



TRANSLIFT®
ROTOFLEX
Feel SAFE, Feel ELEVATED

TRANSLIFT ROTOFLEX ENGINEERING COMPANY

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Feel SAFE, Feel ELEVATED

TRANSLIFT ROTOFLEX ENGINEERING COMPANY

MANUFACTURER OF CRANES, HOISTS, PASSENGER LIFTS,
GOODS LIFTS & CARDAN SHAFTS AND SERVICING OF LIFTS



SAURAV AGARWAL

MANAGING DIRECTOR



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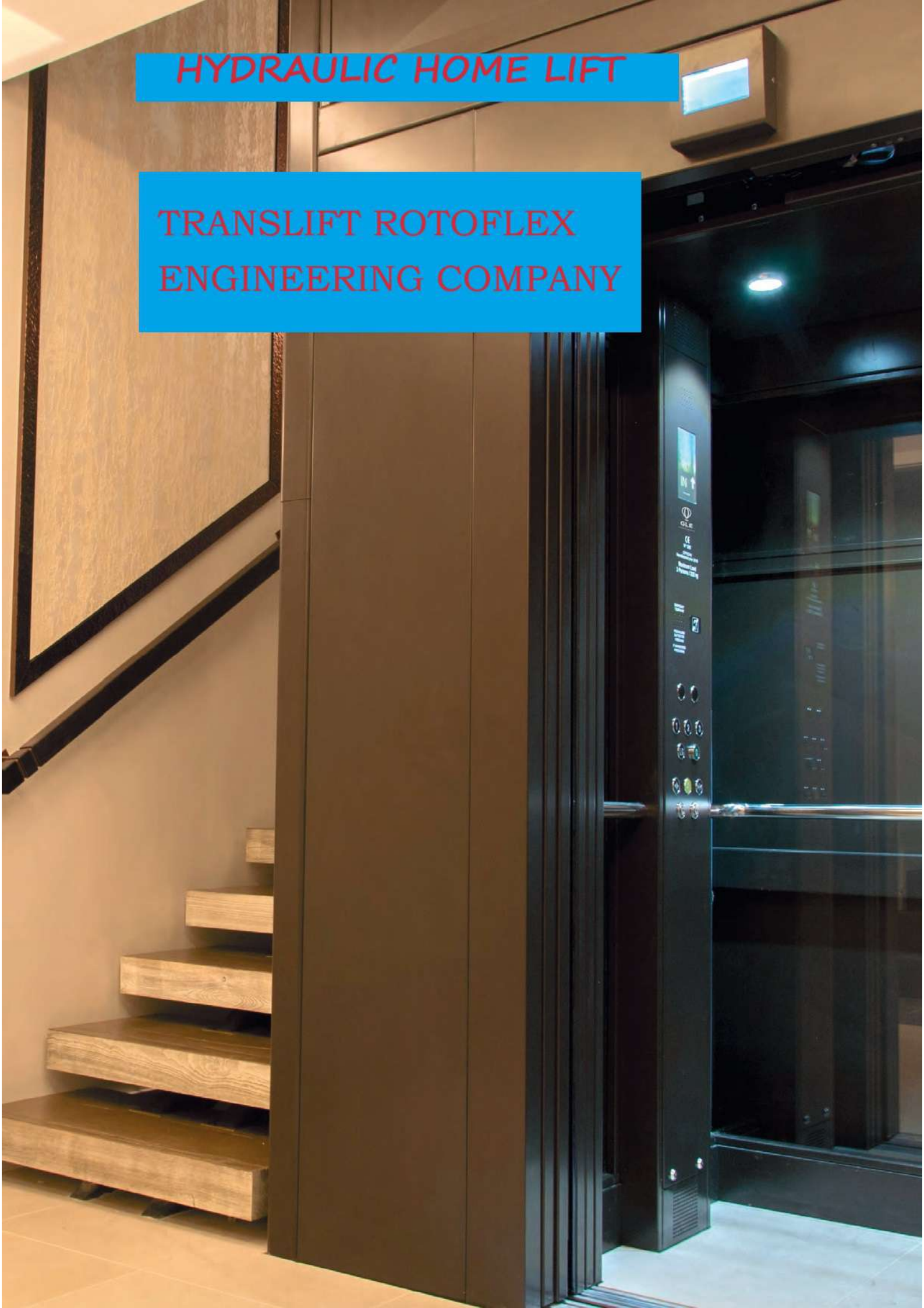
translift07@gmail.com



Works : 10, Ramananda Chatterjee
Street, Kolkata - 700 009

HYDRAULIC HOME LIFT

**TRANSLIFT ROTOFLEX
ENGINEERING COMPANY**



TRANSLIFT[®]
ROTOFLEX
Feel **SAFE**, Feel **ELEVATED**

- ✓ Hydraulic home lift.
 - ✓ Automatic car and landing doors: powder coated, stainless steel or glazed.
 - ✓ Single, through or adjacent openings.
 - ✓ Motor controlled by a VVVF system to improve the energy efficiency and floor stop accuracy.
 - ✓ Control cabinet from 600 W x 280 D x 1000 H mm.
 - ✓ Speed from 0.15 m/s to 0.3 m/s.
 - ✓ Rated loads 250 - 325 - 400 Kg suitable for both passengers and A or B wheelchair users (consult tables).
 - ✓ Maximum travel 21 metres or 5 stops.
 - ✓ Indoor or outdoor structure, if no shaft available, in steel or glazed cladding.
 - ✓ Minimum pit of 120 mm.
 - ✓ In the event of power failure, the lift will return to the lowest floor and will release the door lock.
 - ✓ Machinery Directive 2006/42/EC.
 - ✓ Australian codes AS1735.18 and AS1735.16.
-

