

Product Catalogue



GLE.Enviro.MRL



GLE.Rhino.LIFT



GLE.Impro.LIFT



GLE.ProButler.LIFT



GLE

Global Lift Equipment

LIFTS & COMPONENTS



GLE Mission

Our goal is to become a **new generation** of business leaders; boosting our clients' trade by supplying, manufacturing and offering support on our growing range of **environmentally conscious, technologically advanced** products **all over the world**.

We **excell** and **surpass** expectations within our company by continually improving our internal management models, techniques and guidelines through numerous **management disciplines**.

We base our company values on complete **customer dedication**; from the design proposal stage to our after sales care. By working alongside **world renowned** suppliers we offer **superior quality, proven reliability and excellent value**.

GLE Strengths



Direct Approach

The Direct Approach control system manages the lift position within the shaft to give reduced waiting times, precise floor levelling and unbeatable travel comfort.



Safety

Fully compliant with all major European Standards the Envirange guarantees maximum safety for end users.



Open protocol - no maintenance company restriction

The GLE control system can be maintained by any competent lift company, meaning end users are not restricted to a particular maintenance supplier.



Flexibility

The featured range of lift cars is only a small insight into the GLE range. We offer a full, bespoke design service for all our products.



Eco Mode - BREEAM® Credits

The GLE range boasts numerous energy efficient features including a standby mode, LED lighting, gearless machines and energy management systems.



Regenerative drives

The EcoSaver® energy management system feeds energy back into the grid and can result in an energy saving of up to 50%.



International presence

The Enviro MRL range is installed, maintained and serviced in over 50 countries.



Reduced shaft dimensions

The Enviro MRL range boasts maximum space usage to offer customers the largest lift car possible.



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EMERGENCY TELEPHONE
FOR THE USE OF PASSENGERS
AND STAFF ONLY



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Enviro Progress | 300-630 kg

Enviro Custo-Max | 300-630 kg

Enviro 1:1 | 450-630 kg

Enviro Trend 1 | 750-1000 kg

Enviro Trend 2 | 630-1000 kg at 1.6 m/s

Enviro Trend 3 | 750-1275 kg

Enviro Trend 4 | 1275 kg at 1.6 m/s

Enviro XL 1 | 1350-2000 kg

Enviro XL 2 | 2100-3000 kg

Enviro XL 3 | 3100-4000 kg

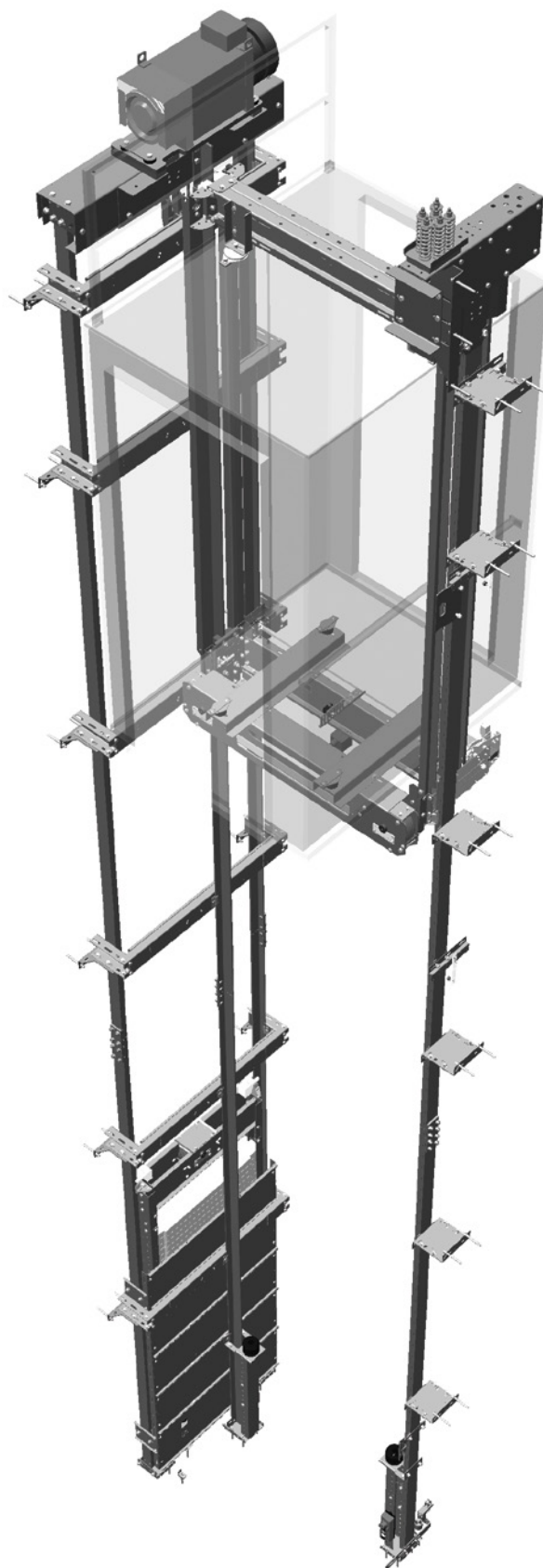
Enviro Progress

Ideal for residential and office environments

- MRL lift.
- Ranging a load capacity from 300 to 630 kg at rated speed of 1 m/s.
- Our gearless motor is light, compact, energy-efficient and eco-friendly.
- Highly competitive in space-saving.
- Easy to install and maintain. Special installation tools available on request.
- Equipped with Direct Approach System as standard.
- EN81-20 compliant.
- Alternative machines are available for this lift model.

Enviro Progress

Building type	 
Load	300-630 kg
Speed	1 m/s
Min. Pit	1050 mm
Min. Headroom	3400 mm
Roping	2 : 1
Openings	0° - 180°
Sling type	Conventional pulleys below
Machine	WYJ140 10-450-2S WYJ140 10-630-2S
Guide Rails	Car T70/9 - T82/A Counterweight T50/A - T70/A
Car Frame	(P+Q) Max 1680 kg
Ropes	Diameter= 6,5 mm 8x19-Warrington + IWRC





Rated Load (kg)	Nº of people	Speed (m/s)	Entrances Nº/Angle	Car Size		Shaft Size		Pit	Headroom	Doors**	Machine*** Power/Current
				Width	Depth	Width	Depth*				
300	4	1	1/0º	800	1050	1300	1275	1050	3400	2PSO 700	WYJ140-10-450-2 3Kw / In= 8A
			2/180º		1100	1300	1430				
			1/0º	900	950	1400	1175				
			2/180º		1000	1400	1330				
375	5		1/0º	850	1200	1350	1425				
			2/180º			1350	1530				
			1/0º	900	1100	1400	1325				
			2/180º			1400	1430				
450	6		1/0º	1000	1200	1500	1425				
			2/180º			1500	1530				
			1/0º		1250	1500	1475				
			2/180º			1500	1580				
630	8		1/0º	1100	1400	1600	1675			2PSO 900	WYJ140-10-630-2 4,3Kw / In= 11,5 A
			2/180º			1600	1775				
			1/0º			1800	1625				
			2/180º			1800	1725				
			1/0º			1950	1625				
			2/180º			1950	1725				
		2PCO 800									
		2PCO 900									

*Shaft depth dimensions consider landing doors 25mm inside the shaft.

**Calculations made for SELCOM WITTUR AUGUSTA EVO doors. For HYDRA doors, please add 20 mm to the shaft depth if side opening and 40 mm if centre opening.

***Alternative machines are available for this lift model.

Door sill widths: Augusta EVO 2PSO, 80 mm; Augusta EVO 2PCO, 40 mm; Hydra 2PSO, 90 mm; Hydra 2PCO, 75mm.

Unless stated otherwise, all dimensions are expressed in millimetres.

Operational ranges

Shaft

Pit:	Standard minimum: 1050 mm Reduced EN81-21 minimum: 800mm
Headroom:	Standard minimum (2200 mm high car): 3400 mm Reduced minimum (2050 mm high car): 3250 mm
Minimum width:	Car width + 500 mm

Car

Minimum width:	800 mm
Maximum width:	1300 mm
Minimum depth:	950 mm, single entrance 1050, double entrance
Maximum depth:	1500 mm
Standard Height:	2200 mm




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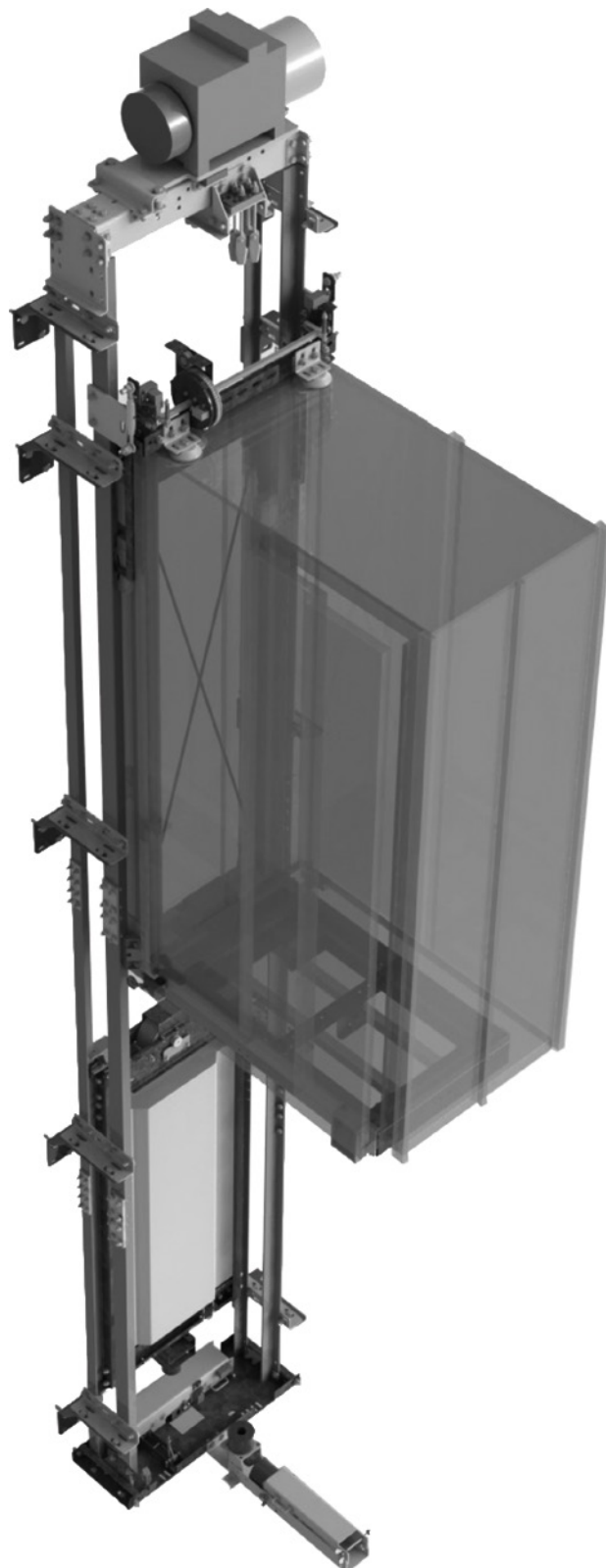
Enviro Custo-Max

The ideal refurbishment solution

- MRL lift.
- Ranging a load capacity from 300 to 630 kg at rated speed of 1 m/s.
- Our gearless motor is light, compact, energy-efficient and eco-friendly.
- Entrance configuration can be single, double at 90° or 180° or triple.
- Ideal where shaft space is limited. Highly competitive in space saving.
- Extremely reduced headroom and pit.
- Easy to install and maintain. Special installation tools available on request.
- Equipped with Direct Approach System as standard.
- EN81-20 compliant.
- Alternative machines are available for this lift model.

Enviro Custo-Max

Building type	
Load	300-630 kg
Speed	1 m/s
Min. Pit	350 mm
Min. Headroom	2750 mm
Roping	2 : 1
Openings	0° - 90° - 180°
Sling type	Conventional pulleys below
Machine	WYJ140 10-450-2S WYJ140 10-630-2S
Guide Rails	Car T70/9 - T82/A Counterweight T50/A - T70/A
Car Frame	(P+Q) max 1680 kg
Ropes	Diameter= 6,5 mm 8x19-Warrington + IWRC



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Side-mounted system												
Rated Load (kg)	Nº of people	Speed (m/s)	Entrances Nº/Angle	Car Size		Shaft Size		Pit	Headroom	Doors**	Machine*** Power/Current	
				Width	Depth	Width	Depth*					
300	4	1	1/0º	850	1000	1300	1240	1050	3400	2PSO 700	WYJ140-10-450-2 3Kw In= 8A	
			2/180º			1300	1330					
			2/90º			1400	1350					
375	5		1/0º	900	1100	1350	1340					2PSO 800
			2/180º			1350	1430					
			2/90º			1450	1340					
			1/0º	1200	850	1650	1140					
			2/180º			1650	1180					
			2/90º			1750	1340					
450	6		1/0º	1100	1100	1550	1340			2PSO 900		WYJ140-10-630-2 4,3kw In= 11,5 A
			2/180º			1550	1430					
			2/90º			1650	1450					
			1/0º	1000	1250	1450	1490				2PCO 800	
			2/180º			1450	1580					
			2/90º			1550	1500					
630	8		1/0º	1200	1250	1650	1490			2PCO 900		
			2/180º			1650	1580					
			2/90º			1765	1640					
			1/0º	1100	1400	1550	1640				2PCO 900	
			2/180º			1550	1730					
			2/90º			1650	1650					
			1/0º			1800	1640					
			2/180º			1800	1700					
			1/0º			1950	1640					
			2/180º			1950	1700					

Rear-mounted system											
Rated Load (kg)	Nº of people	Speed (m/s)	Entrances Nº/Angle	Car Size		Shaft Size		Pit	Headroom	Doors**	Power / Nominal Current
				Width	Depth	Width	Depth*				
300	4	1	1/0º	1000	850	1230	1425	1050	3400	4PCO 700	WYJ140-10-450-2 3Kw / In= 8A
375	5			1100	900	1230	1475			4PCO 800	
450	6			1200	1000	1360	1575				
630	8					1400	1100			1530	1675

*Shaft depth dimensions consider landing doors 25mm inside the shaft

**Calculations made for SELCOM WITTUR AUGUSTA EVO doors. For HYDRA doors, please add 20 mm to the shaft depth if side opening and 40 mm if centre opening.

***Alternative machines are available for this lift model.

Door sill widths: Augusta EVO 2PSO, 80 mm; Augusta EVO 2PCO, 40 mm; Hydra 2PSO, 90 mm; Hydra 2PCO, 75mm.

Unless stated otherwise, all dimensions are expressed in millimetres.

