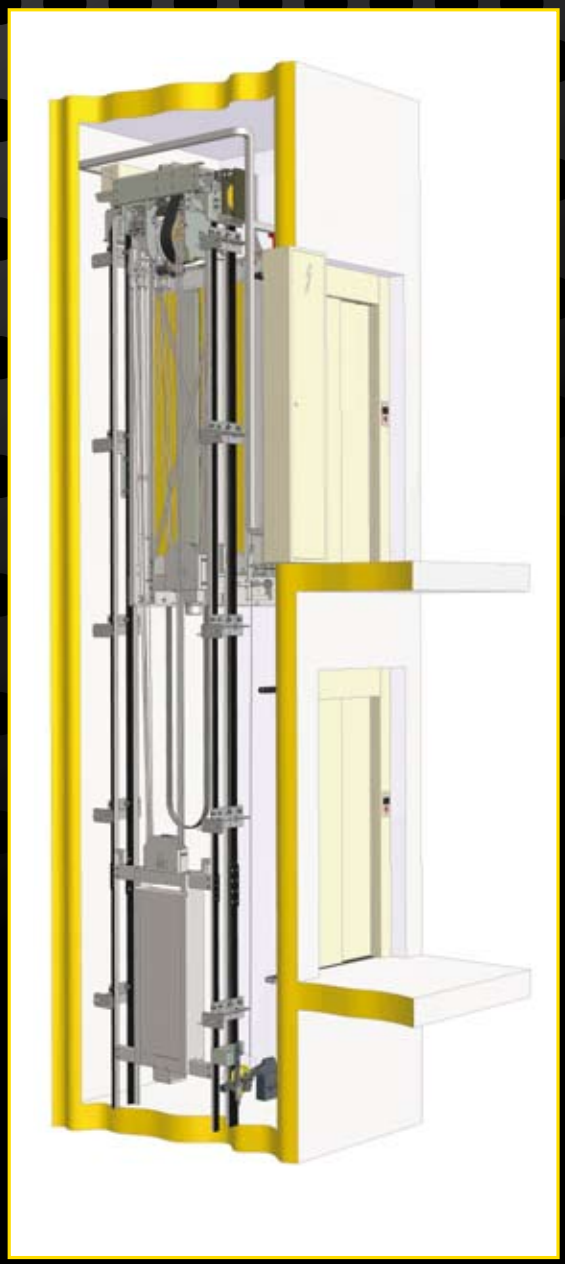
Green Lift GLB MRL

Traction Mecatronic

The Gearless Belt traction lift has been developed by our parent company in Sweden to complete our range of lifts. All mounting points are on one load bearing wall to help with the construction of the shaft and reduce installation times. We believe this is one of the best MRL traction lifts on the market.



GLB MRL Advantages

- Superior ride quality and floor levelling precision
- Quiet ride and low noise transmission
- Reliable in service

Reliable Technology

- Safe system which is easy to install and keep efficient
- Gearless Belt machine especially designed for machine room-less applications
- VVVF drive, field oriented vector control with sinus encoder
- Electrical absorption 11.5A (630kg)

Cost Effective

- Low installation cost
- Low maintenance costs and easily accessible spare parts
- Reduced energy consumption in comparison with a traditional geared machine

Flexible

- Low forces on shaft wall due to GLB MRL machine being installed on top of the guide rail
- When using a reinforced guide rail, the brackets can be fixed in each floor slab
- Landing doors and TMC car available in a wide range of colours or stainless steel
- Electrical control panel to be located either outside or inside the shaft (in the latter case, remote controls on the highest floor door will enable inspection, maintenance and emergency operations)

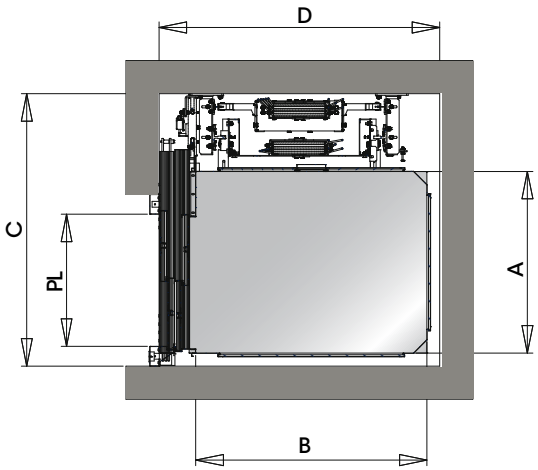
Safe

- Automatic return to landing in case of power failure
- Manual rescue operation made by UPS

GLB MRL

Payload [kg]	No. people	Nominal current [A]	Output power [kW]	No. entrances	Car dimensions		Doors opening	Min. shaft dimensions with doors opening at side	
					A (mm)	B (mm)	PL (mm)	C (mm)	D (mm)
450	6	8.7	2.8	1	950	1300	800/850/900	1500/1500/1550	1650
450	6			1	1000	1250	800/850/900	1500/1500/1550	1600
480	6	8.9	3	2 opposite	950	1300	800/850/900	1500/1500/1550	1840
480	6			2 opposite	1000	1250	800/850/900	1500/1500/1550	1790
630	8	9.5	4	1	1100	1400	800/900	1600	1750
630	8			2 opposite	1100	1400	800/900	1600	1940
1000	10	15.5	6.5	1	1100	2110	800/900	1600	2500
1000	10			2 opposite	1100	2110	800/900	1600	2610
Speed 1 m/s – Travel max 31 m									
Up to 11 stops and 12 services									
Motive force (upstream the inverter) 230/400 Volt a.c. – 50 - 60 Hz									

Shaft Plan



Shaft Section