Technical features

Drive unit type	Hydraulic
Operational type	Electronic variable-frequency drive which minimises the lift's energy consumption, increases ride comfort and optimises car-to-landing stop accuracy.
Rated speed	0.15 metres/second AUS: 0.30 metres/second.
Rated loads	250, 325 or 400 Kg.
Entrance configurations	Single, double at 90°, double at 180° or triple (not available for AUS).
Maximum travel	From 15 to 21 metres, depending on the load rating and lift car selected. Varies according to system configuration.
Power	From 1.4 up to 4kW depending on the model selected.
Car height	2000, 2050, 2100 (standard), 2150 or 2200 mm.
Minimum pit depth	120 mm. / 200 mm. (AUS)
Minimum headroom	Entrance 0 / 180°: 2400 mm. / 2500 mm. (AUS) Entrance 90°: 2600 mm. / 2600 mm. (AUS)
Door clearance width	From 600 to 900 mm. in 50 mm. increments (800 mm. for class A or B wheelchairs).
Extras	<ul style="list-style-type: none"> • Acoustic alarm push-button. • Door open push-button. • Emergency lighting. • 2D full height electronic door-safety barrier. • Overload monitor with visual & acoustic in-car alert. • Stand-by mode. • Lift car lighting switched off when not in use.
Control system	<ul style="list-style-type: none"> • Single - phase power supply 240VAC. • 3-phase power supply available. • Voltage and frequency inverter, with no electrical circuit protection box. • APB control system.
Hydraulics	<ul style="list-style-type: none"> • Variable voltage variable frequency (VVVF) drive system. • Passenger release using manually-operated pump for raising and lowering lift car. • Pressure switch. • Can be located within a distance of 10 metres from the shaft.

Extras

Hydraulics & control system cabinet

Design and dimensions vary according to lift model selected.

Flooring

The lift car floor can be finished in marble or any other material requested by the customer. Additional pit depth might be required.

Landing doors

Landing doors with special finishes according to customer requirements.

Lift car doors

Car doors with special finishes according to customer requirements.

Electronic controls

Open to special functions upon customer request.

Lift car

Cars with special dimensions and finishes not included in the catalogue can be supplied upon request.

Shaft lighting

In the pit and the upper shaft area.

Guide rails

- Guide rail lengths of 5 metres.
- Oil drip trays.

Structure

- Metal structure; indoor or outdoor, glazed or steel cladding.
- Structure painted in a choice of RAL colours or finished in stainless steel.

Digital indicators

Indicators not included in the catalogue are available upon customer request.

Environmentally-friendly optional extras

Biodegradable lubricant available for the hydraulic drive unit.

Others

- Accumulation of reserve energy power by batteries to allow lift travel in case of power failure.
- Electrical circuit protection box.
- Access ramp in the absence of a pit.
- Assembly tools.
- Telephone integrated into car operating panel.
- Maintenance tool: inspection box.

Installation kits

- Safety gear pedal lock.
- Plumb line fixings and car lifting kit.
- Guide rail template for car.
- Guides lifting tool.
- Telescopic structure working platforms.

250 Kg

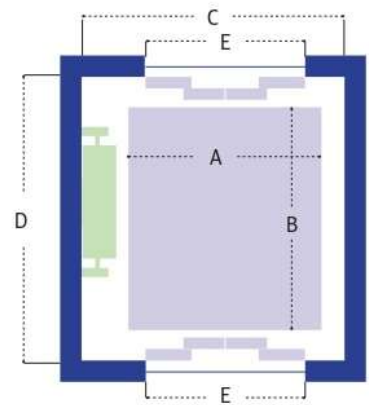
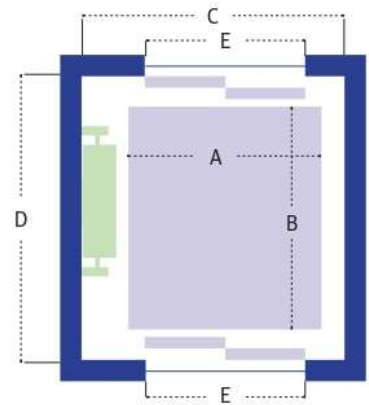
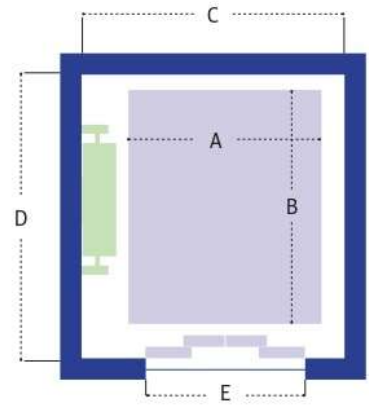
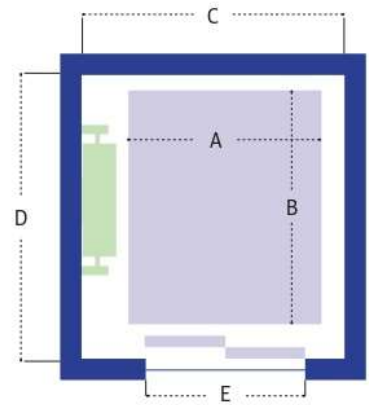
250 Kg - SINGLE ENTRANCE (SIDE-MOUNTED)				
Access 0° Type 2 Panel Side Opening Doors				
Car (interior)		Shaft (interior)		Clear opening
A	B	C	D	E
750	785	1100	1100	600
800	1250	1150	1565	600
800	1250	1250	1565	700
900	1100	1250	1415	700
1000	1000	1350	1315	700
1100	900	1450	1215	800

