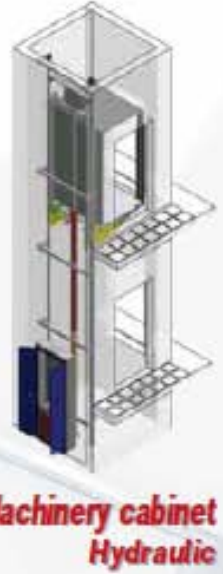


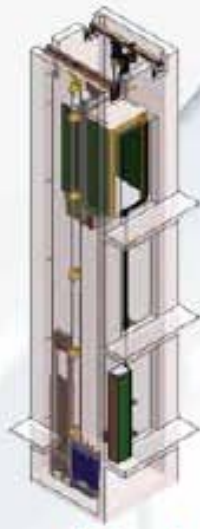
Machine Room Less Hydraulic



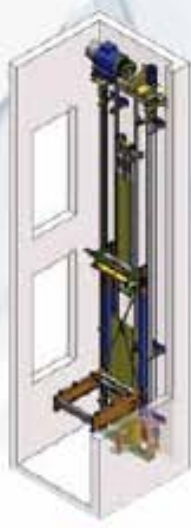
Machinery cabinet Hydraulic



Consol Gearbox



Exel Gearless



Zeus Gearless



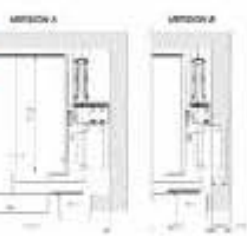
Eclipse Gearbox

PRODUCT RANGE

Current product offering includes: complete hydraulic and traction lifts (up to loads of 10,000 and 5,000 kg respectively), MRL lifts in both hydraulic and traction drive (up to loads of 2,000 kg) - geared and gearless - , lift cars and car frames, structures and controllers.

In addition, Axel can provide components and spares such as cabin and landing doors, traction motors and gear boxes, pump units, panels and push buttons, control boards, lift accessories...

Projects & Engineering



Doors & Operators



COP Pushes & Indicators

Gearbox & Gearless



MRL Hydraulic Units



Shaft Structures



Controllers & Pre-wirings



Customized Cars



SKIN PLATE

CAR WALLS



Lift car cladding in skinplate in different types and colours with accessories as per following page.



e eurolifts
Installations - Refurbishments - Maintenance



Info-Desk

Mrl Hydraulics

The innovative Mrl Hydraulic elevator system offers an eco-friendly Mrl design that completely eliminates the inconvenience of the Machine Room. Its unique design features make it a smarter, more efficient solution for a wide range of low-rise buildings, including offices, retail outlets, hotels, hospitals and more.

e eurolifts
Installations - Refurbishments - Maintenance



PLASTIC LAMINATE

CAR WALLS

Lift car cladding in plastic laminate in different types and colours with accessories as per following page.



Info-Desk

Hydraulic elevators offer:

- Total flexibility in low-rise buildings
- Smooth, quiet, reliable performance
- Unsurpassed selection of design and control features
- Suitability across a broad range of applications
- Start-to-finish customer support
- Quick turnaround
- Installation assistance
- Code EN81.70 - DDA compliance
- Breeam under request
- ISO 9001 certification



STAINLESS STEEL

CAR WALLS



Lift car cladding in stainless steel
in different finishes
(pattern, linen, rigidized,
polished etc.)



BED LIFTS

Lift cars for beds & goods lifts with special material suitable for medical and clinic environments, anti-slip car floor, bump rails and accessories as per following page.



Info-Desk

Hospital Lifts

- A wide variety of capacities for general passenger use
- Service capacities for hospital service use
- Rises up to 40 Mts
- Multi-car group configurations
- VVVF Car door operator with single/double door panel on side opening
- Central opening door
- Front and rear-opening configurations