Operational ranges

Shaft	Pit:	Standard minimum: 1050 mm. Reduced EN81-21 minimum: 350 mm
	Headroom:	Standard minimum (2200 mm high car): 3400 mm Reduced minimum (2050 mm high car): 3250 mm Reduced EN81-21 minimum (2050 mm high car): 2850 mm Reduced EN81-21 minimum (2000 mm high car): 2700 mm
Car	Minimum width: ¹	700 mm
	Maximum width: ¹	1200 mm
	Minimum depth: ¹	650 mm
	Maximum depth: ¹	1600 mm
	Standard Height:	2200 mm

¹ Dimensions applicable for side-mounted system.

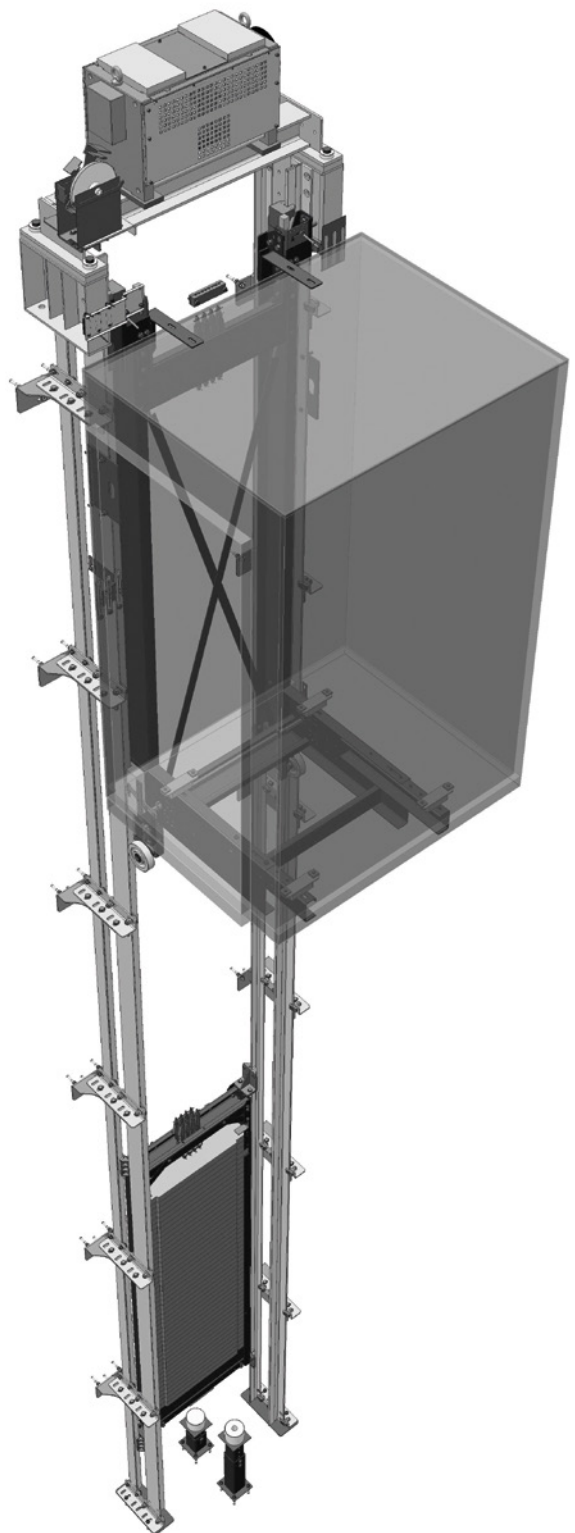
Enviro 1:1

Ideal for low and mid-rise buildings

- MRL lift.
- Ranging a load capacity from 300 to 630 kg at rated speeds of 1 or 1.4 m/s.
- GLE Diana gearless motor.
- Cantilevered car frame in 1:1 traction.
- Adjacent entry solution.
- Easy to install and maintain. Special installation tools available on request.
- Equipped with Direct Approach System as standard.
- EN81-20 compliant.
- Alternative machines are available for this lift model.
- Available with 16 mm guide rails upon request.

Enviro 1:1

Building type	 
Load	450-630 kg
Speed	1-1.4 m/s
Min. Pit	1100 mm
Min. Headroom	3450 mm
Roping	1:1
Openings	0° - 90° - 180°
Sling type	Cantilevered direct acting
Machine	Diana 10-450-1S Diana 16-450-1S
Guide Rails	Car T125 Counterweight T50/A
Car Frame	(P+Q) max 1500 kg
Ropes	Diameter= 8 mm 8x19-S+(5x7+1)





Side-mounted system													
Rated Load (kg)	Nº of people	Speed (m/s)	Entrances Nº/Angle	Car Size		Shaft Size		Pit	Headroom	Doors**	Machine*** Power/Current		
				Width	Depth	Width	Depth*						
450	6	1 or 1.4	1/0º	1000	1200	1550	1550	1100 (1 m/s)	3450 (1 m/s)	2PSO 800	DIANA 10-450-1S 3,1 Kw, In= 7,3 A (1m/s)		
			2/180º			1550	1650				DIANA 16-450-1S 5 Kw, In= 11,2 A (1.4 m/s)		
			2/90º			1700	1550						
630	8		1/0º	1100	1400	1650	1650			1400 (1.4 m/s)	3750 (1.4 m/s)	2PSO 900	DIANA 10-630-1S 4,3 Kw, In= 10 A (1m/s)
			2/180º			1650	1750						DIANA 16-630-1S 6,9 Kw, In= 15,4 A (1.4 m/s)
			2/90º			1800	1700						

*Shaft depth dimensions consider landing doors 25mm inside the shaft.

**Calculations made for SELCOM WITTUR AUGUSTA EVO doors. For HYDRA doors, please add 20 mm to the shaft depth if side opening and 40 mm if centre opening.

***Other machine options are available for this model.

Door sill widths: Augusta EVO 2PSO, 80 mm; Augusta EVO 2PCO, 40 mm; Hydra 2PSO, 90 mm; Hydra 2PCO, 75mm.

Unless stated otherwise, all dimensions are expressed in millimetres.

Operational ranges

Shaft

Pit:	Standard minimum: 1050 mm. Reduced EN81-21 minimum: 800 mm
Headroom:	Standard minimum (2200 mm high car): 3450 mm Reduced minimum (2050 mm high car): 3300 mm

Car

Minimum width:	900 mm
Maximum width:	1100 mm
Minimum depth:	1000 mm
Maximum depth:	1400 mm
Standard Height:	2200 mm



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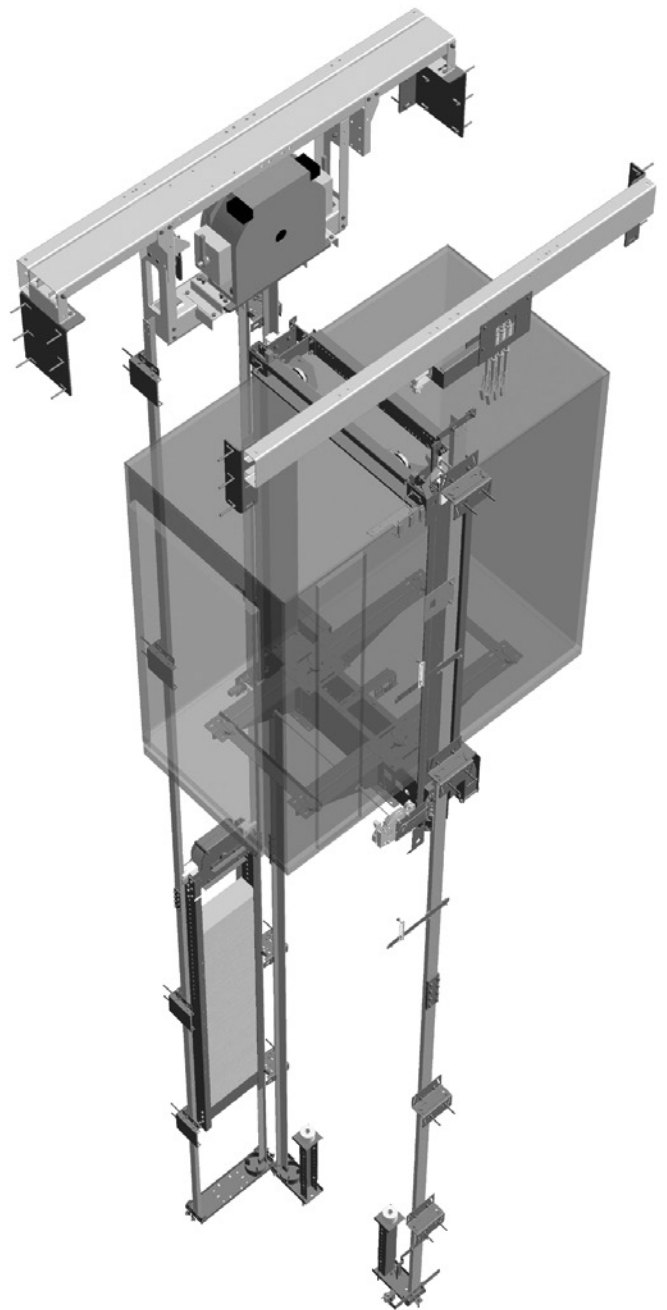
Enviro Trend 1

***Ideal for offices, hospitals
and public buildings***

- MRL lift.
- Ranging a rated load capacity from 750 to 1000 kg at rated speed of 1 m/s.
- Our gearless motor is light, compact, energy-efficient and eco-friendly.
- Easy to install and maintain. Special installation tools available on request.
- Equipped with Direct Approach System as standard.
- EN81-20 compliant.

Enviro Trend 1

Building type	  
Load	750-1000 kg
Speed	1 m/s
Min. Pit	1050 mm
Min. Headroom	3400 mm
Roping	2 : 1
Openings	0° - 180°
Machine	MINI 3-10-800 MINI 4-10-1000
Sling type	Conventional pulleys below
Guide Rails	Car T82/A Counterweight T50/A
Car Frame	(P+Q) Max 2350 kg
Ropes	Diameter= 8 mm // 8x19-S+(5x7+1)





Rated Load (kg)	Nº of people	Speed (m/s)	Entrances Nº/Angle	Car Size		Shaft Size		Pit	Headroom	Doors**	Machine Power/Current
				Width	Depth	Width	Depth*				
750	10	1	1/0º	1100	1600	1600	1875	1050	3400	2PSO 900	MINI 3-10-800 5,5kW / In= 13,2A
			2/180º			1600	2000			2PCO 900	
			1/0º			1950	1850			2PSO 900	
			2/180º			1950	1975			2PCO 900	
			1/0º	1300	1400	1800	1675			2PSO 900	
			2/180º			1800	1800			2PCO 900	
			1/0º			1950	1675			2PSO 900	
			2/180º			1950	1775			2PCO 900	
1000	13		1/0º	1100	2100	1600	2375			2PSO 900	MINI 4-10-1000 6,8kW / In= 16,8A
			2/180º			1600	2500			2PCO 900	
			1/0º			1950	2375			2PSO 1100	
			2/180º			1950	2475			2PCO 900	
			1/0º	1600	1400	2100	1675			2PSO 1100	
			2/180º			2100	1800			2PCO 900	
			1/0º			2100	1700			2PSO 900	
			2/180º			2125	1775			2PSO 900	
			1/0º	1400	1600	1900	1875			2PSO 900	
			2/180º			1900	1990			2PCO 900	
			1/0º			2000	1900			2PCO 900	
			2/180º			2125	1990			2PCO 900	

*Shaft depth dimensions consider landing doors 25mm inside the shaft

**Calculations made for SELCOM WITTUR HYDRA doors.

Counterweight safety gear not available for this model.

Door sill widths: Hydra 2PSO, 90 mm; Hydra 2PCO, 75mm.

Unless stated otherwise, all dimensions are expressed in millimetres.

Operational ranges

Shaft	Pit:	Standard minimum: 1050 mm Reduced minimum: 900mm (EN81-21)
	Headroom:	Standard minimum (2200 mm high car): 3400 mm Reduced minimum (2050 mm high car): 3250 mm
	Minimum width:	Car width + 500 mm
Car	Minimum width:	1000 mm
	Maximum width:	1650 mm
	Minimum depth:	1400 mm
	Maximum depth:	2100 mm
	Standard Height:	2200 mm



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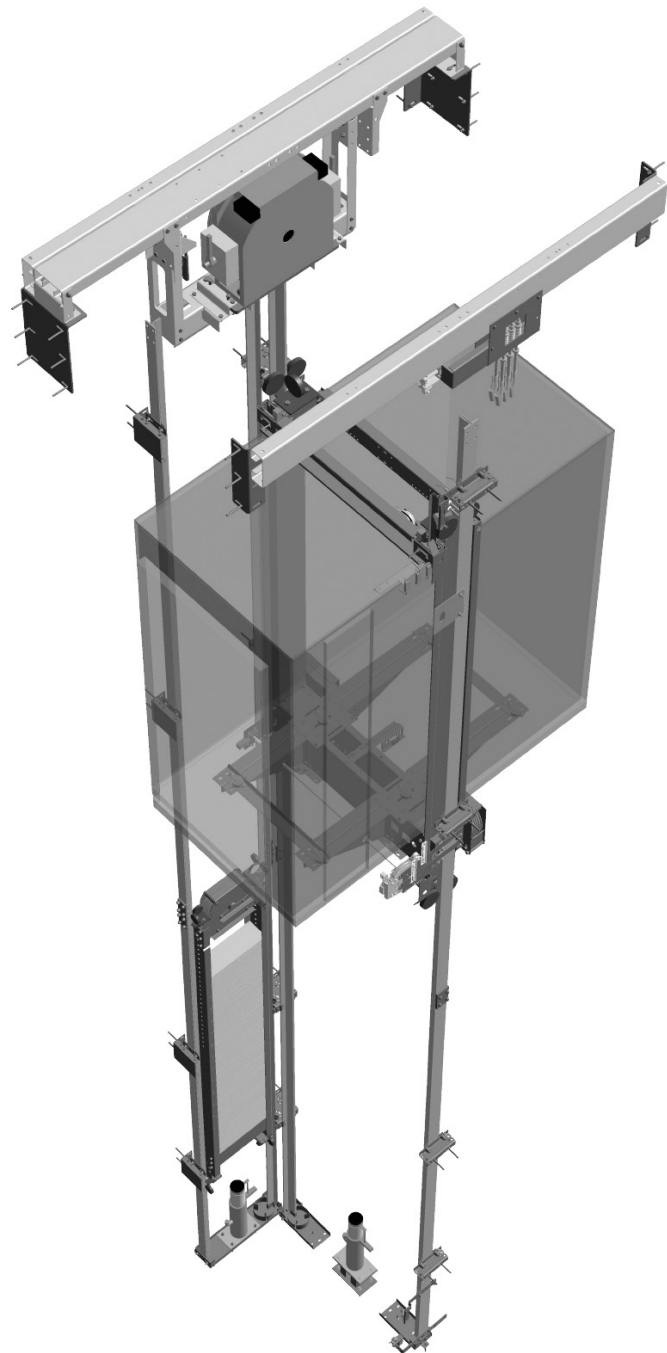
Enviro Trend 2

***Ideal for offices, hospitals
and public buildings (1.6 m/s)***

- MRL lift.
- Ranging a rated load capacity from 630 to 1000 kg at a rated speed of 1.6 m/s.
- Our gearless motor is light, compact, energy-efficient and eco-friendly.
- Easy to install and maintain. Special installation tools available on request.
- Equipped with Direct Approach System as standard.
- EN81-20 compliant.

