



HiSec 6

Motorised security booth for internal or semi-external installation

HiSec is a security product in the Gunnebo Turnstiles offering. The HiSec 6 has a transparent and elegant design offering a choice of security levels preventing tailgating and piggybacking.

The doors are always locked shut in the rest position. An authorised signal opens the first door allowing the user to step into the booth where a presence is detected via means of checking weight increase on the floor, side panels and doors. When the first door is closed, the second door opens, thus allowing the user to pass through. The second door shuts after the unit has been vacated which also resets the system.

The HiSec detects with an electronic weight sensing if more than one person is present inside the booth. The booth is set with a predetermined, but adjustable anti-hostage threshold of 120 kg as standard. As an authorised user stands in the booth, it confirms acceptance of the occupant and authorises the door to close. Should the measured weight not be authorised, i.e. more than one person is present or if there is overweight non-permitted additional baggage, a vocal synthesiser will ask the occupants to leave the booth.

The HiSec is equipped with a pneumatic safety edge that reverses the motor to re-open the door upon detection of an obstruction. The door fully opens to allow the obstruction to be removed after which it attempts to re-close.



Technical Specifications

Drive

Motorised security booth that is connected to a ratio motor operated by a direct current engine with regulated speed. The oil bath motor is reversible with a reduction ratio $i=35$.

Pneumatic frame along the profiles and safety torque sensing.

Materials

Structure: made of 3/4 mm thick steel plates

Glass: Lite:
13 mm laminate Safety Glass
(in accordance with EN356)

Bullet proof:
27 mm laminate Safety Glass C2 specification
(AP/B-AC/A to UNI 9186-9187 standards)

Light

A low voltage light is positioned internally on a lateral pillar.

Detection

The HiSec booth is equipped with a weighing system which determines if more than one person is present inside the booth, wings included

Presence reading:

- Object: weight > 300 g
- Person: weight > 9 kg
- Hostage: weight > 120 kg

Power failure / Fire alarm

In the event of a power failure, isolation or after the BBU has been depleted, the outer, un-secure door will fail safe, i.e. unlocked and can be manually pushed open. The inner, secure door will fail lock and is held in place via a lever system situated behind a locked panel above the door on the secure side of the installation. The inner door can be manually opened by rotating a knob located behind the lockable service panel in the top mechanism section of the booth.

TECHNICAL DATA

Power Supply: 230 VAC 50Hz (110 VAC 60Hz, option)

Power Rating: 330 VA

Logic Voltage: 24 Vac

Operating Temperature: -20°C to +60°C (95% RH not condensing).

Flow Rates (approximate figures):

Proximity Reader "Hands Free", 4 passages per minute

MODELS

- HS6L 13 mm glass
- HS6LM 13 mm glass, metal detector
- HS6B 27 mm glass
- HS6BM 27 mm glass, metal detector

OPTIONS

- Metal detector
- Programming kit
- Emergency opening
- Alternative finishes
- Demountable version kit
- Horizontal transportation kit
- Fail safe opening
- Glass security upgrade on request