250 Kg - SINGLE ENTRANCE (SIDE-MOUNTED)				
Access 0° Type 4 Panel Centre Opening Doors				
Car (interior)		Shaft (interior)		Clear opening
A	B	C	D	E
1000	1000	1350	1315	800

250 Kg - DOUBLE ENTRANCE (SIDE-MOUNTED)				
Access 180° Type 2 Panel Side Opening Doors				
Car (interior)		Shaft (inside)		Clear opening
A	B	C	D	E
750	860	1100	1380	600
800	1250	1150	1770	600
800	1250	1250	1770	700
900	1100	1250	1620	700
1000	1000	1350	1520	700
1100	900	1450	1420	800

250 Kg - DOUBLE ENTRANCE (SIDE-MOUNTED)				
Access 180° Type 4 Panel Centre Opening Doors				
Car (interior)		Shaft (interior)		Clear opening
A	B	C	D	E
1000	1000	1350	1520	800

When structure is required:
Shaft width: C+ 75 mm. | Shaft depth: D+ 75 mm.



250 Kg

250 Kg · DOUBLE ENTRANCE (SIDE-MOUNTED)

Access 90° Type 2 Panel Side Opening Doors

Car (interior)		Shaft (interior)		Clear opening
A	B	C	D	
740	885	1300	1200	600
800	1250	1400	1565	700
900	1100	1460	1415	700
1000	1000	1560	1315	700
1100	900	1660	1250	700



250 Kg · DOUBLE ENTRANCE (SIDE-MOUNTED)

Access 90° Type 4 Panel Centre Opening Doors

Car (interior)		Shaft (interior)		Clear opening
A	B	C	D	
800	1250	1400	1565	800
1000	1000	1560	1415	800



250 Kg · SINGLE ENTRANCE (REAR-MOUNTED)

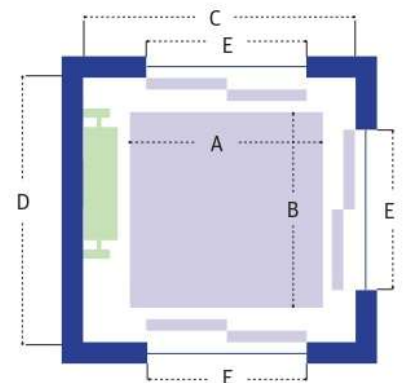
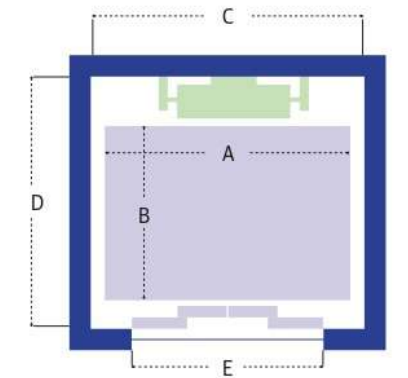
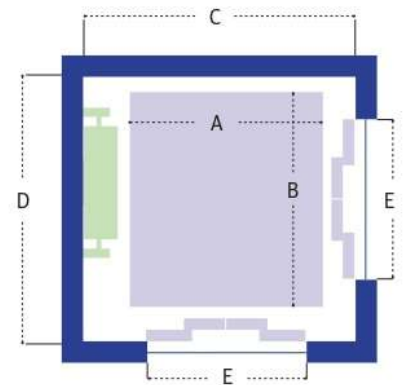
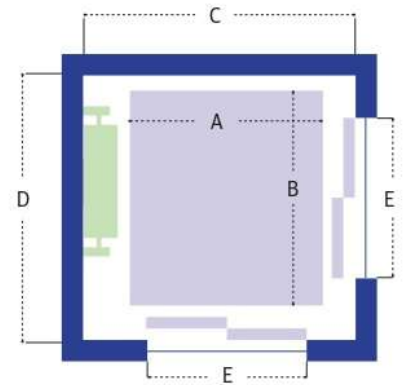
Access 0° Type 4 Panel Centre Opening Doors

Car (interior)		Shaft (interior)		Clear opening
A	B	C	D	
960	540	1100	1100	600
1100	900	1250	1460	700
1200	800	1350	1360	800

250 Kg · TRIPLE ENTRANCE (SIDE-MOUNTED)

Type 2 Panel side Opening Doors

Car (interior)		Shaft (interior)		Clear opening
A	B	C	D	
800	1250	1400	1770	700



When structure is required:
 Shaft width: C+ 75 mm | Shaft depth: D+ 75 mm.