Enviro Trend 2

Building type	  
Load	630-1000 kg
Speed	1.6 m/s
Min. Pit	1300 mm
Min. Headroom	3800 mm
Roping	2 : 1
Openings	0° - 180°
Sling type	Conventional pulleys below
Machine	MINI 3-10-800 MINI 4-10-1000
Guide Rails	630 kg Car T82/B Counterweight T50/A 750 – Car T90/B 1000 kg Counterweight T70/A
Car Frame	(P+Q) Max 2350 kg
Ropes	Diameter= 8 mm // 8x19-S+(5x7+1)





Rated Load (kg)	Nº of people	Speed (m/s)	Entrances Nº/Angle	Car Size		Shaft Size		Pit	Headroom	Doors**	Machine Power/Current	
				Width	Depth	Width	Depth*					
630	8	1,6	1/0º	1100	1400	1650	1700	1300	3800	2PSO 900	MINI 3-16-800 8,7kW / In= 21,5A	
			2/180º			1650	1850			2PCO 900		
			1/0º			1950	1700					
			2/180º			1950	1850					
750	10		1/0º	1100	1600	1650	1875			2PSO 900		
			2/180º			1650	2000			2PCO 900		
			1/0º			1950	1850					
			2/180º			1950	1975					
			1/0º	1300	1400	1850	1675			2PSO 900		
			2/180º			1900	1800					
			1/0º			1950	1675			2PCO 900		
			2/180º			1950	1775					
1000	13		1/0º	1100	2100	1650	2375			2PSO 900	MINI 4-10-1000 10,9kW / In= 26A	
			2/180º			1650	2500			2PCO 900		
			1/0º			1950	2375					
			2/180º			1950	2475					
			1/0º	1600	1400	2150	1675			2PSO 1100		
			2/180º			2150	1800					
			1/0º			2150	1700					
			2/180º			2175	1775			2PCO 900		

*Shaft depth dimensions consider landing doors 25mm inside the shaft

**Calculations made for SELCOM WITTUR HYDRA EVO doors.

Operational ranges

Shaft

Pit: Standard minimum: 1300 mm
 Headroom: Standard minimum (2200 mm high car): 3800 mm
 Reduced min. (2050 mm high car): 3650 mm
 Minimum width: Car width + 550 mm

Car

Minimum width: 1000 mm
 Maximum width: 1650 mm
 Minimum depth: 1400 mm
 Maximum depth: 2100 mm
 Standard Height: 2200 mm



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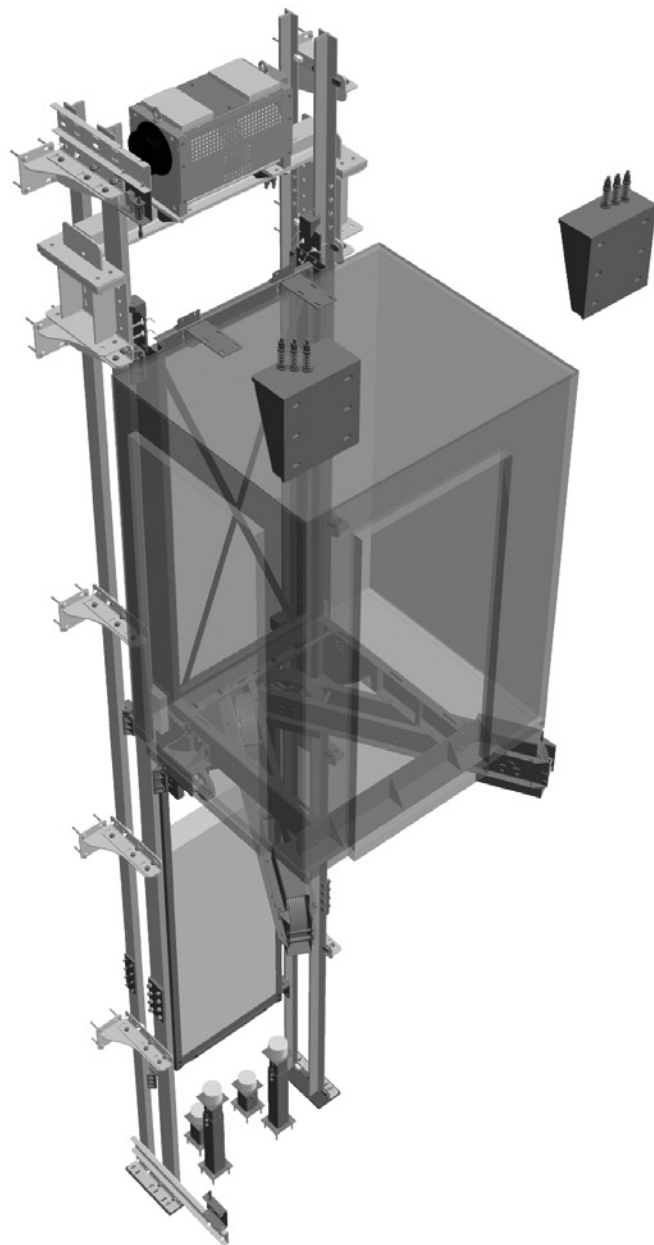
Enviro Trend 3

Ideal for retailer and special adjacent entrance needs

- MRL lift.
- Ranging a rated load capacity from 750 to 1275 kg at rated speed of 1 m/s. 1.4 m/s available upon request.
- Our gearless motor is light, compact, energy-efficient and eco-friendly.
- Entrance configuration can be single, **double at 90°** or 180° or triple.
- Easy to install and maintain. Special installation tools available on request.
- Equipped with Direct Approach System as standard.
- EN81-20 compliant.
- Alternative machines are available for this lift model.

Enviro Trend 3

Building type	
Load	750-1275 kg
Speed	1 - 1.4 m/s
Min. Pit	1200 mm
Min. Headroom	3450 mm (U/S lifting beam)
Roping	2 : 1
Openings	0° - 90° - 180°
Sling type	Cantilevered pulleys below
Machine	Diana 10 1250 2S
Guide Rails	Car T125/A Counterweight T90/A
Car Frame	(P+Q) Max 2650 kg
Ropes	Diameter= 8 mm // 8x19-S+(5x7+1)





Side-mounted system											
Rated Load (kg)	Nº of people	Speed (m/s)	Entrances Nº/Angle	Car Size		Shaft Size		Pit	Headroom	Doors**	Machine*** Power/ Current
				Width	Depth	Width	Depth*				
750	10	1	1/0º	1100	1600	1750	1900	1200	3450 U/S lifting beam	2PSO 900 or 3PCO 900	Diana I-10-1250-2 8,5kW /In= 17,2A
			2/180º			1750	2040				
			2/90º			1850	1900				
1000	13		1/0º	1100	2100	1750	2400			2PSO 900 or 4PCO 900	
			2/180º			1750	2540				
			2/90º			1850	2400				
1275	17		1/0º	1200	2300	1850	2600			2PSO 1100 2PSO 1000 2PCO 1100 4PCO 1100	
			2/180º			1850	2700				
			2/90º			1950	2600				
			1/0º			2350	2600				
			2/180º			2350	2700				
			2/90º			2000	2600				

*Shaft depth dimensions consider landing doors 25mm inside the shaft.

**Calculations made for SELCOM WITTUR HYDRA doors.

Counterweight in safety gear available. Please consult on shaft dimensions.

***Alternative machines are available for this lift model.

Door sill widths: Hydra 2PSO, 90 mm; Hydra 2PCO, 75mm.

Unless stated otherwise, all dimensions are expressed in millimetres.

Operational ranges

Shaft

Pit:	Standard minimum: 1200 mm Reduced minimum: 1050 mm (EN81-21)
Headroom:	Standard minimum (2200 mm high car): 3450 mm Reduced minimum (2050 mm high car): 3300 mm
Minimum width:	Car width + 650 mm

Car

Minimum width:	1000 mm
Maximum width:	1600 mm
Minimum depth:	1400 mm
Maximum depth:	2500 mm
Standard Height:	2200 mm



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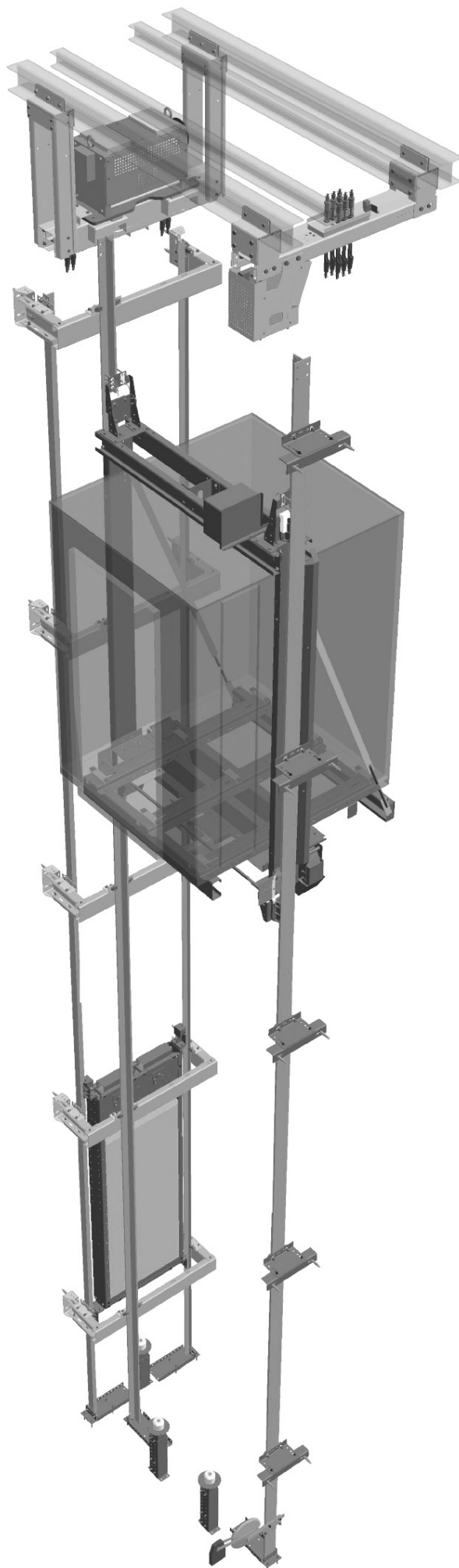
Enviro Trend 4

Ideal for commercial buildings

- MRL lift.
- Ranging a rated load capacity 1275 kg at rated speeds of 1 or 1.6 m/s.
- Our gearless motor is light, compact, energy-efficient and eco-friendly.
- Easy to install and maintain. Special installation tools available on request.
- Equipped with Direct Approach System as standard.
- EN81-20 compliant.
- Alternative machines are available for this lift model.

Enviro Trend 4

Building type	  
Load	1275 kg
Speed	1 & 1.6 m/s
Min. Pit	1300 / 1400 mm
Min. Headroom	3600 / 3850 mm
Roping	2:1
Openings	0° & 180°
Sling type	Conventional pulleys below
Machine	Diana 10 1250 2S Diana 16 1250 2S
Guide Rails	Car T125/B Counterweight T90/B
Car Frame	(P+Q) Max 2650 kg
Ropes	Diameter= 8 mm // 8x19-S+(5x7+1)





Rated Load (kg)	Nº of people	Speed (m/s)	Entrances Nº/Angle	Car Size		Shaft Size		Pit	Headroom	Doors**	Machine *** Power /Current
				Width	Depth	Width	Depth*				
1275	17	1	1/0º	2000	1400	2800	1700	1300	3600	2PSO 1100	Diana I-10-1250-2 8,5kW / In= 17,2A
			2/180º			2800	1800			2PCO 1100	
			1/0º			2800	1675				
			2/180º			2800	1775				
		1,6	1/0º	1200	2300	2000	2600	1400	3850	2PSO 1100	Diana I-16-1250-2 13,6kW / In= 26,8A
			2/180º			2000	2700			2PCO 1100	
			1/0º			2350	2600				
			2/180º			2350	2650				
			1/0º	2000	1400	2800	1700			2PSO 1100	
			1/180º			2800	1800			2PCO 1100	
			1/0º			2800	1675				
			2/180º			2800	1775				

*Shaft depth dimensions consider landing doors 25mm inside the shaft.

**Calculations made for SELCOM WITTUR HYDRA doors.

***Alternative machines are available for this lift model.

Door sill widths: Hydra 2PSO, 90 mm; Hydra 2PCO, 75mm.

Unless stated otherwise, all dimensions are expressed in millimetres.

Operational ranges

Shaft

Pit:	Standard minimum 1m/s: 1300mm Standard minimum 1,6m/s: 1400mm
Headroom:	Standard minimum 1m/s (2200mm high car): 3600mm Reduced minimum 1m/s (2050mm high car): 3450mm Standard minimum 1,6m/s (2200mm high car): 3850mm Reduced minimum 1,6m/s (2050mm high car): 3700mm
Minimum width:	Car width + 800 mm

Car

Minimum width:	1100 mm
Maximum width:	2000 mm
Minimum depth:	1400 mm
Maximum depth:	2600 mm
Standard Height:	2200 mm



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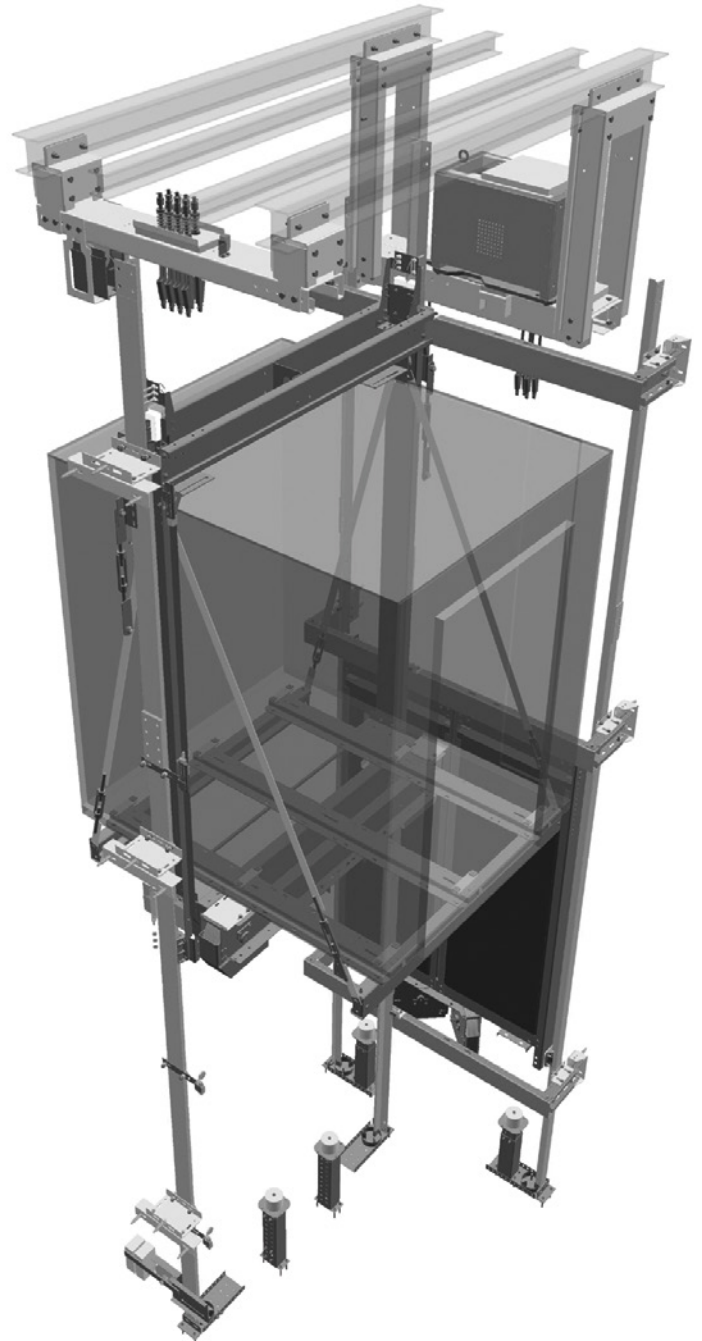
Enviro XL 1

Ideal for heavy duty goods environment

- MRL lift.
- Ranging a rated load capacity from 1350 to 2000 kg at rated speeds of 1 or 1.6 m/s.
- Robust, hard-wearing and highly reliable for the handling of heavy loads.
- Our gearless motor is light, compact, energy-efficient and eco-friendly.
- Easy to install and maintain. Special installation tools available on request.
- Equipped with Direct Approach System as standard.
- EN81-20 compliant.
- Alternative machines are available for this lift model.