CAR FINISHES



Lightings



SQUARE STANDARD HOLES



RANDOM



LEDS SPOTLIGHT



DIAMOND



SIDE STANDARD HOLES



RECESSED



LEDS SPOTLIGHT + FLUORESCENT



Hand - Bump rails - Skirtings



Panels - Push Buttons



Bubble Rubber Floors



R 904 OCRA



M 004 CARBON DUST



G 804 METAL

PVC Floors



MARMBLE ROSE



BLUE



RED



M 15 GREEN

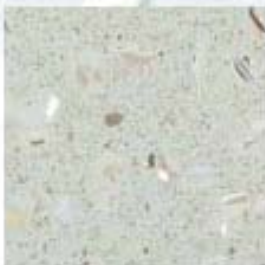


M 02 STONE

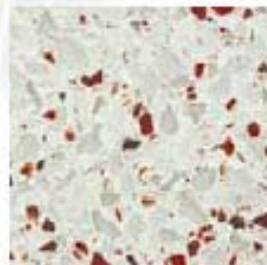


M 00 CARBON

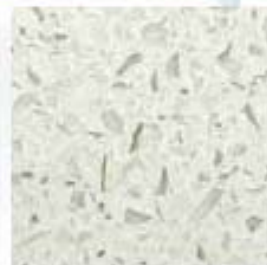
Granite Rock Solid Floors



617 PEARL



451 WHITE RED



431 WHITE



674 GREY



433 BLACK



467 BROWN



425 RED



438 BLUE

The colours may differ from actual production and are subject to change without prior notice.



Skin plate wall finishes



B 13



A 13



F12 PPS



N 1

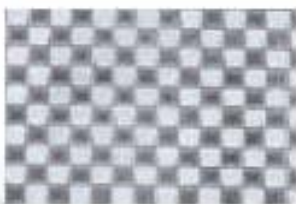


DL 25



DP 4

Stainless steel wall finishes



DAMA



LINO LUCIDO



QUADRO LUCIDO



SWL LUCIDO



CUOIO LUCIDO



PELLE LUCIDO



SCOTCH BRITE



SATINATO



Plastic laminate wall finishes - standard



B57A



0639



0605



0215



B074P



0211



0234



0561



0614



445A



0573



0203



U001P



0204



4123



1379A

Plastic laminate wall finishes - special



2539 SPECIAL



3089 SPECIAL



2541 SPECIAL



2526 SPECIAL



2525 SPECIAL



1834 SPECIAL



3078 SPECIAL



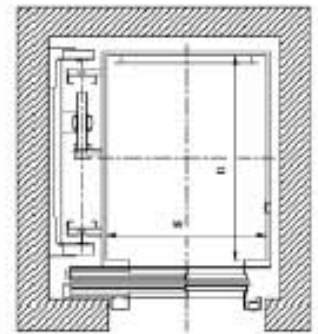
1835 SPECIAL

The colours may differ from actual production and are subject to change without prior notice.



Standard hydraulic lifts with machine room

ITEM	UNIT	STANDARD MODELS															
Load	kg	320	400	480	630	800	1000	1500									
Passengers	-	4	5	6	8	10	13	20									
Shaft	W (mm)	1500	1500	1500	1600	1600	1700	1900	1900	1800	2100						
	D (mm)	1500	1600	1700	1600	1800	2000	1800	2000	2500	2800						
Car internal dimensions	W (mm)	900	950	950	1100	1100	1200	1350	1400	1100	1400						
	D (mm)	1000	1100	1300	1200	1400	1600	1400	1600	2100	2400						
Door (H=2000 mm)	W (mm)	800	800	800	800	800/900	800/900	900/1100									
Speed	m/s	0.63	1	0.63	1	0.63	1	0.63	1	0.63	1	0.63	1				
Pit	mm	1000	1100	1000	1100	1000	1100	1200	1300	1200	1300	1200	1300	1400	1500		
Headroom*	mm	3400	3500	3400	3500	3400	3500	3400	3500	3400	3500	3400	3500	3400	3500		



Note: All specs based on car height of 2200 mm

Hydraulic MRL in pit with extractable controller

Controller			
TYPE	W (mm)	D (mm)	H (mm)
"A"	220	325	1640

Load	kg	480	630 *	1000 *	1000 *
Passengers	-	6	8	13	13
Shaft	W (mm)	1650	1650	1650	1850
	D (mm)	1700	1800	2500	2500
Car internal dimensions	W (mm)	950	1100	1100	1100
	D (mm)	1300	1400	2100	2100
Door (H=2000 mm)	W (mm)	800	800	800	900
Speed	m/s	0.62	0.62	0.50	0.50
Pit	mm	1200	1200	1200	1200
Headroom*	mm	3400	3400	3400	3400