325 Kg

325 Kg - SINGLE ENTRANCE (SIDE-MOUNTED)				
Access 0° Type 2 Panel Side Opening Doors				
Car (interior)		Shaft (interior)		Clear opening
A	B	C	D	E
900	1400	1250	1715	700
900	1400	1400	1715	800
1000	1250	1350	1565	700
1000	1250	1400	1565	800
1100	1125	1450	1440	800



325 Kg - SINGLE ENTRANCE (SIDE-MOUNTED)				
Access 0° Type 4 Panel Centre Opening Doors				
Car (interior)		Shaft (interior)		Clear opening
A	B	C	D	E
900	1400	1350	1715	800
1000	1250	1350	1565	800
1100	1125	1500	1440	900



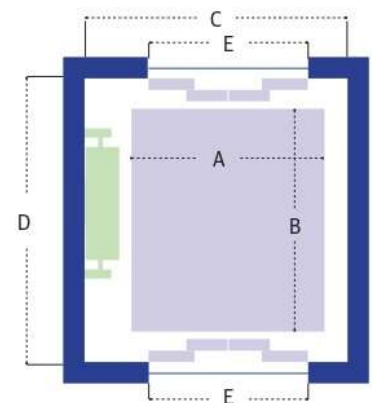
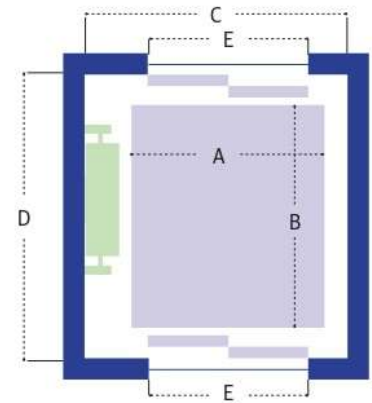
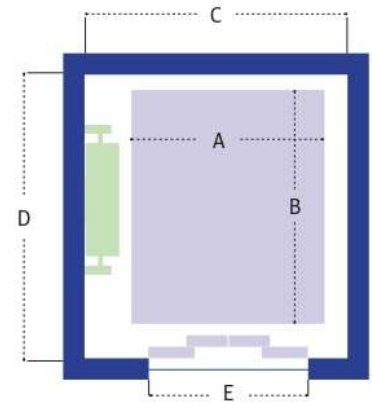
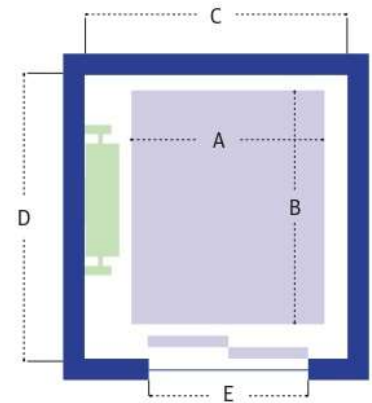
325 Kg - DOUBLE ENTRANCE (SIDE-MOUNTED)				
Access 180° Type 2 Panel Side Opening Doors				
Car (interior)		Shaft (interior)		Clear opening
A	B	C	D	E
900	1400	1250	1920	700
900	1400	1400	1920	800
1000	1250	1350	1770	700
1000	1250	1400	1770	800
1100	1125	1450	1645	800



325 Kg - DOUBLE ENTRANCE (SIDE-MOUNTED)				
Access 180° Type 4 Panel Centre Opening Doors				
Car (interior)		Shaft (interior)		Clear opening
A	B	C	D	E
900	1400	1350	1920	800
1000	1250	1350	1770	800
1100	1125	1500	1645	900



When structure is required:
Shaft width: C+ 75 mm. | Shaft depth: D+ 75 mm.

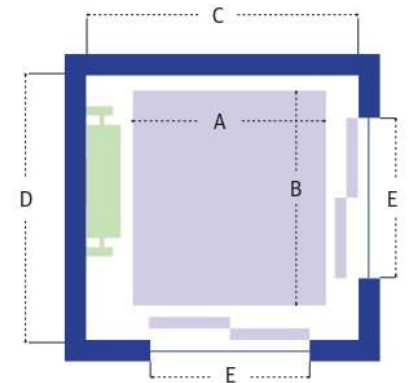


325 Kg

325 Kg - DOUBLE ENTRANCE (SIDE-MOUNTED)

Access 90° Type 2 Panel Side Opening Doors

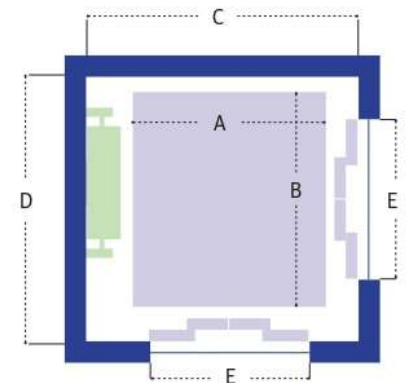
Car (interior)		Shaft (interior)		Clear opening
A	B	C	D	E
900	1400	1460	1715	700
900	1400	1560	1715	800
1000	1250	1560	1590	800
1100	1125	1660	1450	800



325 Kg - DOUBLE ENTRANCE (SIDE-MOUNTED)

Access 90° Type 4 Panel Centre Opening Doors

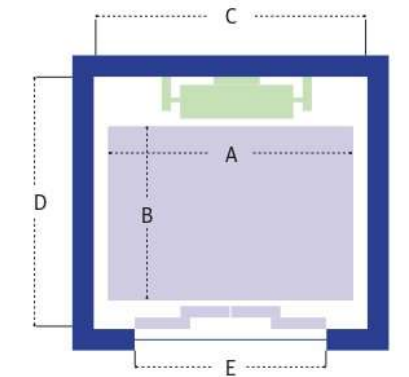
Car (interior)		Shaft (interior)		Clear opening
A	B	C	D	E
900	1400	1460	1715	800
920	1400	1500	1715	900



325 Kg - SINGLE ENTRANCE (REAR-MOUNTED)

Access 0° Type 4 Panel Centre Opening Doors

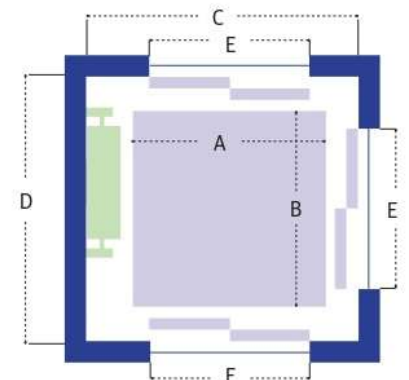
Car (interior)		Shaft (interior)		Clear opening
A	B	C	D	E
1100	1100	1250	1660	700
1200	1000	1350	1560	800
1400	900	1550	1460	900



325 Kg - TRIPLE ENTRANCE (SIDE-MOUNTED)

Type 2 Panel Side Opening Doors

Car (interior)		Shaft (interior)		Clear opening
A	B	C	D	E
900	1400	1560	1920	800



When structure is required:
 Shaft width: C+ 75 mm | Shaft depth: D+ 75 mm.