Enviro XL 1

Building type	 
Load	1350-2000 kg
Speed	1 - 1.6 m/s
Min. Pit	1300/1400 mm
Min. Headroom	3600/3850 mm
Roping	2 : 1
Openings	0° - 180°
Machine	Diana II 10 2000 2S Diana II 10 1600 2S
Guide Rails	Car T125/B Counterweight T70-1
Car Frame	(P+Q) Max 4500 kg
Ropes	Diameter= 10 mm 8x19-S+(5x7+1)





Rated Load (kg)	Nº of people	Speed (m/s)	Entrances Nº/Angle	Car Size		Shaft Size		Pit	Headroom	Doors**	Machine *** Power / Current	
				Width	Depth	Width	Depth*					
1350	18	1 or 1.6	1/0º	1200	2450	2100	2750	1300 (1 m/s)	3600 (1 m/s)	2PSO 1100	DIANA2-10-1600-2 10,9Kw / In= 24A	
			2/180º			2100	2850			2PCO 1100		
			1/0º			2450	2750					
			2/180º			2450	2850					
1500	20		1/0º	1300	2450	2200	2750			2PSO 1100		DIANA2-16-1600-2 17,4Kw / In= 37A
			2/180º			2200	2850			2PCO 1100		
			1/0º			2450	2750					
			2/180º			2450	2850					
1600	21		1/0º	1400	2400	2300	2700	1400 (1.6 m/s)	3850 (1.6 m/s)	2PSO 1100		
			2/180º			2300	2800			2PCO 1100		
			1/0º			2450	2700					
			2/180º			2450	2800					
2000	26		1/0º	1500	2700	2400	3000			2PSO 1300	DIANA2-10-2000-2 13,6Kw / In= 29A	
			2/180º			2400	3100			2PCO 1100		
			1/0º			2450	3000					
			2/180º			2450	3100					

*Shaft depth dimensions consider landing doors 25mm inside the shaft.

**Calculations made for SELCOM WITTUR HYDRA doors.

***Alternative machines are available for this lift model.

Door sill widths: Hydra 2PSO, 90 mm; Hydra 2PCO, 75mm.

Unless stated otherwise, all dimensions are expressed in millimetres.

Operational ranges

Shaft

Pit:

Standard minimum 1m/s: 1300mm

Standard minimum 1,6m/s: 1400mm

Headroom:

Standard minimum 1m/s (2200mm high car): 3600mm

Reduced minimum 1m/s (2050mm high car): 3450mm

Standard minimum 1,6m/s (2200mm high car): 3850mm

Reduced minimum 1,6m/s (2050mm high car): 3700mm

Car

Minimum width:

1200 mm

Maximum width:

2500 mm

Minimum depth:

1400 mm

Maximum depth:

2700 mm

Standard Height:

2200 mm



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Enviro XL 2

Ideal for heavy duty goods environment

- MRL lift.
- Ranging a rated load capacity from 2100 to 3000 kg at rated speeds of 1 or 1.6 m/s.
- Robust, hard-wearing and highly reliable for the handling of heavy loads.
- Our gearless motor is light, compact, energy-efficient and eco-friendly.
- Easy to install and maintain. Special installation tools available on request.
- Equipped with Direct Approach System as standard.
- EN81-20 compliant.
- Alternative machines are available for this lift model.

Enviro XL 2

Building type



Load 2100-3000 kg

Speed 1 - 1.6 m/s

Min. Pit 1300/1400 mm

Min. Headroom 3600/3900 mm

Roping 2 : 1

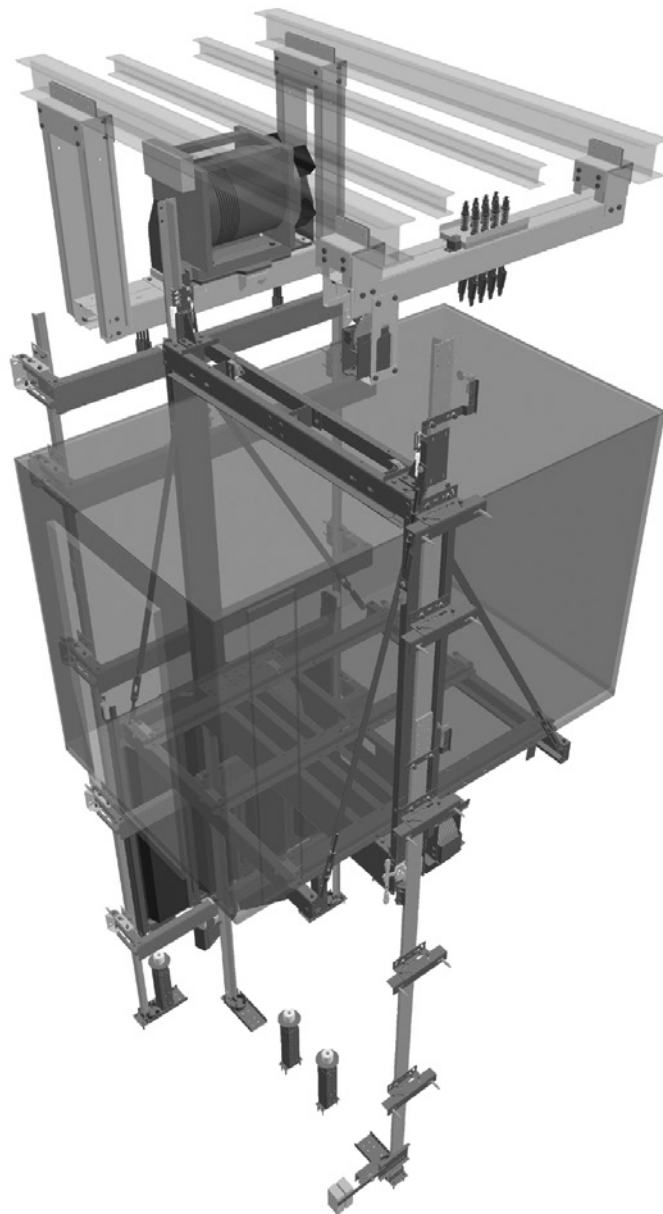
Openings 0° - 180°

Machine Swiss Traction Z 526 S
Swiss Traction Z 529 S
Swiss Traction Z 527 S

Guide Rails Car T125/B
Counterweight T70/A

Car Frame (P+Q) Max 6000 kg

Ropes Diameter= 12 mm
8x19-S+(5x7+1)





Rated Load (kg)	Nº of people	Speed (m/s)	Entrances Nº/Angle	Car Size		Shaft Size		Pit	Headroom	Doors**	Machine*** Power / Current		
				Width	Depth	Width	Depth*						
2100	28	1 or 1.6	1/0º	1600	2600	2550	2900	1400 (1 m/s) 1500 (1.6 m/s)	3700 (1 m/s) 3900 (1.6 m/s)	2PSO 1400	Z 526 S 17,7 kw In= 36 A IA= 52A		
			2/180º			2550	3000			2PCO 1400			
			1/0º			3000	2900			2PSO 1400			
			2/180º			3000	3000						
2300	30		1/0º	1600	2800	2550	3100			2PSO 1400			
			2/180º			2550	3200			2PCO 1400			
			1/0º			3000	3100			2PSO 1400			
			2/180º			3000	3200						
2500	33		1/0º	1600	3000	2550	3300			2PSO 1400	Z 527 S 19,9 kw In= 40,8A IA= 61,2A		
			2/180º			2550	3400			2PCO 1400			
			1/0º			3000	3300			2PSO 1500			
			2/180º			3000	3400						
2900	38		1/0º	1750	3000	2700	3300			2PSO 1500		Z 529 S 24,5 kw In= 48 A IA= 68A	
			2/180º			2700	3400			2PCO 1400			
			1/0º			3000	3300			2PSO 1500			
			2/180º			3000	3400						
3000	40		1/0º	1800	3025	2750	3325			2PSO 1500			
			2/180º			2750	3425			2PCO 1400			
			1/0º			3000	3325						
			2/180º			3000	3425						

*Shaft depth dimensions consider landing doors 25mm inside the shaft.

**Calculations made for SELCOM WITTUR HYDRA doors.

***Alternative machines are available for this lift model.

Door sill widths: Hydra 2PSO, 90 mm; Hydra 2PCO, 75mm.

Unless stated otherwise, all dimensions are expressed in millimetres.

Operational ranges

Shaft

Pit:	Standard minimum 1m/s: 1400 mm Standard minimum 1,6m/s: 1500 mm
Headroom:	Standard minimum 1m/s: (2200 mm high car): 3700 mm Reduced minimum 1m/s: (2050 mm high car): 3550 mm Standard minimum 1,6m/s: (2200 mm high car): 3900 mm Reduced minimum 1,6m/s: (2050 mm high car): 3750 mm
Minimum width:	Car width + 950mm

Car

Minimum width:	1500 mm
Maximum width:	2900 mm
Minimum depth:	2000 mm
Maximum depth:	3350 mm
Standard Height:	2200 mm



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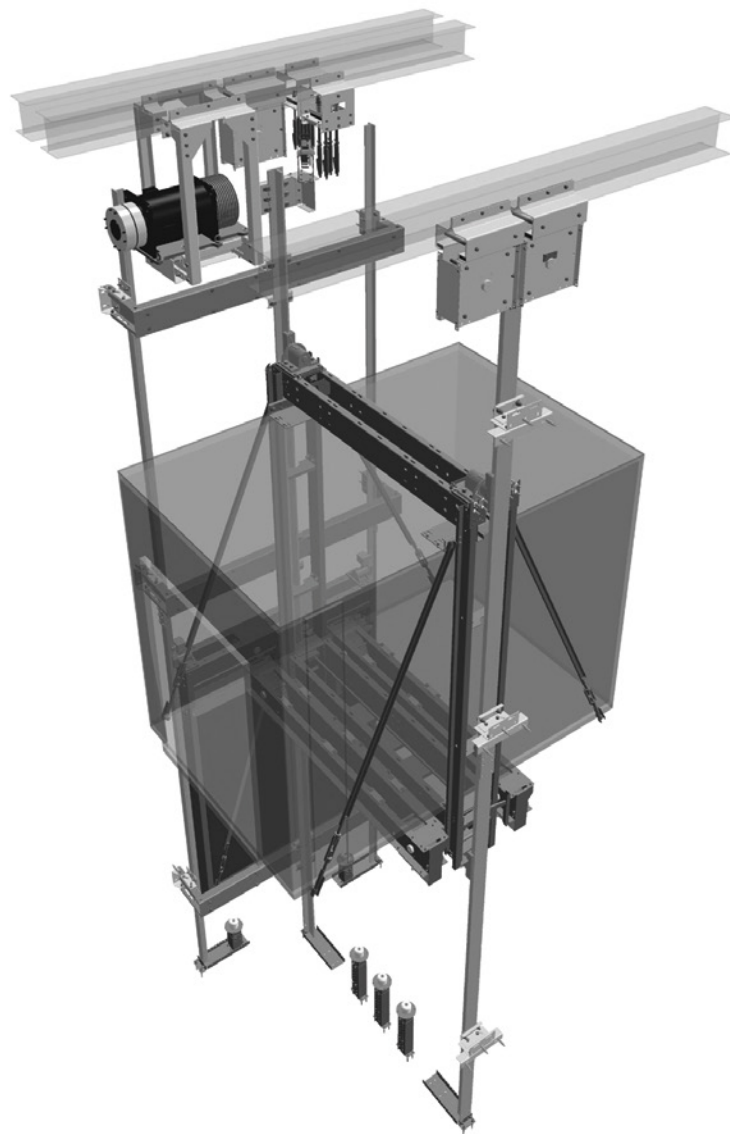
Enviro XL 3

Ideal for heavy duty goods environment

- MRL lift.
- Ranging a rated load capacity from 3100 to 4000 kg at rated speeds of 1 or 1.6 m/s.
- Robust, hard-wearing and highly reliable for the handling of heavy loads.
- Our gearless motor is light, compact, energy-efficient and eco-friendly.
- Easy to install and maintain. Special installation tools available on request.
- Equipped with Direct Approach System as standard.
- EN81-20 compliant.
- Alternative machines are available for this lift model.

Enviro XL 3

Building type	 
Load	3100-4000 kg
Speed	1 m/s
Min. Pit	1300 mm
Min. Headroom	4200 mm
Roping	4 : 1
Openings	0° - 180°
Machine	Ziehl-Abegg
Guide Rails	Car T140/B Counterweight T90-1
Car Frame	(P+Q) Max 7500 kg
Ropes	Diameter= 10 mm 8x19-S+(5x7+1)





Rated Load (kg)	Nº of people	Speed (m/s)	Entrances Nº/Angle	Car Size		Shaft Size		Pit	Headroom	Doors**	Machine*** Power / Current
				Width	Depth	With	Depth*				
3100	42	1	1/0º	2000	2850	3250	3150	1300	4200	4PCO 1700	XAF 6S 16,7kw In= 40 A
			2/180º		2800	3250	3200				
			1/0º	2200	2550	3450	2850			4PCO 1900	
			2/180º		2500	3450	2900				
3500	46		1/0º	2200	2950	3450	3250			4PCO 1900	
			2/180º		2900	3450	3300				
			1/0º	2400	2700	3650	3000			4PCO 2000	
			2/180º		2650	3650	3050				
4000	53		1/0º	2200	3300	3450	3600			4PCO 1900	
			2/180º		3250	3450	3650				
			1/0º	2500	2900	3750	3200			4PCO 2100	
			2/180º		2850	3750	3250				

*Shaft depth dimensions consider landing doors 25mm inside the shaft.

