

Product Sheet

Compact Save

Security Manlock with interlocking doors, requiring minimal space

Compact Save is available in four standard versions: Type 1, 2, 3 and 4.

Technical Specification

Unit dimension:

	Type1	Type2	Type3	Type4
Casework Length	992mm	992mm	1057mm	1277mm
Casework Width	1000mm	1100mm	1200mm	1380mm
Casework Height	2270mm	2270mm	2270mm	2270mm
Clear Walkway	830mm	930mm	1030mm	1200mm

Drive: Hydraulically Motorised

Materials:

- Outer door: Painted Steel power coated RAL9010 (white)
- Inner door: Painted Aluminum power coated RAL9010 (white)
- Frame: Painted Steel power coated RAL9010 (white)
- Floor: Rubber mat, black with central gray square
- Ceiling: Painted Steel power coated RAL9010 (white)
- Glazing: 9mm laminated clear security glass

Function: Passage in both directions one person at a time electronically controllable. Compact Save is as standard pre set from the factory to have the Outer door normally closed and the Inner door normally open. The Outer door opens upon acceptance of an authorised signal. Both sets of doors may be opened to allow free passage in both directions in alarm scenario or if the Transport Mode has been requested and activated.

Drive Mechanism: The doors are moved by mechanical arms. The arms are moved by a torque shaft connected to a gearbox and then to the drive unit. The drive unit is a DC motor. The gearbox allows the regulation of the final position of the outer doors.

A safety IR sensor prevents the inner door from closing on an obstruction. Force control system and safety photocells prevent the outer door from closing on an obstruction. Additional safety protection is necessary if operated by public.

Method of operation:

The Outer door and the Inner door are never opened at the same time except in case of alarm scenario or Transport mode. To Exit, passenger steps on the central gray mat floor for one-presence detection while the perimetral black mat floor ensure there is none other presence. Pressing the internal push button the Inner door closes while the Outer door opens to allow exit. Once cleared that there is none presence, the Outer door automatically recloses while the Inner door reopens for next transit. To Enter, the outer door is released and opens while the Inner door closes, via an optional access control system, i.e. card reader, code button, key operated switch, or biometric recognition. The floor mat and photocells ensure the presence of one person only and then the Inner door opens to allow entry while the Outer door closes behind. If two person attempt to pass at the same time, the unit gives an alarm and remains locked (2 point locking system for the outer door and inner door is supplied as standard).

Power Failure: In the event of a power failure the inner doors open and the outer door close. Upon request both Inner and outer doors may open to create escape routes, in case of power failure.

Fire Alarm: Input facility is available as an option for voltage free contact supplied by others to open both inner and outer doors to create an escape route.

Emergency Exit: Compact Save can be connected with the fire alarm to open the doors. In case of power failure it may be also manually opened by means of an handle or, if operated by public, with an optional alarmed hand bar. TUV approval 1595013.



Product Description

Our Security Manlocks are a safe choice in environments where maximum security is the first priority.

Avoid public to access to restricted areas giving authorization only to the admitted personnel and ensuring that only one person passes the gate at a time.

No claustrophobic feeling as one door is always open.

For protecting premises with enhanced security, such as: access control at personnel entrances, staircase and garage access routes, access control at IT facilities, dividing off access to corridors and sections, bullet-proof rooms. Also the mechanical emergency unlocking guarantees access to rescue routes, even in the event of a power failure.

Users include

- Banks
- Insurance companies
- Service organisations
- Public and private sector office premises
- Police and military installations
- Industrial plants
- Airports



Interface: Voltage free contact provided by either card reader or pushbutton input, fire alarm and Transport mode inputs. Card reader inhibit and reset output signals are available as standard (In Passing OK and Out Passing OK). Forced access and technical alarm outputs. Open outer door by hand bar alarm output (if requested).

The unit has an adjustable time out facility if required, i.e. Go signal will be cancelled if the passage through the Compact Save is not completed within a preset time. The Standard default is 5 seconds adjustable via parameter change by GEC trained personnel.

Power Supply: 230 Volts AC, 50Hz

Power Rating: Stand by 65 VA
In operation 210 VA (350 VA for Type 1 and 2 with extra motor due to C3 glass option)

Logic Voltage: 24 volt DC

Installation details: The Compact Save is delivered as a kit to be assembled on site. It may require lifting gear for off loading.

Approximate Weight: circa 600 kg

Models Available

- Compact Save Type 1 830mm Clear Walkway
- Compact Save Type 2 930mm Clear Walkway. Emergency Exit. Available version for Wheelchair transit
- Compact Save Type 3 1030mm Clear Walkway. Emergency Exit. Available version for Wheelchair transit
- Compact Save Type 4 1200mm Clear Walkway. Emergency Exit. Available version for Wheelchair transit

Extra Accessories and Optionals

Alternative Materials, Finishes and Custom Design

- Refer to Gunnebo Entrance Control S.p.A. for other material, colour and design requirements.
- Alternative functionality (i.e. Outer door normally open and Inner door normally closed)
- Security glass B1, C3 (Type 1 and 2, requires an extra motor due to the weight increase of C3 glass).
- Alternative outer door are available.

Cardreader Mounting (Please refer to Gunnebo Entrance Control S.p.A. for feasibility)

- Cardreader Pedestals.

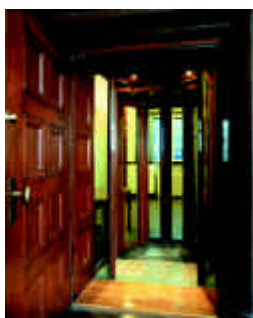
Fire Alarm

- Input facility, voltage free contact to open both sets of doors upon a given signal supplied by others.