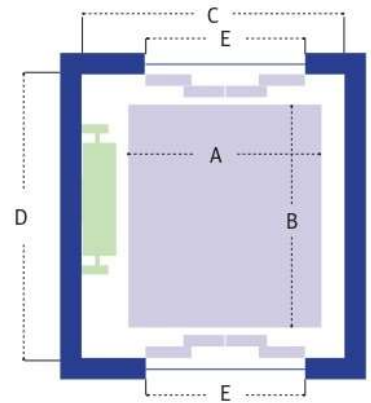
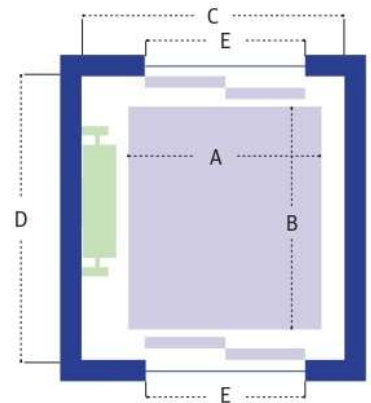
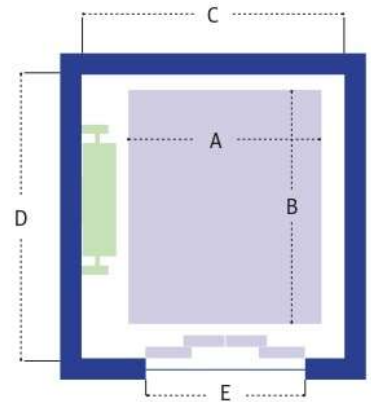
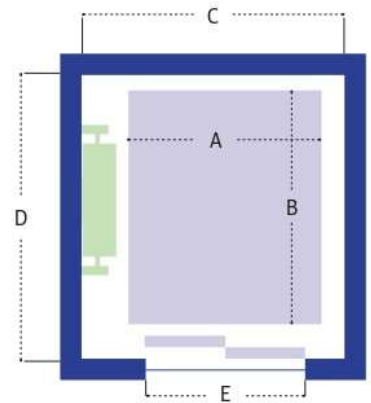
400 Kg

400 Kg · SINGLE ENTRANCE (SIDE-MOUNTED)					
Access 0° Type 2 Panel Side Opening Doors					
Car (interior)		Shaft (interior)		Clear opening	
A	B	C	D	E	
1100	1400	1450	1715	800	♿ ^B
1100	1400	1550	1715	900	
1100	1200	1450	1515	800	♿ ^B
1100	1200	1550	1515	900	
1000	1300	1400	1615	800	♿ ^B
1000	1300	1550	1615	900	♿ ^B

400 Kg · SINGLE ENTRANCE (SIDE-MOUNTED)					
Access 0° Type 4 Panel Centre Opening Doors					
Car (interior)		Shaft (interior)		Clear opening	
A	B	C	D	E	
1100	1400	1500	1715	900	♿ ^B
1000	1300	1350	1615	800	♿ ^B
1000	1300	1500	1615	900	♿ ^B
1100	1200	1500	1515	900	

400 Kg · DOUBLE ENTRANCE (SIDE-MOUNTED)					
Access 180° Type 2 Panel Side Opening Doors					
Car (interior)		Shaft (interior)		Clear opening	
A	B	C	D	E	
1100	1400	1450	1920	800	♿ ^B
1100	1400	1550	1920	900	
1100	1200	1450	1720	800	♿ ^B
1100	1200	1550	1720	900	
1000	1300	1400	1820	800	♿ ^B
1000	1300	1550	1820	900	♿ ^B

400 Kg · DOUBLE ENTRANCE (SIDE-MOUNTED)					
Access 180° Type 4 Panel Centre Opening Doors					
Car (interior)		Shaft (interior)		Clear opening	
A	B	C	D	E	
1100	1400	1500	1920	900	♿ ^B
1000	1300	1350	1820	800	♿ ^B
1000	1300	1500	1820	900	
1100	1200	1500	1720	900	



When structure is required: Shaft width: C+ 75 mm. | Shaft depth: D+ 75 mm.