**Calculations made for SELCOM WITTUR HYDRA doors.

***Alternative machines are available for this lift model.

Door sill widths: Hydra 2PSO, 90 mm; Hydra 2PCO, 75mm.

Unless stated otherwise, all dimensions are expressed in millimetres.

Operational ranges

Shaft

Pit:	Standard minimum 1 m/s: 1300 mm
Headroom:	Standard minimum 1 m/s (2200 mm high car): 4200 mm Reduced minimum 1 m/s (2050 mm high car): 4050 mm
Minimum width:	Car width + 1250 mm

Car

Minimum width:	1600 mm
Maximum width:	3000 mm
Minimum depth:	2600 mm
Maximum depth:	4000 mm
Standard Height:	2200 mm



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www.gle-lifts.com

GLE CONTROL SYSTEM: Altamira II



GLE.Enviro.MRL

The **Altamira II** control system has been completely designed in house and can be installed on any type of elevator, both traction or hydraulic.

Under a CAN BUS communication system, it can control groups of up to 8 lifts, 64 stops and speeds of 5 m/s.

Altamira II minimises the sensors and components required, making it possible to utilise space to the maximum. It provides optimum travel comfort for the lift and reduces electrical consumption.

Easy and quick installation

Altamira II is supplied pre-assembled, pre-connected and pre-tested which simplifies installation and minimises any margin of error.

Perfectly paired drive and motor matches the operation of Altamira II with the mechanics of every lift.

Installation times are reduced thanks to the almost complete elimination of traditional sensors and magnets.

Altamira II integrates software that allows a single person to perform a levelling operation in minutes and from inside the lift car.

The control cabinet can be installed flexibly anywhere in the building up to a maximum distance of 20 metres from the drive motor*.

Easy maintenance

A simple smart-phone or a laptop allows, without the need for cables or additional tools, rapid, easy and user-friendly access to the control system to perform lift maintenance tasks. Our app provides access to documentation, manuals and communication with our customer support department.

*There are versions where the control cabinet can be located more than 20 m from the drive motor. In each case, please check with us.



In the event of an unexpected anomaly, Altamira II will automatically proceed to correct it in a self-learning process by recording the event for later analysis by the maintenance department without interrupting the lift service. Our technical support department can provide remote support and real-time monitoring of lifts via telephone or internet.

Remote monitoring

The remote monitoring system allows lifts installed in one or more buildings to be run from a control room or even from our factory. This system is based on CAN Bus technology that allows monitoring of lifts, detection and reading of faults in real time, control of groups of lifts, analysis of equipment performance and many other functions.

Open Protocol

All our wiring looms, trailing cables and shaft connections are pre-wired, numbered and labelled to save time and money during the installation process. To be maintained by any competent lift company.

The whole control is open protocol and can be easily accessed from a laptop or via WIFI through a smart phone.

Direct Approach System

The Direct Approach System –included for the first time as standard across GLE’s entire MRL traction range– allows the control system to calculate the optimum lift travel speed curve according to the distance remaining to the selected destination. This eliminates the delays typical of previous systems as the lift car approaches landings, and represents a major step forward in passenger comfort and technical specification.

The Direct Approach System and location more straightforward for the lift professional

- The control system can pinpoint the exact position of the lift car in real time, using a single encoder fitted to the drive unit. Maximum simplicity delivering optimum performance.
- This straightforward solution eliminates the need for the secondary devices usually deployed to control lift car position, saving on installation and start-up times.
- The number of sensors and signal processors in the lift shaft is therefore lower than in conventional lift systems, further reducing installation time - and costs.
- The likelihood of failures caused by magnetic sensor deterioration and by positioning changes producing false readings is also significantly reduced.
- The start-up procedure is faster than for conventional lift systems without the Direct Approach System.
- The final car-levelling adjustment procedures are simply carried out using the car display panel.
- Shorter-than-usual travel distances between floors do not interfere with travel quality and efficiency.

Operational and service features



GLE.Enviro.MRL

- ✓ **Direct approach**
The lift approaches the floor with no intermediate speeds, stopping gently at floor level. The position of the car is calculated at all times without the need for magnets.
- ✓ **Limited call registration**
Vandal proof function, which resets operation after a number of call requests have been registered in the COP.
- ⊙ **Anti-creep device**
When a lift normally transports heavy objects, the use of anti-creep devices prevents movement of the car during the loading or unloading.
- ⊙ **Homing**
The car returns to a designated floor, if it's below it or when there are no more new or pending calls. You can set any floor as the return floor.
- ⊙ **EN81-73 Fire control**
In the event of a fire, a control is activated that sends the lift to the fire emergency floor. If the lift is going away from the fire emergency floor, it will stop at the first possible stop and without opening the doors, it will return to the fire emergency floor. If the lift is going in the direction of the fire emergency floor, it will not stop until it arrives at that floor.
- ⊙ **EN81-72 Fire fighting control**
Priority recall for the fire fighting lift and fire service communication system. Also available for Australia.
- ⊙ **Non-stop at floors with fire**
Prevents the lift from stopping at a floor where fire has been detected. If this signal is activated when the lift has stopped at this floor, the car stays with the doors closed and then travels to a different floor.
- ⊙ **Evacuation control BS 9999**
Includes autodiallers at each landing.
- ⊙ **Out of service**
Allows the lift to be left out of service, either at a particular stop or the main floor.
- ⊙ **Technician control**
Control via key switch on landing.
- ⊙ **Car preference**
When activated, the lift will only answer calls registered from the car operating panel, ignoring landing calls.
- ⊙ **Full load signal**
The lift does not answer any landing calls if it is 80% loaded.
- ⊙ **Car light timer**
Allows you to set the time limit after which the car light switches off.
- ⊙ **Car fan timer**
Allows you to set the time limit after which the car fan switches off.
- ⊙ **Water in pit detector**
Allows detection of water inside the pit, forcing the lift to stop at higher floors.
- ⊙ **ECOSAVER®**
Regenerative system that returns power to the grid when running in generator mode.
- ⊙ **Operation in case of earthquakes**
Operation according to EN81-77.
- ⊙ **Anti-surfing**
Prevents the lift being used for vandal purposes, by impeding movement of the lift when not in inspection mode, if the landing doors have been opened manually.
- ⊙ **Remote monitoring**
Information is sent from the lift to a centralised system by MODBUS protocol or similar systems.
- ⊙ **Stand-by**
Allows the lift to reduce power consumption when not in use by turning off car lights, fan, indicators, push buttons and drive unit.

✓ Standard feature

⊙ Optional feature



Group control features

- ◉ **Multiplex control**
A group of up to 8 lifts can be controlled, even if they serve a different number of floors.
- ◉ **Limited number of stops before out of service**
Parameter to configure the number of faults detected in the doors before putting a lift out of service. When this happens, other lifts of the system will answer the landing calls.
- ◉ **Peak traffic control system**
Identifies a time period in which high passenger traffic from a certain floor has been registered, in order to reduce waiting times.

Door operation features

- ✓ **Safety edge**
Safety edge according to EN81-20, with auto-diagnosis, in which the door sensors are automatically checked.
- ◉ **Door close push button**
Allows the time between stops to be shortened by means of a button in the car that can be used if COP travel requests have been registered.
- ◉ **Door hold**
Key in the car operating panel that keeps the doors open, as if it were a photocell.
- ◉ **Nudge**
The doors close slowly in the event of a prolonged interruption of the safety edge, notifying the passengers inside the car visibly and/or acoustically.
- ◉ **Selective door opening**
For lifts with more than one service per floor.

Signage features

- ✓ **Overload function**
An audible and visual signal is given by the car indicator, to inform users that the car is overloaded.
- ◉ **EN81-70 departure gong**
It activates a sound with an ascending scale when the lift is moving up and uses a descending scale when the lift is travelling down.
- ◉ **Voice synthesiser**
Emits informative messages concerning the operation of the lift. Bespoke messages can be programmed.

Emergency operation features

- ✓ **Manual rescue**
There are two types of manual rescue, one by braking and displacement of the car according to the load balance and the other one, by means of high power UPS and direction pushbuttons, which raise or lower the lift.
- ✓ **Emergency COP light**
In the event of a power cut, an emergency light is switched on in the car operating panel which provides illumination in compliance with EN81-20.
- ◉ **ARD**
Automatic rescue device by UPS. Lift travels to the closest floor and doors open.
- ◉ **Car ceiling emergency light**
In the event of a power failure, an emergency light is switched on in the car ceiling which provides lighting in compliance with EN81-20 for 4 hours.

✓ Standard feature

◉ Optional feature



GOODS ONLY
NO PASSENGERS
SWL 1500 KG

ITALIA
AUG 2010

ITALIA
AUG 2010

ITALIA
AUG 2010

12x200g

CRIGINAL

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GLE.Rhino.LIFT

Rhino Lift

Rhino Lift Pro





GLE.Rhino.LIFT

- ✓ Goods-only lift.
- ✓ Chain drive.
- ✓ Self supporting structure.
- ✓ Modular design.
- ✓ Rated loads from 500 to 2000kg.
- ✓ Speed 0.15m/s.
- ✓ Single or through openings.
- ✓ 100mm pit.
- ✓ Energy efficient VVVF controlled.
- ✓ 800X600X260mm control cabinet to be installed above or below.
- ✓ Maximum travel of 9m.
- ✓ No extra civil works required.
- ✓ Fast installation with installation kits available.
- ✓ No machine room.
- ✓ Different car options.
- ✓ Bump rails.
- ✓ Heavy duty flooring.
- ✓ Fluorescent or LED lighting.
- ✓ Manual swing landing doors or shutter gates.
- ✓ Car doors available.
- ✓ Lift Directive 2006/42/EC.



GLE.RhinoPro.LIFT

- ✓ Goods-lift with attendant
- ✓ Standard Rhino lift with additional features for attendant control
- ✓ Key switch to turn to "attendant control".
- ✓ Full height safety edge. Vandal resistant Cat 2.

Technical features Rhino



GLE.Rhino.LIFT

Drive unit type	Geared traction machine, VVVF speed regulator, chain drive
Rated Speed	0.15m/s
Rated Load	500, 1000, 1500 or 2000kg
Entrance configuration	Single or open through at 180°
Power supply	3-phase 380-400-415 Vac
Installation	Freestanding modular structure finished in primed steel RAL 9005 Black. Anchoring the structure to each floor is recommended.
Height of structure	Max. 12m
Travel	Max. 9m
Number of levels	Max. 4 levels
Guide length	5m
Min. headroom	Lift car internal height + 700mm
Min. structure headroom	Lift car internal height + 600mm
Pit	100mm
Lift car internal height	1800, 1900, 2000 (standard), 2100, 2200mm
Lift car width	From 1000mm to 2000mm in 100mm increments
Lift car depth	From 1000mm to 2000mm in 100mm increments
Min. lift shaft width	Lift car width + 470mm
Min. lift shaft depth	Lift car depth + 180mm
Min. distance between floors	Car height + 350mm for entrances on the same side. 350mm for opposite side (180°) entrances
Lift car	<ul style="list-style-type: none"> • Built in steel plate, finished in RAL 7032 Beige. • Floor finish in steel plate, coated in RAL 7032 Beige • Direct fluorescent lighting • Other finishes available upon request.
Landing doors	Manual swing with vision panel finished in epoxy painted steel, RAL 9005 Black. UNE EN 81-58:2004 E120
Lift car door	No car door is included as standard but is recommended
Traction	Gearbox with 1 brake
Control system	APB call and send lift control system from landings
Landing operating panel	<ul style="list-style-type: none"> • Push buttons with led • Emergency stop push button
Shaft lighting	Direct fluorescent lighting

Technical features Rhino Pro



GLE.RhinoPro.LIFT

Min. headroom

- Lift car internal height + 700mm for 500 and 1000kg loads
- Lift car internal height + 750mm for 1500 and 2000kg loads

Lift Car

- Galvanised car ceiling
- Handrail
- COP including floor push buttons, attendant key switch, alarm button, stop switch. EN81-70 features.
- Performance Level C light curtain system, Vandal Resistant Cat 2.

Traction

Gearbox with 2 brakes

Control System

APB call and send on landings and constant pressure lift control in car

UCM

Unintended car movement system is included as standard

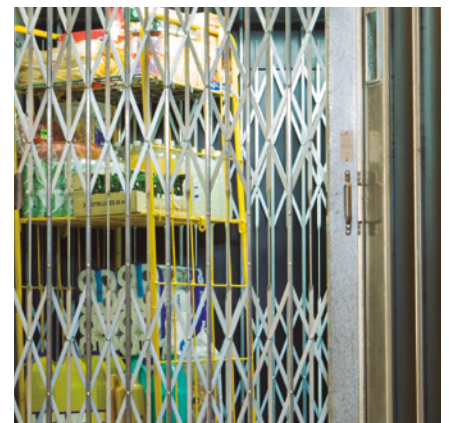
Doors



Manual swing landing door (standard)



Galvanised manual shutter landing gate



Galvanised car picket gate

Extras Rhino and Rhino Pro



GLE.Rhino.LIFT

Access Ramp

If no pit is available, we can supply primed steel RAL7032 or aluminium chequer plate finished ramps.

Guide rails

2.5m

Landing doors

- Manual folding shutter gates with galvanised finish and 2 hour fire resistance.
- Manual single or double swing door, with small vision panel, finished in AISI314 st. steel, E120.
- Manual single or double swing door, with small vision panel, finished in AISI316 st. steel, E120.

Car doors

Manual picket gates, with or without electrical interlock.

Car roof

Galvanised metal sheet.

Car lighting

LED tube lighting.

Car floor

- Black rubber circles Ref. FL01
- Aluminium chequer plate Ref. FL05
- Steel chequer plate Ref. FL14

Bump rails

Wood, stainless steel or PVC.

Push buttons

DMG or Dewhurst, standard pushes or key switches.