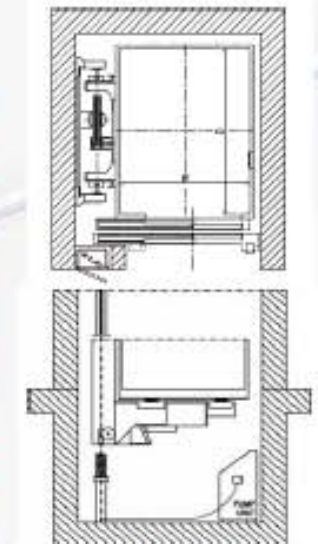
* 630 kg = travel 12000 mm max.
* 1000 kg = travel 6000 mm max.

Hydraulic MRL in pit with recessed controller

Controller			
TYPE	W (mm)	D (mm)	H (mm)
"B"	300	170	2220

Load	kg	480	630 *	1000 *	1000 *	
Passengers	-	6	8	13	13	
Shaft	W (mm)	1500	1560	1900	1650	
	D (mm)	1700	1800	2000	2500	
Car internal dimensions	W (mm)	950	1100	1400	1100	
	D (mm)	1300	1400	1600	2100	
Door (H=2000 mm)	W (mm)	800	800	800/900		
Speed	m/s	0.62	0.62	0.50	0.50	
Pit	mm	1200	1200	1200	1200	
Headroom*	mm	3400	3400	3400	3400	

* 630 kg = travel 12000 mm MAX.
* 1000 kg = travel 6000 mm MAX.



Pump Unit in pit

* Headroom calculated with an internal car height of 2130 mm

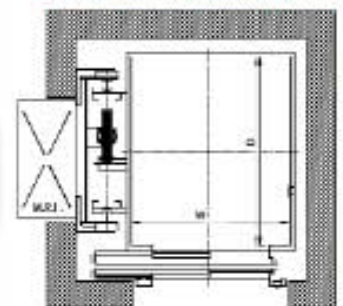
Hydraulic MRL: machine roomless hydraulic lifts

ITEM	UNIT	STANDARD MODELS													
Load	kg	320	400	480	630	800	1000								
Passengers	-	4	5	6	8	10	13								
Shaft	W (mm)	1500	1500	1500	1600	1600	1700	1900	1900	1600					
	D (mm)	1500	1600	1700	1600	1800	2000	1800	2000	2500					
Car internal dimensions	W (mm)	900	950	950	1100	1100	1200	1350	1400	1100					
	D (mm)	1000	1100	1300	1200	1400	1600	1400	1600	2100					
Door (H=2000 mm)	W (mm)	800	800	800	800/900	800/900	800/900								
Speed	m/s	0.63	1	0.63	1	0.63	1	0.63	1	0.63	1				
Pit	mm	1000	1100	1000	1100	1000	1100	1200	1300	1200	1300	1200	1300		
Headroom*	mm	3400	3500	3400	3500	3400	3500	3400	3500	3400	3500	3400	3500		
Motor power	kW	7.7	11	9.5	14.7	9.5	18.4	12.5	22	14.7	29.4	18.4	29.4		
Current	A	19	26.6	21.9	31.8	21.9	39.9	28.5	48	31.8	63.7	39.9	63.7		