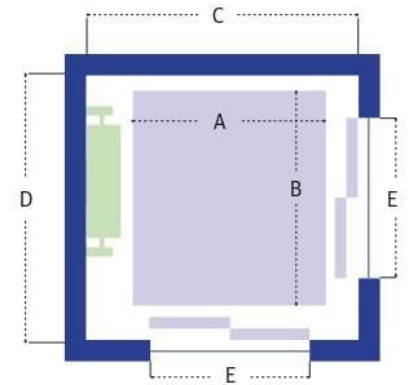
Dimensions

400 Kg

400 Kg · DOUBLE ENTRANCE (SIDE-MOUNTED)

Access 90° Type 2 Panel Side Opening Doors

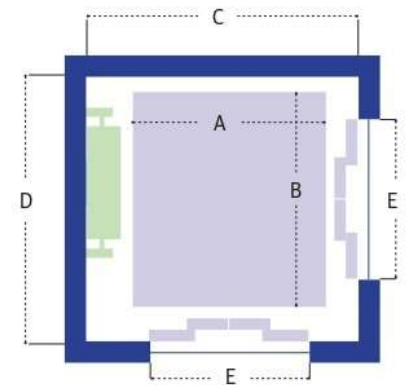
Car (interior)		Shaft (interior)		Clear opening
A	B	C	D	E
1100	1400	1660	1715	800
1100	1400	1750	1715	900
1100	1250	1660	1565	800
1100	1250	1810	1565	900
1000	1300	1600	1615	800



400 Kg · DOUBLE ENTRANCE (SIDE-MOUNTED)

Access 90° Type 4 Panel Centre Opening Doors

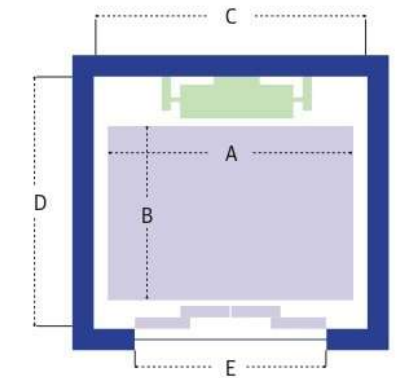
Car (interior)		Shaft (interior)		Clear opening
A	B	C	D	E
1100	1400	1660	1715	900
1000	1300	1560	1615	800



400 Kg · SINGLE ENTRANCE (REAR-MOUNTED)

Access 0° Type 4 Panel Centre Opening Doors

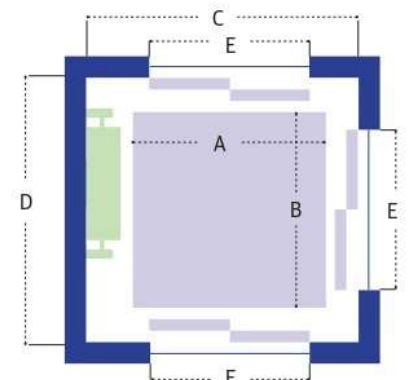
Car (interior)		Shaft (interior)		Clear opening
A	B	C	D	E
1200	1100	1350	1660	800
1400	1100	1550	1660	900



400 Kg · TRIPLE ENTRANCE (SIDE-MOUNTED)

Type 2 Panel side Opening Doors

Car (interior)		Shaft (interior)		Clear opening
A	B	C	D	E
1100	1400	1750	1920	900



When structure is required:
 Shaft width: C+ 75 mm. | Shaft depth: D+ 75 mm.

Models

GLE-1Layer



A cost-effective solution with a wide range of skinplate or stainless steel finishes.

GLE-Mute



A selective range of laminate or stainless steel finishes

GLE-Glass



An elegant car with an extensive range of back-painted glass finishes.

GLE-Lux



Top of the range model with an impressive selection of luxury finishes.

GLE-Outlook



A range of panoramic cars for interior/ exterior installations

Door Options



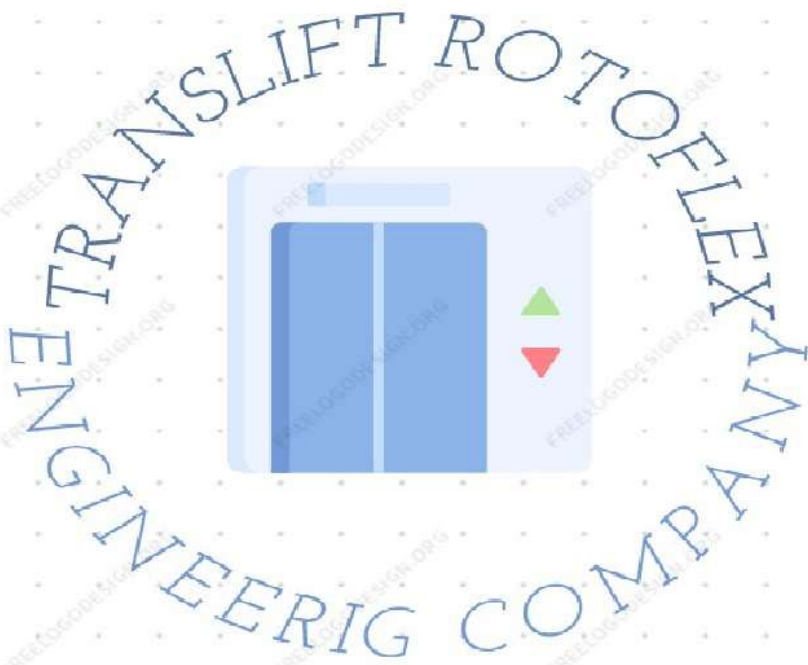
Sliding powered door glazed



Sliding powered door in RAL colour or stainless steel







- ✓ Hydraulic home lift.
 - ✓ Manual hinged door in powder coated steel or glazed finish.
 - ✓ Single, through or adjacent openings.
 - ✓ Control cabinet from 600 W x 280 D x 1000 H mm.
 - ✓ Speed from 0.15 m/s to 0.3 m/s.
 - ✓ Rated loads 250 - 315 - 385 Kg for both passengers and A or B wheelchair users (consult tables).
 - ✓ Maximum travel 12 metres.
 - ✓ Indoor or outdoor structure, if no shaft available, in steel or glazed cladding.
 - ✓ Minimum pit of 100 mm.
 - ✓ In the event of power failure, the lift will return to the lowest floor and will release the door lock.
 - ✓ Machinery Directive 2006/42/EC
-