Machine lifting kits

- Kit A: If space above steel structure is > 500mm
- Kit B: If space above steel structure is < 500mm and car depth is ≤ 1.550 mm
- Kit C: If space above steel structure is < 500mm and car depth is ≥ 1.550 mm

Other Extras

- Unintended car movement system (always included for Rhino Pro)
- Out-of-service key switch
- Ladder with supports to access the rescue hatch and locks
- Structure Installation platforms

Extras Rhino Pro



GLE.Rhino.LIFT

Autodialler

- In car operating panel
- Inductive loop
- Telephone module located underneath car
- GSM

Firemen operation function

When it's switched on and all doors are closed, the lift will go to the evacuation floor

Building Management System with alarm push button and position

Voltage free contacts

Alarm push button

- Pit
- On the car top

Car indicator

- LCD 3"
- LCD 5"
- TFT 7"

COP engraving

- Logo
- Lift reference plate/CE mark
- Autodialler instructions

Car operating panel

- BCA1: 150mm (w) x 585mm (h) x 2mm (d)
- BCA 2: 175mm (w) x 585mm (h) x 780mm (d)

Landing operating panel

- Logo engraving
- 3" LCD vertical display
- Keypad
- LOP buzzer

Other extras

- Car light timer
- Intercom between car operating panel and control panel
- 3hr emergency car light
- Voice synthesiser



BCA1

BCA2



LIFT CAR				Door Height	Structure Width	Shaft Width
Width	Clear opening					
	No Car Door		Manual folding picket gate			
	Shutter Gate	Swing Door				
1000	805	900	805	Car Height	1404	1470
1100	905	1000	890		1504	1570
1200	1005	1100	970		1604	1670
1300	1105	1200	1070		1704	1770
1400	1205	1300	1155		1804	1870
1500	1275	1400	1235		1904	1970
1600	1375	1500	1335		2004	2070
1700	1475	1600	1420		2104	2170
1800	1575	1700	1500		2204	2270
1900	1650	1800	1600		2304	2370
2000	1750	1900	1685		2404	2470

LIFT CAR					Structure Depth	Shaft Depth
Depth	Clear Car Depth					
	Single Entrance		Through Car			
	Picket Gate	No Car Door	Picket Gate	No Car Door		
1000	850	950	800	1000	1120	1180
1100	950	1050	900	1100	1220	1280
1200	1050	1150	1000	1200	1320	1380
1300	1150	1250	1100	1300	1420	1480
1400	1250	1350	1200	1400	1520	1580
1500	1350	1450	1300	1500	1620	1680
1600	1450	1550	1400	1600	1720	1780
1700	1550	1650	1500	1700	1820	1880
1800	1650	1750	1600	1800	1920	1980
1900	1750	1850	1700	1900	2020	2080
2000	1850	1950	1800	2000	2120	2180

NB:

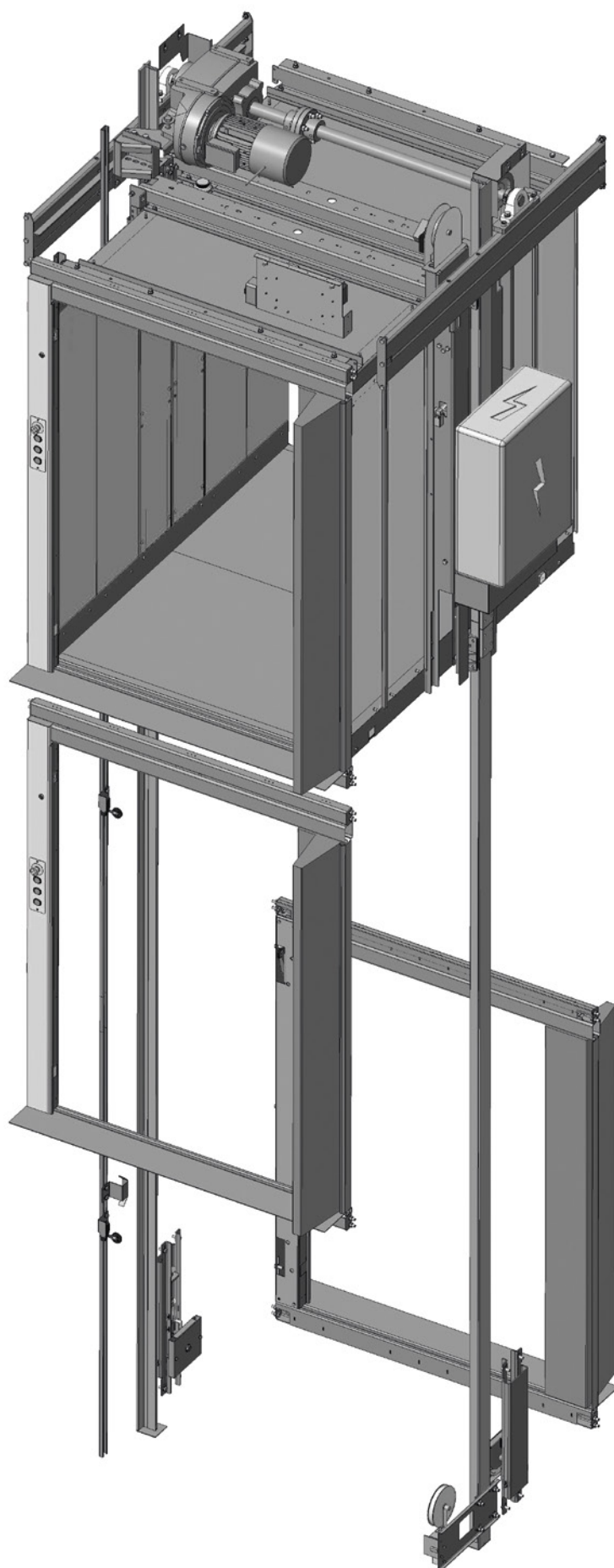
Within each load-bearing category, the cited widths and depths can be combined with one another, as required.

For sites that have the structure installed within an enclosed shaft, please allow for a 600mm clearance above the entrance at the top floor, to allow access to a maintenance trap door. On all other floors the structural opening is car height + 180mm.

Unless stated otherwise, all dimensions are expressed in millimetres.



Click here for more information about this product
www.gle-lifts.com



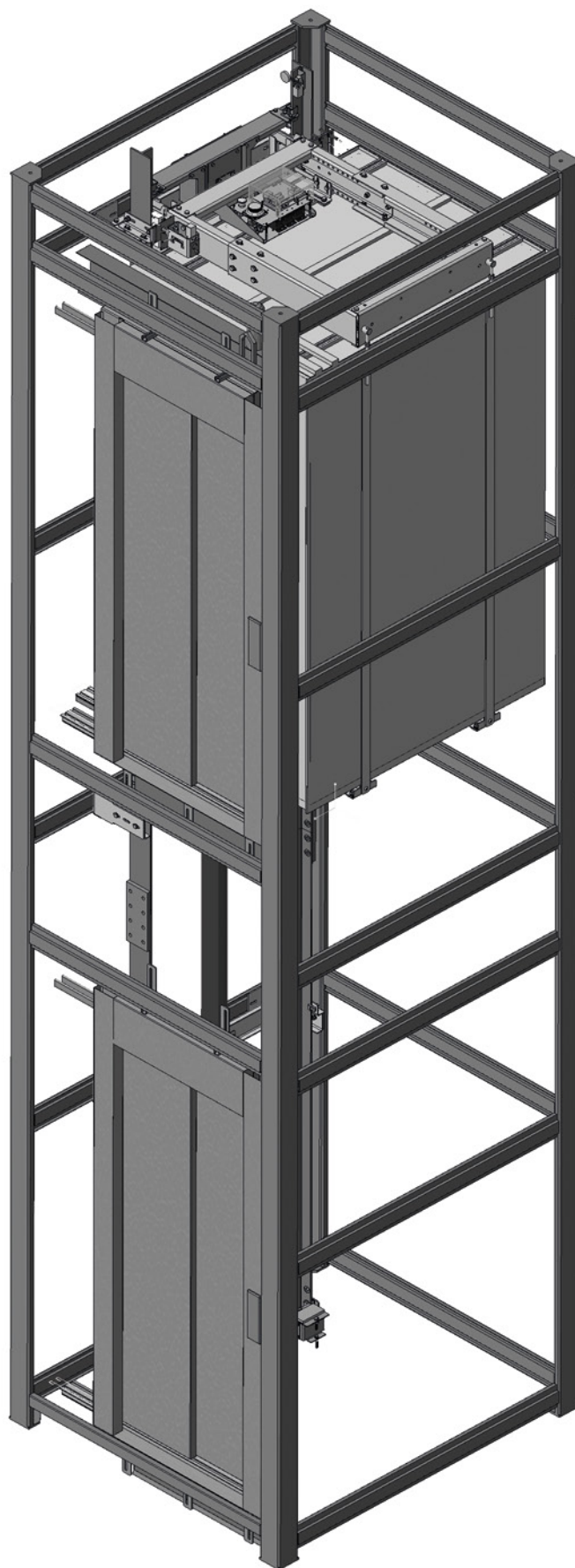




GLE.Impro.LIFT

ImproLift Plus

ImproLift Classic





- ✓ 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.
- ✓ Machine directive: 2006/42/CE.
- ✓ Australian codes AS1735.18 and AS1735.16.

Technical features



GLE.Impro.LIFT.Plus

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.



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 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 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



GLE.Impro.LIFT.Plus

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)

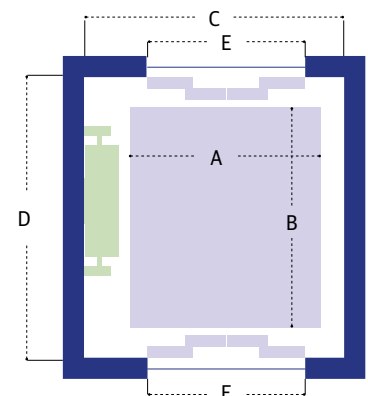
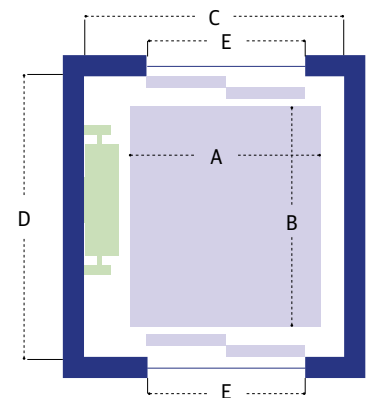
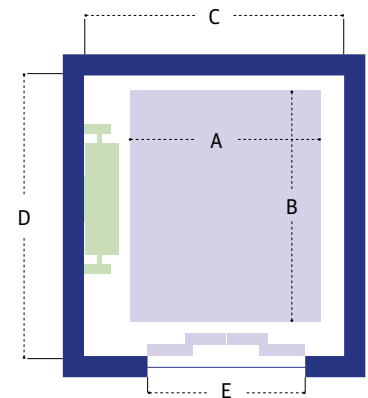
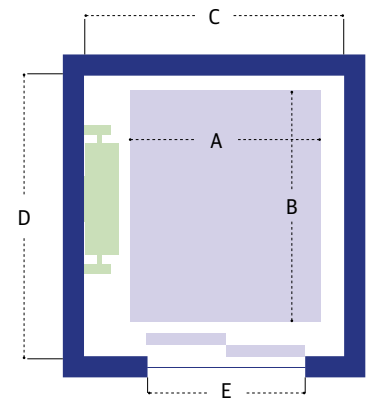
Access 180° Type 2 Panel Side Opening Doors

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

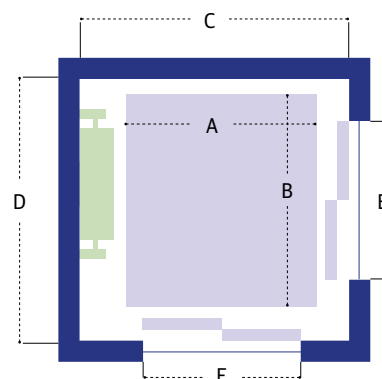


GLE.Impro.LIFT.Plus

250 Kg · DOUBLE ENTRANCE (SIDE-MOUNTED)

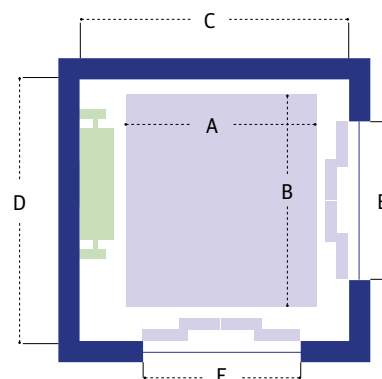
Access 90° Type 2 Panel Side Opening Doors

Car (interior)		Shaft (interior)		Clear opening
A	B	C	D	E
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)**

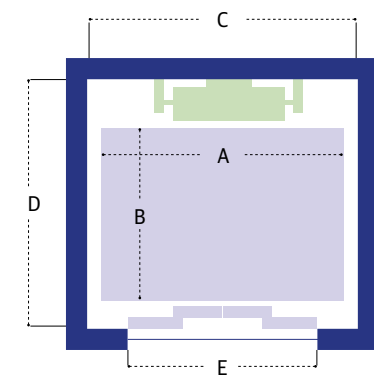
Access 90° Type 4 Panel Centre Opening Doors

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

**250 Kg · SINGLE ENTRANCE (REAR-MOUNTED)**

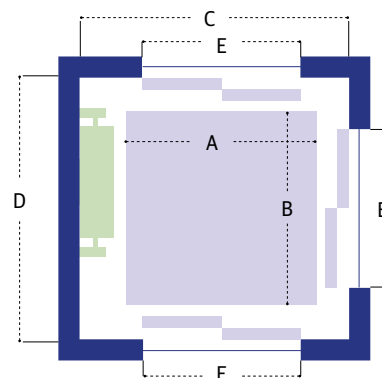
Access 0° Type 4 Panel Centre Opening Doors

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



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

325 Kg

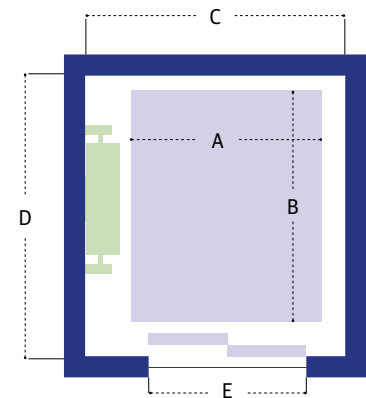


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325 Kg - SINGLE ENTRANCE (SIDE-MOUNTED)

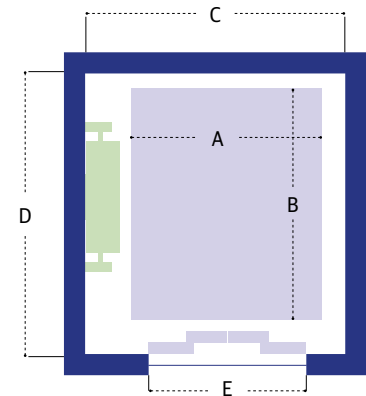
Access 0° Type 2 Panel Side Opening Doors

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)**

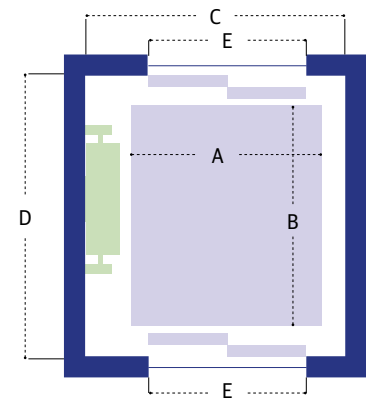
Access 0° Type 4 Panel Centre Opening Doors

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)**

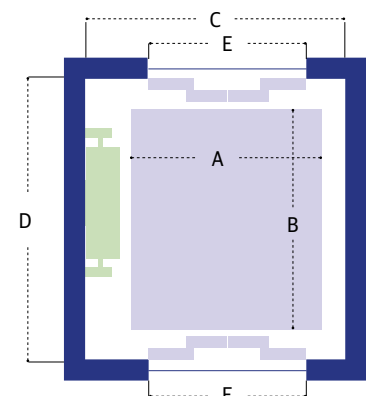
Access 180° Type 2 Panel Side Opening Doors

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



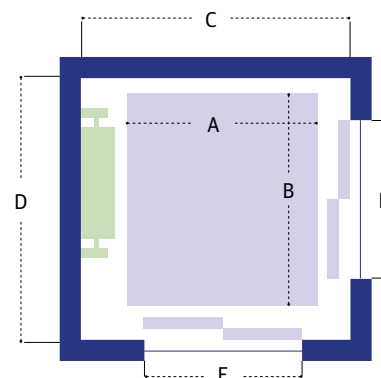
When structure is required:
Shaft width: C+ 75 mm. | Shaft depth: D+ 75 mm.

