No compression load on ceiling
Possible lateral load of 8kg
2 fixed pins in shear with ceiling

No Load Bearing on 1st Floor
Fixings used to maintain rail gauge.

Technical Information:
The Trio / Trio Thru Car

- **DRIVE SYSTEM:**
  Roped Drum, Braked Gear Motor Drive

- **CAPACITY:**
  MAX Capacity 220kg / 2-3 Persons (485lb)

- **TRAVEL:**
  Up to 4000mm (157 1/2”)

- **NO of FLOORS:**
  2 Maximum

- **SUPPLY VOLTAGE:**
  240v 1PH 50HZ

- **RUNNING CURRENT:**
  3.2 AMP

- **STARTING CURRENT:**
  4.0 AMP

- **STANDARD COLOUR:**
  Off White / Cream (RAL 9003)
PRINT MAY BE REDUCED - DO NOT SCALE.

1145mm (45 1/16")

800mm (31 1/2")
Internal Width

COP

682mm (26 7/8")
Clear Width

533mm (21")

1040mm (40 15/16")
Between Light Curtains

35mm
Door Thickness
(1 3/8")

R / Hand
Back
L / Hand
Front

R / Hand
Back
L / Hand
Front

R / Hand
Back
L / Hand
Front

R / Hand
Back
L / Hand
Front

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Outline represents the extent of the floor void. Approximately 1" / 25mm extra required for floor plug lid retaining lip around aperture (not rail profiles).

Trio Guide rails (each side). Distance between outside of rails 1040mm ± 0" / 0mm

Dimensions for indication only - Use template for accurate marking of void
GUIDE RAIL PROFILE
ACTUAL SIZE
DXF FILE ONLY

Material: Aluminium 6063-T5
Process: Aluminium Extrusion
Treatment: T5 Heat treatment and Powder coating
Electrical requirements for Stiltz Lifts

- The lifts are powered by a 220v motor.
- A 110v, 15amp socket is sufficient to supply power to the lift by using a Stiltz supplied 2000w 110/220v step-up transformer.
- A dedicated 220v outlet can also be used instead of the transformer.
- The lift power supply lead must be plugged in to the power source BELOW the upstairs floor (if going through a floor) otherwise the power supply lead will prevent the floor lid from positioning correctly.

Transformer dimensions
7.25” x 6” x 9.75”

Transformer will run a little warm so allow a few inches around it so it does not overheat.
STANDARD electrical installation for Stiltz Duo & Trio lifts

**Position of Powerpoint - Duo / Trio**

NOTE: Telephone socket should also be installed next to electrical outlet

The single socket is 220v AC and can be sourced from the step-up transformer or a dedicated 220v line.

If using a 220v line the circuit breaker must be 2 pole that breaks both 110v phases.
SIMPLE electrical installation for Stiltz Duo & Trio lifts

Step-up transformer. In this instance it is supplied from the 110v outlet downstairs. If this set up is used a telephone outlet should be placed by the transformer.

The transformer sits just below the upstairs floor.

Back of lift showing where power and telephone (not included on this lift) cable is fed in to the lift