Technical features

Drive unit type	Hydraulic
Operational type	Hydraulic electronic valve control.
Rated speed	0.15 metres/second AUS: 0.30 metres/second
Rated loads	250, 315 or 385 Kg.
Entrance configurations	Single, double at 90°, double at 180° or triple (not available for AUS)
Maximum travel	12 metres.
Power	From 1.5 up to 3.4kW depending on the model selected
Car height	2000, 2050, 2100 (standard), 2150 or 2200 mm.
Minimum pit depth	100 mm. / 120 mm. (AUS)
Minimum headroom	2450 mm.
Door clearance width	From 600 to 900 mm. in 50 mm. increments (800 mm. for Class A or B wheelchairs)
Extras	<ul style="list-style-type: none"> • Acoustic alarm push-button • Emergency lighting • 2D full height electronic door-safety barrier. • Overload monitor with visual & acoustic in-car alert • Lift car lighting switched off when out of use
Control system	<ul style="list-style-type: none"> • Single - phase power supply 240VAC. • Voltage and frequency inverter, with no electrical circuit protection box. • APB control system.
Hydraulics	<ul style="list-style-type: none"> • Passenger release using manually-operated pump for raising and lowering lift car. • Pressure switch. • Can be located within a distance of 10 metres from the shaft.

Available

Extras

Hydraulics & control system cabinet

Design and dimensions vary according to lift model selected.

Flooring

The lift car floor can be finished in marble or any other material requested by the customer. Additional pit depth might be required.

Landing doors

Landing doors with special finishes according to customer requirements.

Lift car doors

Folding car door Ecobus in stainless steel or glazed (requiring 65 mm extra car depth).

Electronic controls

Open to special functions upon customers request.

Lift car

Cars with special dimensions and finishes not included in the catalogue can be supplied upon request.

Shaft lighting

In the pit and the upper shaft area.

Guide rails

- Guide rail lengths of 2.5 metres
- Oil drip trays.

Structure

- Metal structure; indoor or outdoor, glazed or steel cladding.
- Structure painted in a choice of RAL colours or finished in stainless steel.

Digital indicators

Indicators not included in the catalogue are available at customer request.

Environmentally-friendly optional extras

Biodegradable lubricant available for the hydraulic drive unit.

Others

- Accumulation of reserve energy power by batteries to allow lift travel in case of power failure.
- Electrical circuit protection box.
- Access ramp in the absence of a pit.
- Assembly tools.
- Telephone integrated into car operating panel.
- Maintenance tool: inspection box.

Installation kits

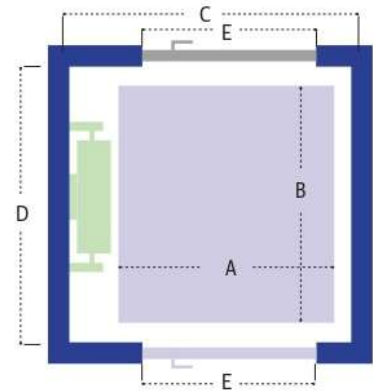
- Safety gear pedal lock.
 - Plumb line fixings and car lifting kit.
 - Guide rail template for car.
 - Guides lifting tool.
 - Telescopic structure working platforms.
-

Dimensions

250 Kg

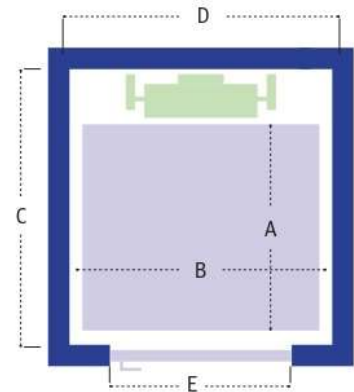
250 Kg
 1 Entrance (Mechanism Side-Mounted) & 2 Entrances at 180°

Car (interior)		Shaft (interior)		Clear opening
A	B	C	D	E
800	1250	1055	1360	700
900	1100	1155	1210	800
1000	1000	1255	1110	900
1100	900	1355	1010	900
685	750	940	860	600



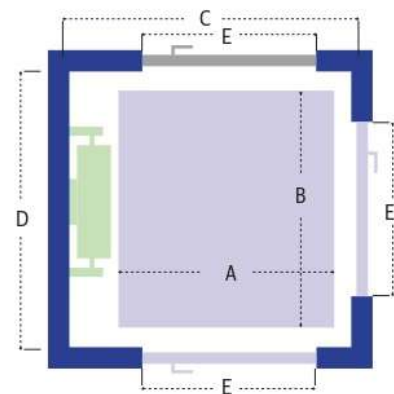
250 Kg
 1 Entrance (Rear Mounted)

Car (interior)		Shaft (interior)		Clear opening
A	B	C	D	E
800	1250	1055	1360	900
900	1100	1155	1210	900
1000	1000	1255	1110	800
1100	900	1355	1010	700
600	770	855	880	600



250 Kg
 Double entrance at 90°

Car (interior)		Shaft (interior)		Clear opening
A	B	C	D	E
800	1250	1055	1360	700/900
900	1100	1155	1210	800/800
1000	1000	1255	1110	900/700
1100	900	1355	1010	900/600
685	850	940	960	600/600



When structure is required:
 Shaft width: C+ 75 mm. | Shaft depth: D+ 75 mm.