325 Kg

**325 Kg · DOUBLE ENTRANCE (SIDE-MOUNTED)**

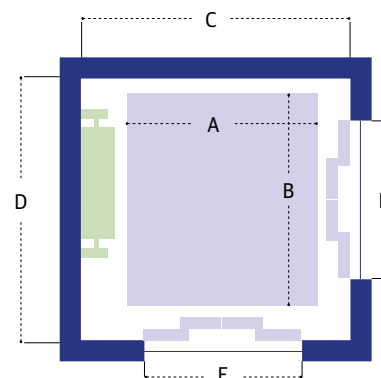
Access 90° Type 2 Panel Side Opening Doors

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)**

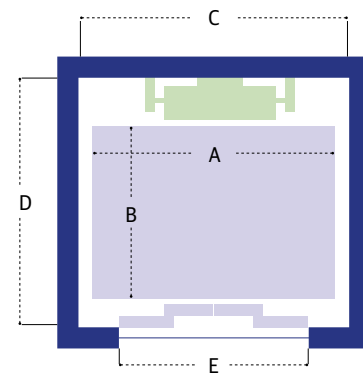
Access 90° Type 4 Panel Centre Opening Doors

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)**

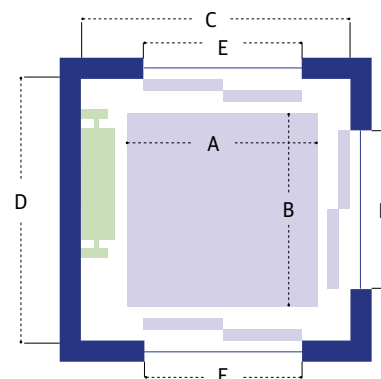
Access 0° Type 4 Panel Centre Opening Doors

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



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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
1100	1400	1550	1715	900
1100	1200	1450	1515	800
1100	1200	1550	1515	900
1000	1300	1400	1615	800
1000	1300	1550	1615	900

**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
1000	1300	1350	1615	800
1000	1300	1500	1615	900
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
1100	1400	1550	1920	900
1100	1200	1450	1720	800
1100	1200	1550	1720	900
1000	1300	1400	1820	800
1000	1300	1550	1820	900

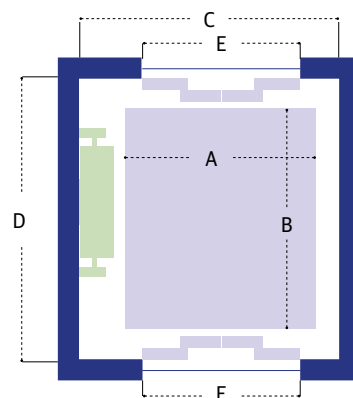
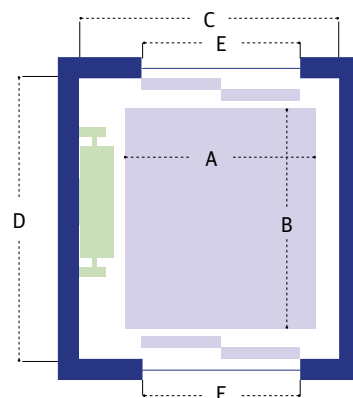
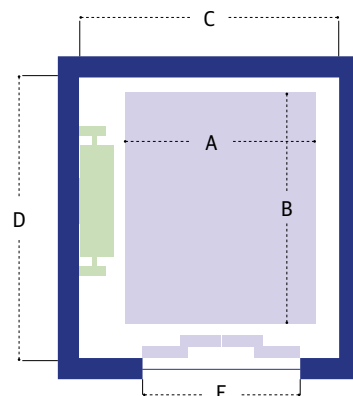
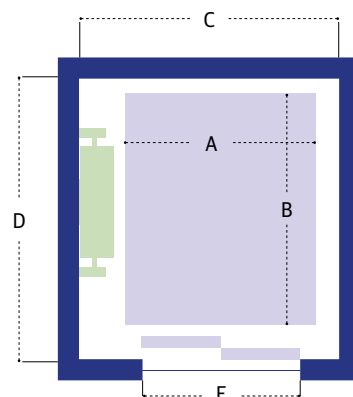
**400 Kg · DOUBLE ENTRANCE (SIDE-MOUNTED)**

Access 180° Type 4 Panel Centre Opening Doors

Car (interior)		Shaft (interior)		Clear opening
A	B	C	D	E
1100	1400	1500	1920	900
1000	1300	1350	1820	800
1000	1300	1500	1820	900
1100	1200	1500	1720	900



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

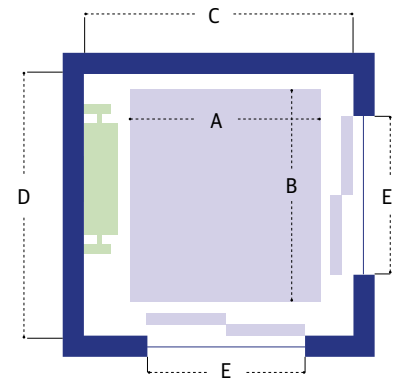


400 Kg


GLE.Impro.LIFT.Plus
400 Kg · DOUBLE ENTRANCE (SIDE-MOUNTED)

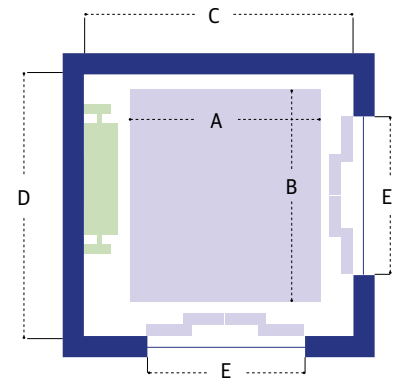
Access 90° Type 2 Panel Side Opening Doors

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)

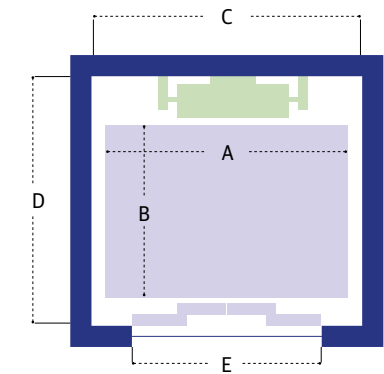
Access 90° Type 4 Panel Centre Opening Doors

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)

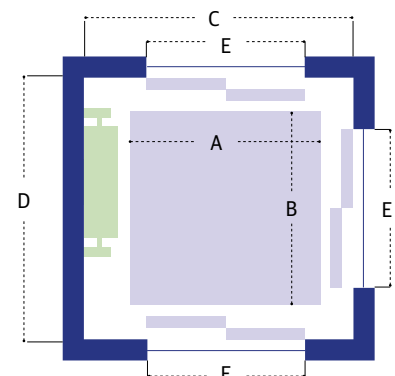
Access 0° Type 4 Panel Centre Opening Doors

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

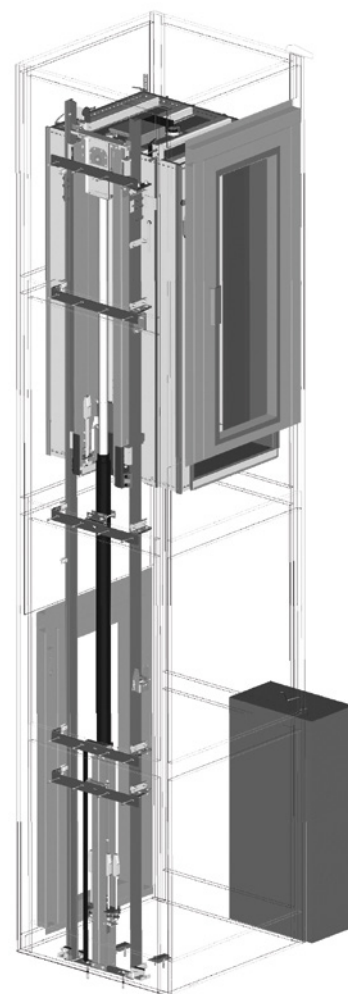

400 Kg · TRIPLE ENTRANCE (SIDE-MOUNTED)

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.



- ✓ 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.
- ✓ Machine directive: 2006/42/CE.
- ✓ Australian code AS1735.18.

Technical features



GLE.Impro.LIFT.Classic

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°.
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.

Extras



GLE.Impro.LIFT.Classic

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.

250 Kg

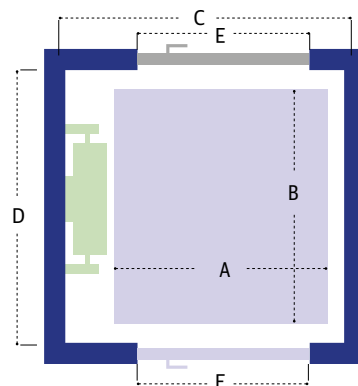


GLE.Impro.LIFT.Classic

250 Kg

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

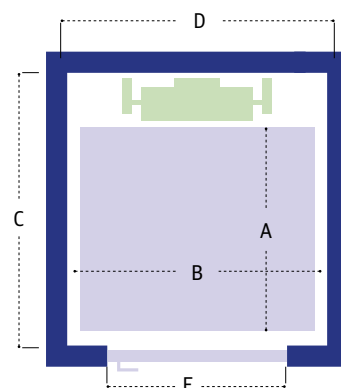
Car (interior)		Shaft (interior)		Clear opening	
A	B	C	D	E	
800	1250	1055	1360	700	
900	1100	1155	1210	800	
1000	1000	1255	1110	900	
1100	900	1355	1010	900	
685	750	940	860	600	



250 Kg

1 Entrance (Rear Mounted)

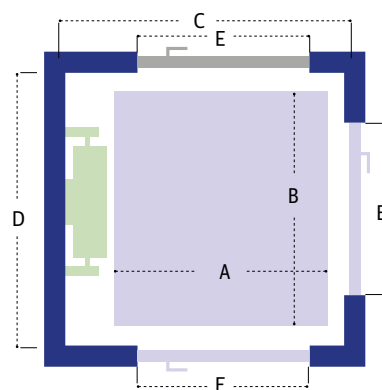
Car (interior)		Shaft (interior)		Clear opening	
A	B	C	D	E	
800	1250	1055	1360	900	
900	1100	1155	1210	900	
1000	1000	1255	1110	800	
1100	900	1355	1010	700	
600	770	855	880	600	



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.

315 Kg

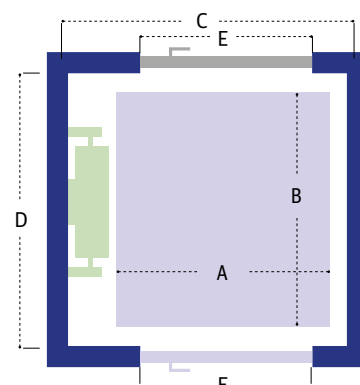


GLE.Impro.LIFT.Classic

315 Kg

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

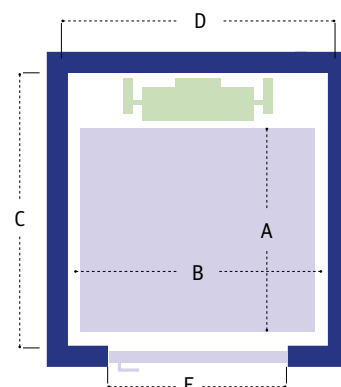
Car (interior)		Shaft (interior)		Clear opening
A	B	C	D	E
900	1400	1155	1510	800
800	1400	1055	1510	700
1000	1250	1255	1360	900
1100	1125	1355	1235	900
800	750	1055	860	700



315 Kg

1 Entrance (Rear Mounted)

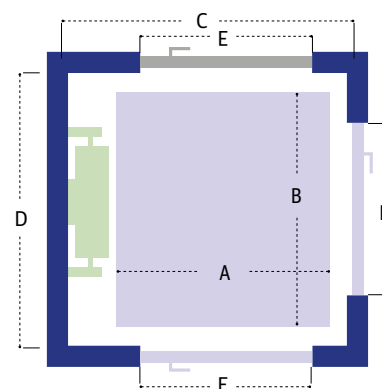
Car (interior)		Shaft (interior)		Clear opening
A	B	C	D	E
1100	1000	1355	1110	800
900	1300	1155	1410	900
1000	1250	1250	1360	900
1100	1125	1355	1235	900
700	870	955	980	700



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.

