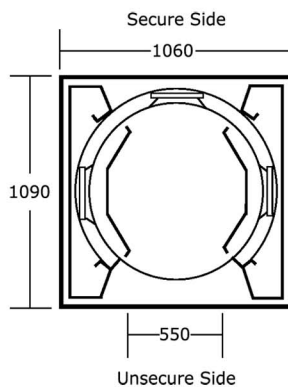
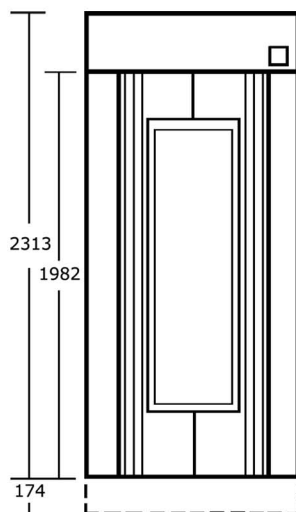


Step 4a: Correct data accepted, door rotates for user to exit the unit

or



Step 4b: Incorrect data, door rotates to original position refusing user access



Cross-Pavement Solutions

Interlocking Systems

Cash Transfer Stations

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Rotary Cash Transfer Units for internal & external requirements

Cashier Desks

If you have any questions regarding this, or any other Johnson Security product, we invite you to contact our offices