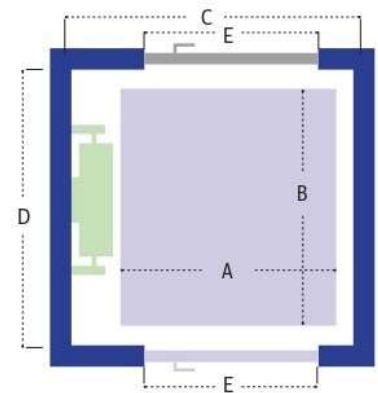
AUS: Please add 35 mm to the shaft depth.

Dimensions

315 Kg

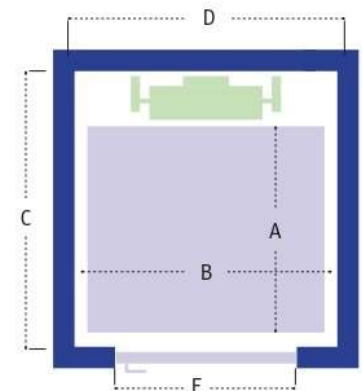
315 Kg
 1 Entrance (Mechanism Side-Mounted) & 2 Entrances at 180°

Car (interior)		Shaft (interior)		Clear opening
A	B	C	D	E
900	1400	1155	1510	800
800	1400	1055	1510	700
1000	1250	1255	1360	900
1100	1125	1355	1235	900
800	750	1055	860	700



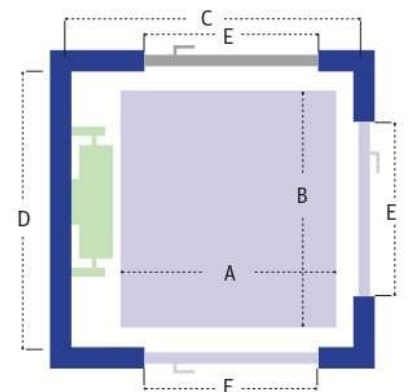
315 Kg
 1 Entrance (Rear Mounted)

Car (interior)		Shaft (interior)		Clear opening
A	B	C	D	E
1100	1000	1355	1110	800
900	1300	1155	1410	900
1000	1250	1250	1360	900
1100	1125	1355	1235	900
700	870	955	980	700



315 Kg
 Double entrance at 90°

Car (interior)		Shaft (interior)		Clear opening
A	B	C	D	E
900	1400	1155	1510	800/900
800	1400	1055	1510	700/900
1000	1250	1255	1360	900/900
1100	1125	1355	1235	900/800
800	950	1055	1060	700/700



When structure is required:
 Shaft width: C+ 75 mm. | Shaft depth: D+ 75 mm.

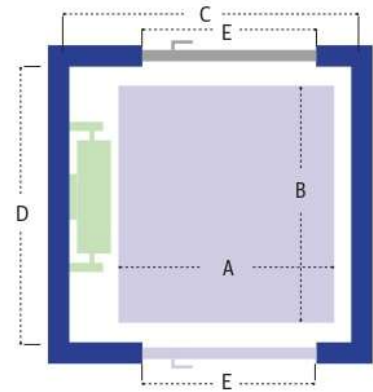
AUS: Please add 35 mm to the shaft depth.

Dimensions

385 Kg

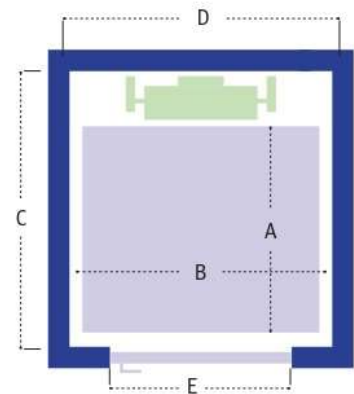
385 Kg
 1 Entrance (Mechanism Side-Mounted) & 2 Entrances at 180°

Car (interior)		Shaft (interior)		Clear opening	
A	B	C	D	E	
1100	1400	1355	1510	900	
1100	1200	1355	1310	900	
1000	1300	1255	1410	900	
900	1400	1155	1510	800	
900	1100	1155	1210	800	



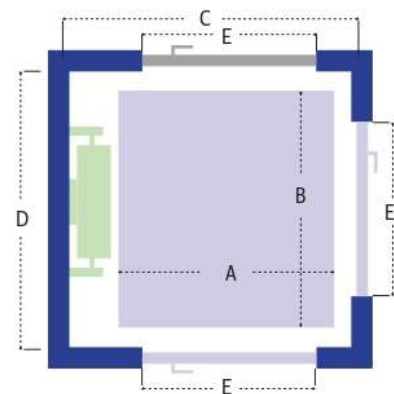
385 Kg
 1 Entrance (Rear Mounted)

Car (interior)		Shaft (interior)		Clear opening	
A	B	C	D	E	
1100	1400	1355	1510	900	
1100	1200	1355	1310	900	
1000	1300	1255	1410	900	
900	1400	1155	1510	800	
900	970	1155	1210	800	



385 Kg
 Double entrance at 90°

Car (interior)		Shaft (interior)		Clear opening	
A	B	C	D	E	
1100	1400	1355	1510	900/900	
1100	1200	1355	1310	900/900	
1000	1300	1255	1410	900/900	
1100	1125	1355	1235	900/800	
900	1000	1155	1210	800/800	



When structure is required:
 Shaft width: C+ 75 mm. | Shaft depth: D+ 75 mm.

AUS: Please add 35 mm to the shaft depth.