385 Kg

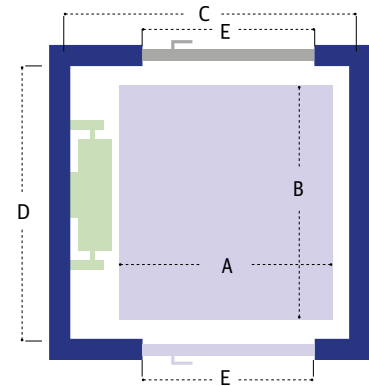


GLE.Impro.LIFT.Classic

385 Kg

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

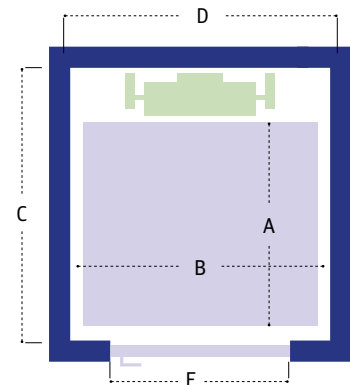
Car (interior)		Shaft (interior)		Clear opening
A	B	C	D	E
1100	1400	1355	1510	900
1100	1200	1355	1310	900
1000	1300	1255	1410	900
900	1400	1155	1510	800
900	1100	1155	1210	800



385 Kg

1 Entrance (Rear Mounted)

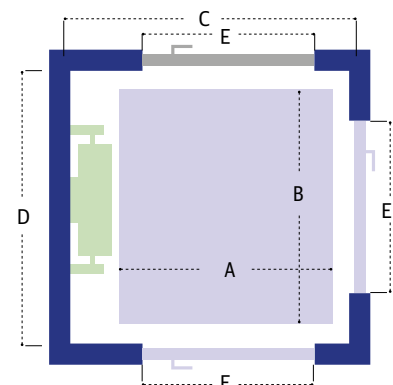
Car (interior)		Shaft (interior)		Clear opening
A	B	C	D	E
1100	1400	1355	1510	900
1100	1200	1355	1310	900
1000	1300	1255	1410	900
900	1400	1155	1510	800
900	970	1155	1210	800



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



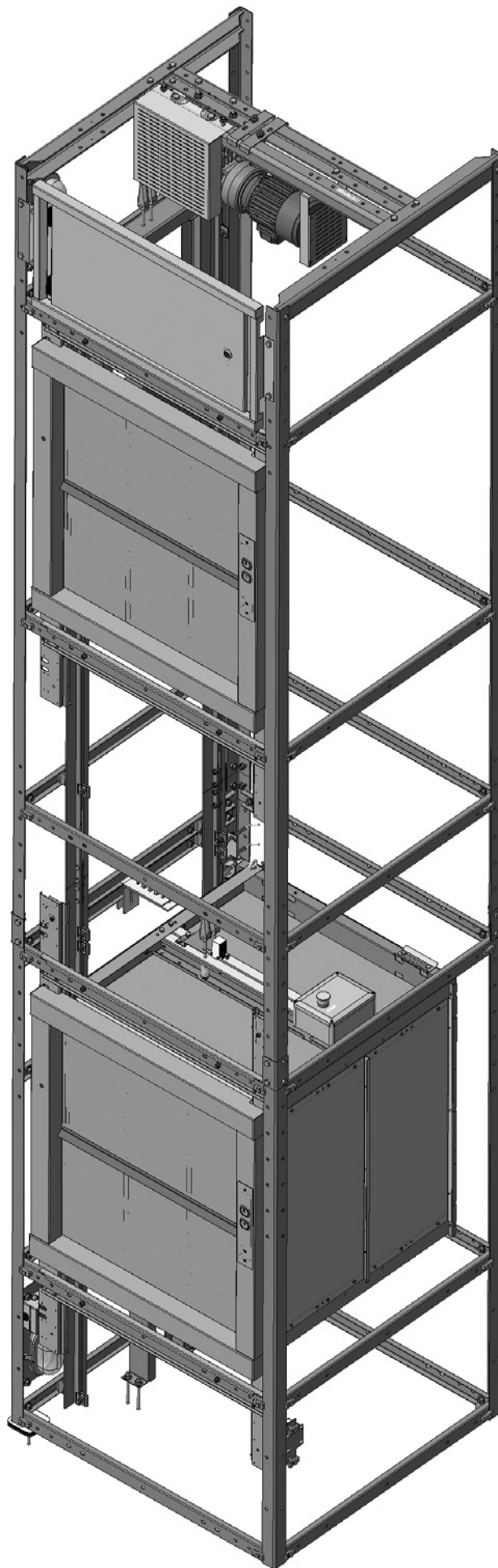
When structure is required:
Shaft width: C+ 75 mm. | Shaft depth: D+ 75 mm.

AUS: Please add 35 mm to the shaft depth.





| **GLE.ProButler.LIFT**





- ✓ Service lift.
- ✓ Traction or Drum drive.
- ✓ Manually-operated landing doors: Vertical bi-parting or swing.
- ✓ Perfect levelling at every stop guarantees trouble-free loading and unloading.
- ✓ Robust and hardwearing modular support structure.
- ✓ Single, through or adjacent openings.
- ✓ Call & send control system.
- ✓ Rated loads of 50 or 100kg.
- ✓ Maximum travel 18.5m, 7 stops.
- ✓ Machine room not required (traction drive).
- ✓ Control panel can be installed inside the pit, headroom or outside the structure.
- ✓ Car finishes can be chosen to suit customer requirements.
- ✓ **Fast and easy installation: assembly, inspection and start-up take no more than one working day for a qualified technician.**
- ✓ **Supplied pre-assembled, pre-wired and tested, reducing installation times.**
- ✓ Complies with the 2006/42/EC Machine Directive.
- ✓ Complies with the 2014/30/UE Electromagnetic Compatibility Directive.
- ✓ Built and installed in full accordance with EN 81-3:2000+A1:2008: Safety rules for the construction and installation of lifts; Part 3: Electric and hydraulic service lifts*.

APPLICATIONS

Restaurants, coffee shops | Hotels | Libraries, bookstores | Hospitals, pharmacies | Offices | Shoe stores



** In some configurations, the lift does not comply with this standard: where the lift is fitted with fire doors or is accessible to the public, for example. In case of non-standard configurations, check compliance with the rules.*

Technical features



GLE.ProButler.LIFT

Traction system	Traction or drum drive
Drive type	Electronic and variable-frequency, which reduces energy consumption and maximises stopping accuracy
Speed	0.29m/s (drum drive) 0.35m/s (traction drive)
Load capacity	50 or 100Kg
Entrance configuration	Single, double at 90°, double at 180° or triple
Maximum travel	7.25m (drum drive) 18.5m (traction drive)
Maximum no. of stops	7
Power	0.75kW (traction drive) 1.1Kw (drum dive)
Voltage	115, 220V (AC) - single-phase 220, 380 or 415V - 3-phase
Serving height	700, 800 or 900mm
Internal car height	800, 1000 or 1200mm
Control system	Call & Send
Guide rails	2.5 m
Roping	2 ropes, Ø 6.5mm
Door finishes	Galvanised or stainless steel
Stainless steel	AISI 441 (standard), AISI 304,AISI 316



Manual Swing



Vertical bi-parting (standard)



- ✓ **Landing doors:** Non-standard dimensions available upon request.
- ✓ **Electronic control system:** Special features available upon request.
- ✓ **Shelves:** Up to 4 shelves can be fitted, depending on car height. Adjustable trays' height.
- ✓ **Lift car:** Non-standard dimensions available upon request.
- ✓ **Shaft lighting:** In the pit and at the top of the shaft.
- ✓ **In-car lighting:** Energy-saving LED fittings.
- ✓ Vertical Bi-parting car door.
- ✓ Circuit protection box.
- ✓ Installation tools.
- ✓ Inspection control (only required when purchasing the first unit).
- ✓ Infrared heating system.
- ✓ Intercom.
- ✓ Out-of-service key-switch (on main floor LOP).
- ✓ Car lighting timer.
- ✓ Programmed car return.
- ✓ Horizontal 3" LCD landing display.
- ✓ Control cabinet lighting (when applicable).
- ✓ Batteries for rescue control system.

Obligatory components for compliance with EN 81-3 Safety Rules

- ✓ Technical report.
- ✓ Detailed installation plan (including reaction force tolerances).
- ✓ CE marking.
- ✓ Pit lighting.*
- ✓ Machine-room lighting (when applicable).*
- ✓ Machine-room hatchway (when applicable).
- ✓ Machine-room power socket (when applicable).*
- ✓ Pit power socket. *
- ✓ Lifting hook.*
- ✓ Lift car palm-button.*
- ✓ Emergency stop button in pit.*
- ✓ Safety kit for working in shaft (protective equipment). *
- ✓ Safety chain kit for use while working in shaft (only required when purchasing the first unit).
- ✓ Slack rope device.

*Included in accessible shaft arrangements: 820x820mm and 1000x1000mm cars.



					Door Width				
Rated Load (kg)	Car Size		Shaft Size		Vertical Bi-parting door*		Swing door		Available car heights (CH)
	A	B	C (A + 223)	D (B + 275)	E2 (A - 70)	E1 or E3 (B - 70)	E2 (A - 121)	E1 or E3 (B - 121)	
50	320**	520**	543	795	250	450	199	399	800
	420**	520**	643	795	350	450	229	329	800
	520	520	743	795	450	450	329	329	800,1000
		620		895		550		429	800
		720		995		650		529	800,1000
	620	620	843	895	550	550	429	429	800,1000
		720		995		650		529	800
		820		1095		750		629	800
	720	720	943	995	650	650	599	529	800,1000
		820		1095		750		699	800,1000
100	620	620	843	895	550	550	429	429	800,1000
		720		995		650		529	800
		820		1095		750		629	800
	720	720	943	995	650	650	529	529	800,1000
		820		1095		750		629	800,1000
	820	820	1043	1095	750	750	629	629	800,1000,1200
	1000	1000	1223	1275	930	930	809	809	1200

Car Height (CH)	Door Height		Service height (SH)	Headroom (HR)	
	No car door	With car door		Upper floor entrance at E2 (CH + SH + 755)	Upper floor entrance at E1 or E3 (CH + SH + 1215)
800	800	745	700	2715	2255
			800	2815	2355
			900	2915	2455
1000	1000	945	700	2915	2455
			800	3015	2555
			900	3115	2655
1200	1200	1145	700	3115	2655
			800	3215	2755
			900	3315	2855

* With Vertical Bi-parting landing doors, if a car door is included, the clear opening will be 20mm less.

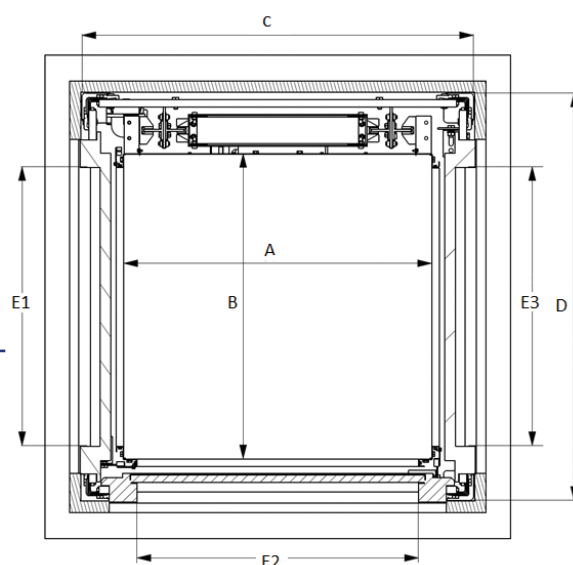
** Available only with Drum Drive machine: TDmax = 7250mm, S = 0.29 m/s, D = 210mm, F = 150kg, 110kW.

Unless stated otherwise, all dimensions are expressed in millimetres.

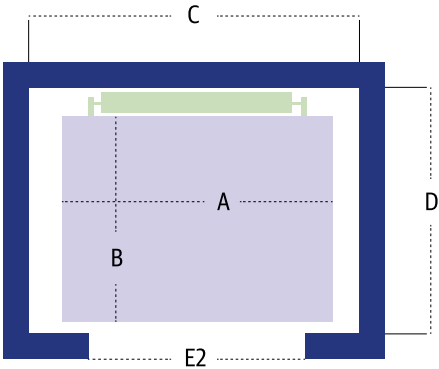
Any dimensions not cited are available on request.



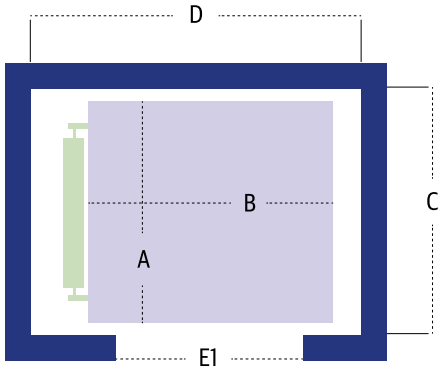
Click here for more information about this product
www.gle-lifts.com



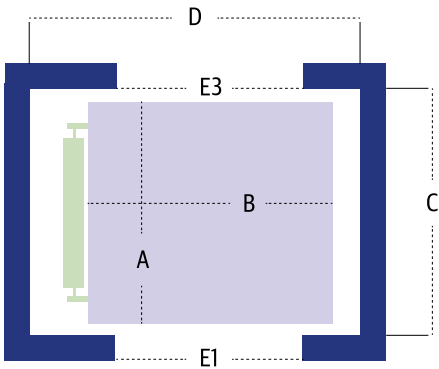
Layouts



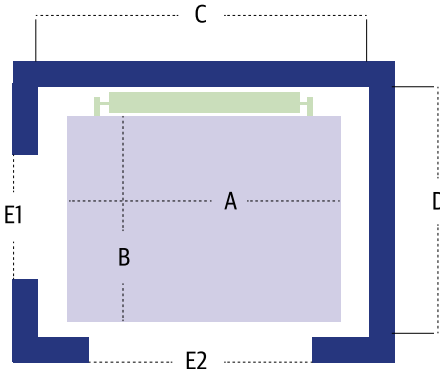
LAYOUT 1



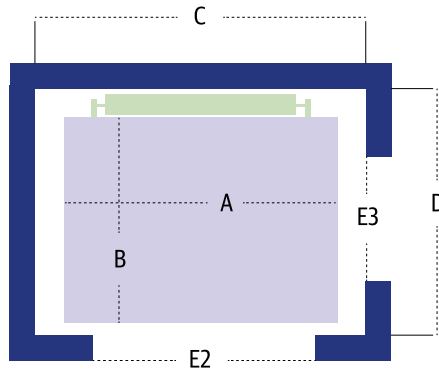
LAYOUT 2



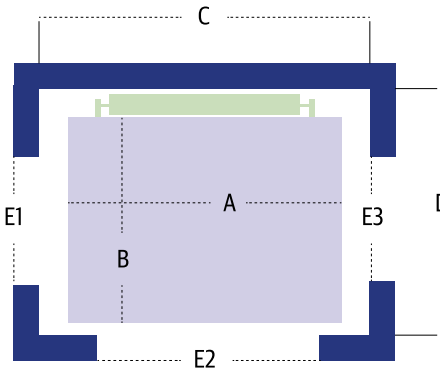
LAYOUT 3



LAYOUT 4



LAYOUT 5



LAYOUT 6

International Norms

GLE is constantly expanding its presence the world over. In order to be the world's local lift supplier, we are able to offer a growing number of lift packages that comply with lift regulations in numerous countries. With an expansive supplier base, you are guaranteed to find the product you are looking for.



Europe

- 2014/33/EC
- 2006/42/EC
- EN81-20
- EN81-50
- EN81-28 on remote alarm
- EN81-58 on doors
- EN81-70: 2004 on accessibility to lifts for persons including persons with disability
- EN81-71: 2005 on vandal-resistant lifts
- EN81-72: 2004 on fire fighting lifts
- EN81-73: 2005 on behaviour of lifts in the event of fire
- EN81-21 on special dimensions (low pit and headroom)

Russia

- GOST R 53780-2010
- GOST R 53961-2010
- GOST R 52382-2010

Australia

- AS1735
- AS1735.12
- AS1735.18
- AS1735.16
- BCA

Car 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

GLE-Cargo



A hard-wearing goods and passenger lift with various options



***For more information, please
consult our End User Catalogue***

*You can find more information on our web site: **www.gle-lifts.com***



The GLE Product Catalogue aims to give you an insight into our MRL gearless traction, home lift and goods lift ranges.

The GLE MRL gearless traction offering is an environmentally conscious, technologically advanced range that offers flexibility, easy installation and numerous energy saving options.

April 2018 edition



Global Lift Equipment

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