3 MRL cabinets available:

MODEL	I	II	III
W (mm)	870	930	1000
D (mm)	400	570	690
H (mm)	2100	2100	2100



Legend: W = width; D = depth; H = height

Standard electrical lifts with machine room on top

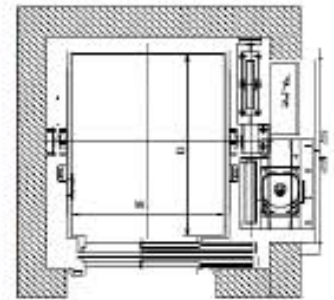
ITEM	UNIT	STANDARD MODELS																		
Load	kg	320	400	480	630	800	1000	1500												
Passengers	-	4	5	6	8	10	13	20												
Shaft	W (mm)	1500	1500	1500	1600	1600	1700	1800	1900	1700	2200									
	D (mm)	1500	1700	1900	1800	2000	2200	2000	2200	2500	2800									
Car internal dimensions	W (mm)	900	950	950	1100	1100	1200	1350	1400	1100	1400									
	D (mm)	1000	1100	1300	1200	1400	1600	1400	1600	2100	2400									
Door (H=2000 mm)	W (mm)	800	800	800	800	800	800/900	800/900	900/1100											
Speed	m/s	0.6	1/1.6	0.6	1/1.6	0.6	1/1.6	0.6	1/1.6	0.6	1/1.6	0.6	1/1.6	0.6	1/1.6	0.6	1/1.6			
Pit	mm	1100	1100	1400	1100	1100	1400	1100	1400	1100	1400	1100	1400	1100	1400	1100	1400			
Headroom*	mm	3400	3450	3600	3400	3450	3600	3400	3450	3600	3400	3450	3600	3400	3450	3600	3400			
Motor power	kW	3.0	3.3/3.3	4.3	3.3	4.0/4.0	6.4	4.0	5.0/4.3	7.9	4.4	6.0/5.8	9.5	6.4	8.5/7.9	11.5	7.20			

2 speed motors: 0.60, 1.5 - 1.00/0.25 m/s
■ value with VVVF motor control

Note: All specs based on car height of 2200 mm *; Headroom calculated with an internal car height of 2150 mm Legend: W = width; D = depth; H = height

ITEM	UNIT	STANDARD MODELS														
Load	kg	480			630			800			1000			1000		
Passengers	-	6			8			10			13			13		
Shaft	W (mm)	1450			1600			1850			1950			1800		
	D (mm)	1650			1800			1850			2050			2450		
Car internal dimensions	W (mm)	950			1100			1350			1400			1100		
	D (mm)	1300			1400			1400			1600			2100		
Door (H=2000 mm)	W (mm)	800			800/900			800/900			900			900		
Speed	m/s	0.62	1	1.5	0.62	1	1.5	0.62	1	0.62	1	0.62	1	0.62	1	
Pt	mm	1250	1300	1400	1250	1300	1400	1350	1400	1350	1400	1350	1400	1350	1400	
Headroom*	mm	3400	3450	3600	3400	3450	3600	3400	3450	3400	3450	3400	3450	3400	3450	
Motor power	kW	3.7	5/6	7.5	4.7	7.7/6.4	9.6	6	9.8/8.2	7.6	12.3/10.2	7.6	12.3/10.2	7.6	12.3/10.2	
		11.5/9.6	14.4	9.2	14.8/12.3	18.5	11.7	15.7	14.6	19.6	14.6	19.6	14.6	19.6		
Current	A	7.1	11.5/9.6	14.4	9.2	14.8/12.3	18.5	11.7	15.7	14.6	19.6	14.6	19.6	14.6	19.6	

■ value with VVVF motor control

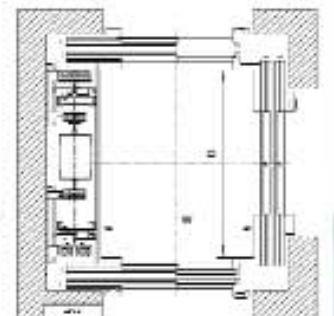


External access to gearbox and controller

CONSOL: machine roomless lift

ITEM	UNIT	1:1						2:1								
Load	kg	480			630			800			1000			1200		
Passengers	-	6			8			10			13			16		
Shaft	W (mm)	1500			1600			1700			1920			2020		
	D (mm)	1700			1750			1950			1950			2150		
Car internal dimensions	W (mm)	950			1100			1200			1400			1500		
	D (mm)	1350			1400			1600			1600			1800		
Door (H=2000 mm)	W (mm)	800			800/900			800/900			900			900		
Speed	m/s	0.6/0.8	0.6/1	1.2/1.6	0.6/0.8	1	1.2/1.6	0.6/0.8	1	1.2	0.6	1	0.6	1	0.6	1
Pt	mm	1100	1150	1200	1100	1150	1200	1100	1150	1200	1200	1250	1200	1250	1200	1250
Headroom*	mm	3350	3450	3500	3350	3450	3500	3350	3450	3500	3350	3450	3350	3450	3350	3450
Motor power	kW	3.3/3.7	4	5.5/6.6	3.7/4	5.5	6.2/4.8	4	5.5	6.2	7.3	5.5	9.2	5.5	9.2	6.2
		8/9	9.6	13.2/15.9	9/9.6	13.2	15/11.5/21.5	13.2	15	17.4	13.2	21.5	13.2	21.5	15	27.5