Floor mounting type

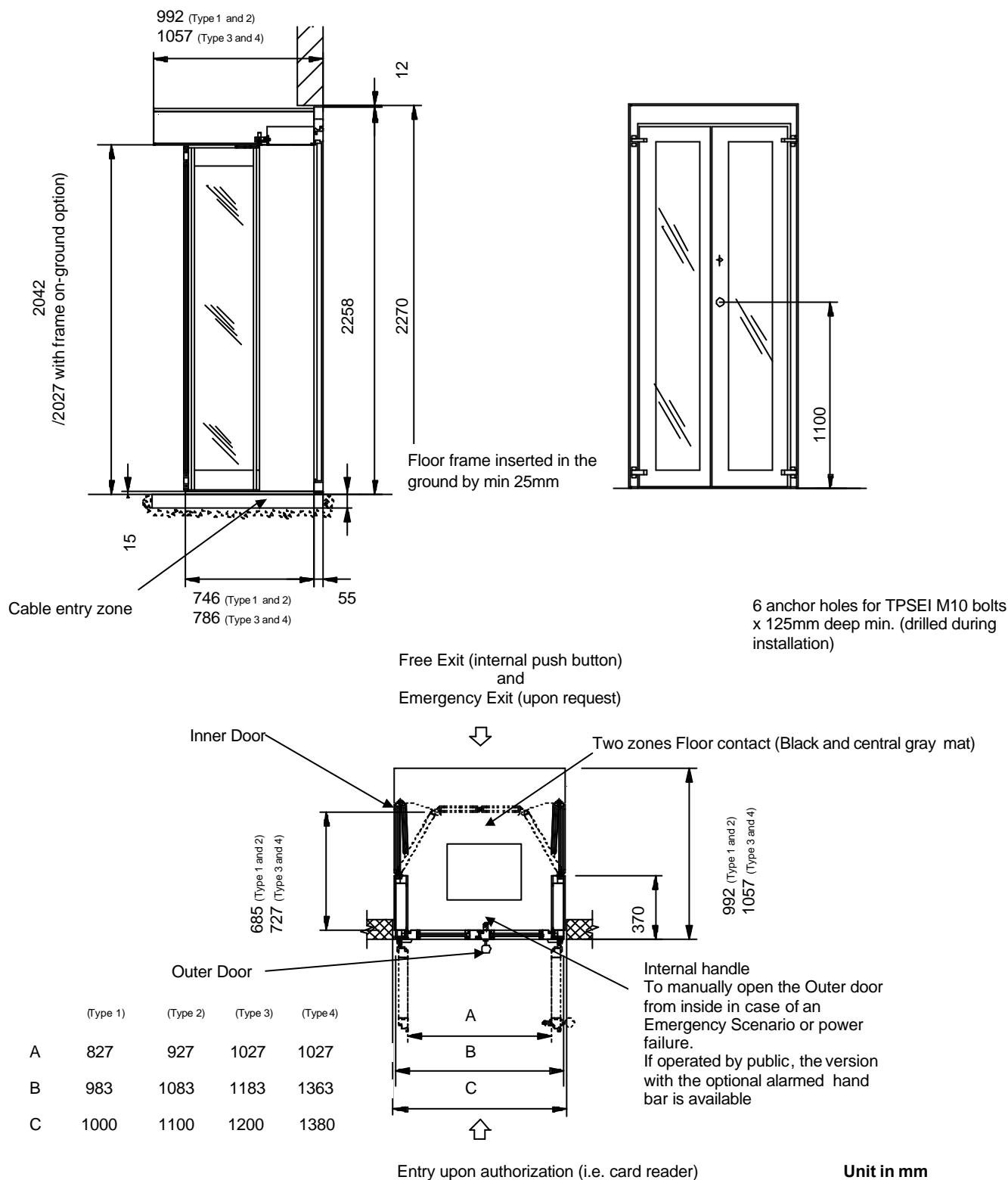
- Floor Frame inserted, into the ground to meet the finished floor level
- Floor Frame as dual floor, inserted into a floating floor.
- Floor Frame on-ground, placed on the finished floor (the clear height is reduced by 15mm)

Installation examples



Site Preparation – Compact Save:

Compact Save shown in a wall access integration with the Outer door closed and the Inner door open



Concrete to UNI 9858, RCK250 type.
Base to be flat and level to +/- 5mm over the Compact Save footprint area.

Cables metal conduit,
shall come up at least
50mm from foundation

IMPORTANT

- Any horizontal pipe or conduit runs below the Compact Save must be at least 140mm below.
- The dimension reported on this Product Data Sheet are for information only. In order to prepare the Installation Site, please refer to the lay-out drawings prepared by Gunnebo Entrance Control SpA or ask confirmation.

Flow Rates

Reader Device	Number per minute
Insertion type	8
Insertion type with PIN code keypad	8
Swipe type	8
Swipe type with PIN code keypad	8
Proximity 'Hands Free'	8

- Please note the figures are approximate and must be confirmed with Gunnebo Entrance Control SpA. Figures quoted are for one person per complete passage per walkway and per minute. It is assumed the access control authorisation response is instantaneous. Flow rates will increase with multiple passage use.
- Please note the figures are reduced to 6 passages per minute for Compact Save Type 1 and Type 2 in case C3 security glass are used due to the weight increase.



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Note: In pursuit of its policy of continuous refinement and improvement, Gunnebo Entrance Control SpA reserves the right to modify design and details.

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