BENEFITS

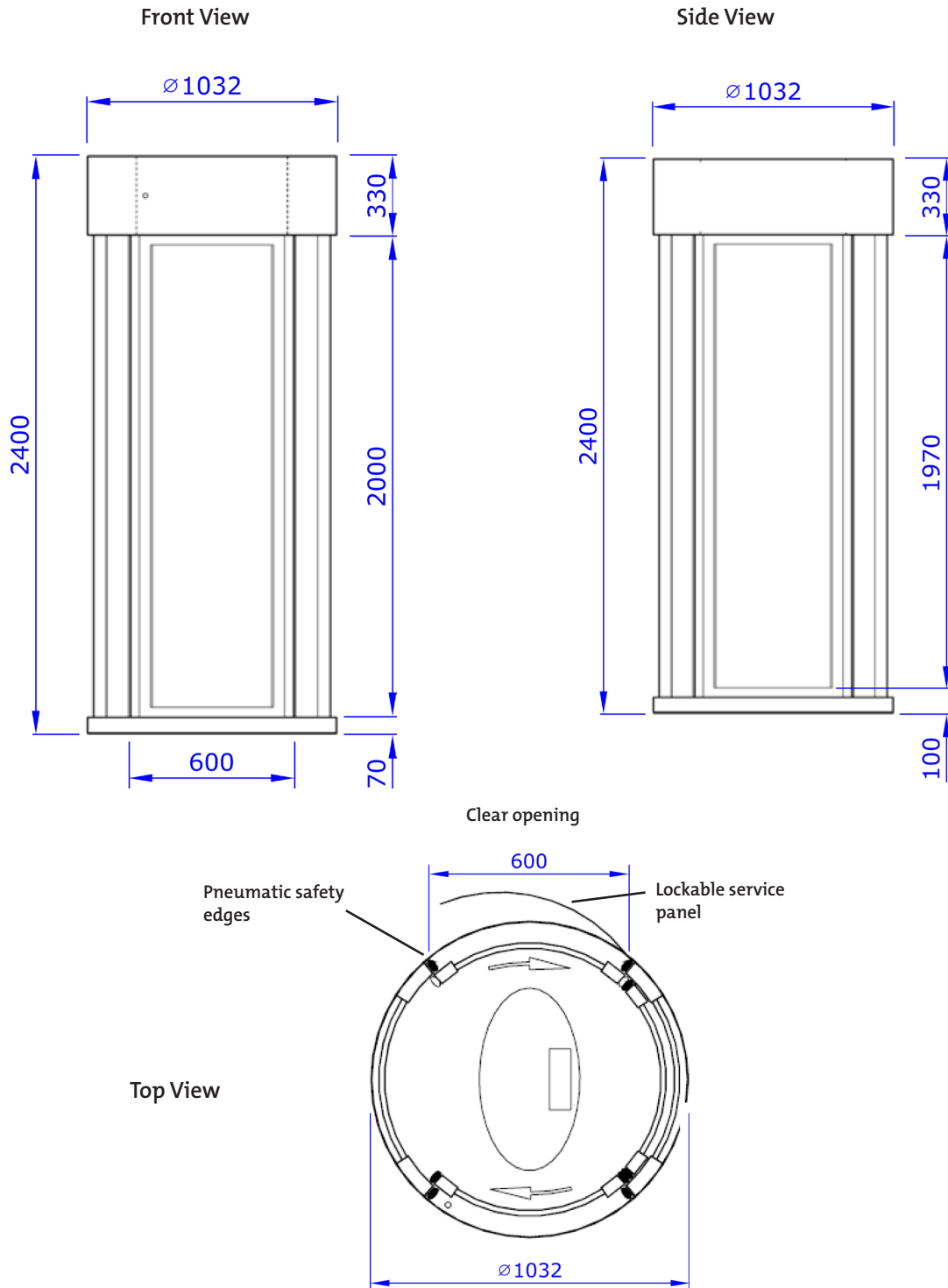
- Premium high security solution
- Elegant design
- Reliable performance

APPLICATIONS

- Head Offices
- Banking
- Data Centres
- Telecommunications
- Information Technology
- R & D
- Government
- Military
- Security Publishing
- Law Enforcement