Shaft dimension indicated are for single entrance



Adjustable beam on top. VVVF drive

Control Board Cabinet Dim. W 260 x D 170 x H 1800

EXEL: machine roomless lift with gearless motor

ITEM	UNIT	STANDARD MODELS																											
Load	kg	480				630				800				1000				1600				2000							
Passengers	-	6				8				10				13				13				21				26			
Shaft	W (mm)	1620				1770				1980				2050				1780				2300				2550			
	D (mm)	1700				1750				1750				2000				2450				2600				3000			
Car internal dimensions	W (mm)	950				1100				1350				1400				1100				1400				1600			
	D (mm)	1300				1400				1400				1600				2100				2400				2600			
Door (H=2000 mm)	W (mm)	800				800/900				800/900				900				900				1200				1300			
Speed	m/s	1	1.6	2	1	1.6	2	1	1.6	2	1	1.6	2	1	1.6	2	1	1.6	2	1	1.6	2	1	1.6	2	1	1.6	2	
Pt	mm	1300	1350	1400	1300	1350	1400	1400	1450	1400	1450	1400	1450	1400	1450	1400	1450	1400	1450	1400	1450	1400	1450	1400	1450	1400	1500		
Headroom*	mm	3450	3500	3600	3450	3500	3600	3450	3500	3600	3450	3500	3600	3450	3500	3600	3450	3500	3600	3450	3500	3600	3450	3500	3600	3450	3500	3450	3500
Motor power	kW	4	6.3	8	5	8	10	6.5	10.4	8	13	8	13	8	13	10	16	13	21	16	13	21	16	13	21	16	13	21	
		7.6	12	15	10	15.7	19.6	12.5	20	15.6	25	15.6	25	26	43	36.5	58.8												

Control Board Cabinet Dim. W 260 x D 170 x H 1800

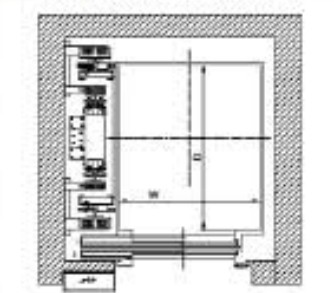


Version B: more shaft space available

ZEUS: machine roomless lift with gearless motor

ITEM	UNIT	STANDARD MODELS														
Load	kg	480			630			800			1000			1000		
Passengers	-	6			8			10			13			13		
Shaft	W (mm)	1500		1600	1600		1850		1700	1900		1600		1600		
	D (mm)	1700		1600	1800		1800		2000	2000		2500		2500		
Car internal dimensions	W (mm)	950		1100	1100		1350		1200	1400		1100		1100		
	D (mm)	1300		1200	1400		1400		1600	1600		1600		2100		
Door (H=2000 mm)	W (mm)	800			800/900			800/900			900			900		
Speed	m/s	1	1.2	1.6	1	1.2	1.6	1	1.2	1.6	1	1.2	1.6	1	1.2	1.6
Pt	mm	1300	1350	1400	1300	1350	1400	1300	1350	1400	1300	1350	1400	1300	1350	1400
Headroom*	mm	3450	3500	3550	3450	3500	3550	3450	3500	3550	3450	3500	3550	3450	3500	3550
Motor power	kW	4	6.3	8	5	8	10	6.5	7.7	10.4	8	9.7	13	8	9.7	13
		7.6	12	15	10	15.7	19.6	12.5	15	20	15.6	18.7	25	15.6	18.7	25

Shaft dimension indicated are for single entrance



Fire fighting and water proof options available

Control Board Cabinet Dim. W 260 x D 170 x H 1800