SITE PREPARATION: HiSec 6L/6B

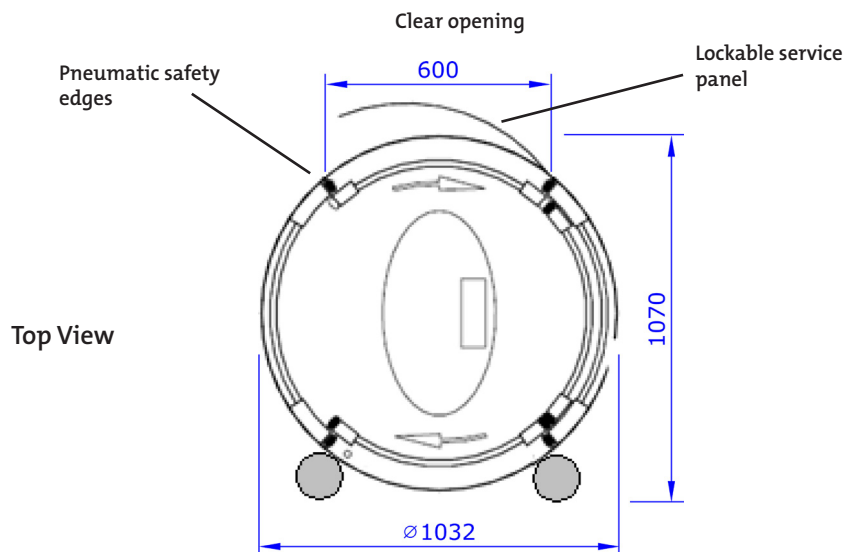
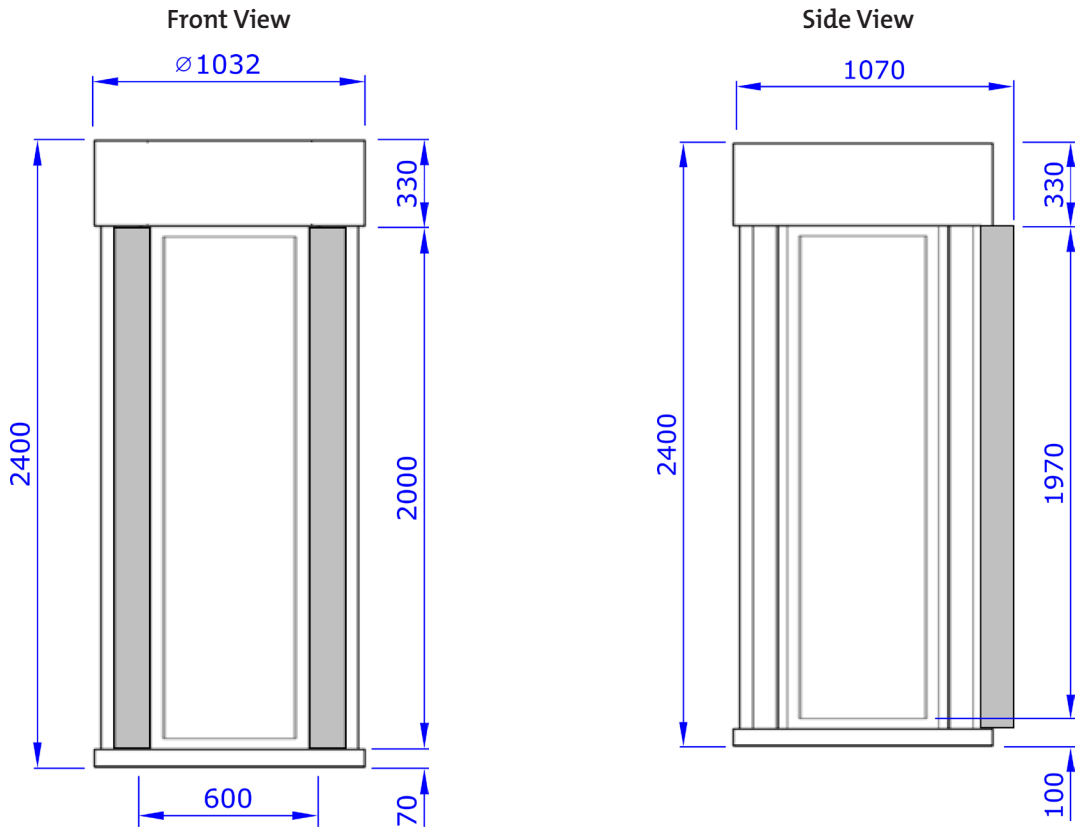
Product is delivered in a kit form and requires lifting equipment. Approx. Weight 800 Kg
 For installation details, please refer to installation layout drawings)



Concrete Base to specification at least fck (cube) 3000N/mm² of resistance. Base to be flat and level to +/- 5 mm over footprint area. Dimensions to be > 2000 x 2000 x 150 deep min. (units in mm)

SITE PREPARATION: HiSec 6LM/6BM

Product is delivered in a kit form and requires lifting equipment. Approx. Weight 800 Kg
 For installation details, please refer to installation layout drawings)



Concrete Base to specification at least fck (cube) 3000N/mm² of resistance. Base to be flat and level to +/- 5 mm over footprint area. Dimensions to be > 2000 x 2000 x 150 deep min. (units in mm)

IMPORTANT

- Any horizontal pipe or conduit running below the HiSec 6 must be at least 140 mm below FFL
- Metal conduit for cables should be raised at least 50 mm from foundation
- It is the customer's responsibility to ensure the structural integrity and strength of the installation location
- The dimensions given in this Product Data Sheet are for information only. In order to prepare the installation site, please refer to your usual Gunnebo Customer Service contact

CONTACT US FOR MORE INFORMATION

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