

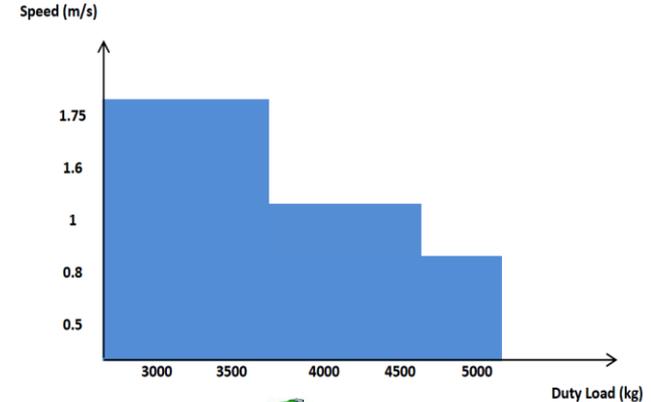
Gen2 Robusta ED



Specifications

Gen2 Robusta Specifications

Load	3000kg to 5000kg
Speed	0.5 m/s, 0.8 m/s, 1 m/s, 1.6m/s or 1.75m/s
Max. Rise	75m for 1.75 m/s ; 45m for 1 m/s, 36 m for 0.8 m/s and 22.5m for 0.5 m/s
Max. No. of Stops	(Up to DL=3500 kg&NBENT=1, max 24; Up to DL=3500 kg&NBENT=2;DL=4000 kg, max 16 ; Up to DL=5000 , max 13)
Entrances	Front or front & rear
Stopping accuracy	+/- 3mm
Average in car noise	53 dBA



Aesthetics



Car Enclosure Types



Stainless Steel Car



Skinplate Car



Brushed

Buffalo
skin

Linen



COFFEE

LINEN SILK

STRUCTURED
SILVER

DARK GREY

Other Aesthetics

Car Flooring



Protection Boards



Dark Grey PVC 30mm thick x 120 mm height



Hardwood (RAL8011) 25 mm thick x 150 mm height

Car Ceiling



Handrail



Circular bended bar shape
Brushed or Mirror Stainless Steel

Signalization



Sleek, unobtrusive and highly resistant operating panels:

- Flat brushed stainless steel faceplate
- LCD and Dot-matrix position and direction indicator
- Vandal resistant stainless steel buttons with LED technology
- Metallic black chicklets with Braille
- Door open and alarm buttons
- Optional key switches
- Landing fixtures:



Supporting Your Green Building

Gen2 Robusta ED features

Benefits

Coated steel belts

- 20% lighter than regular ropes yet stronger
- It lasts up to three times longer
- Reduces total mass to be moved
- Decreases power and energy used during acceleration/deceleration phases
- Quiet operation and superior ride comfort
- Eliminates the metal-on-metal contact

Compact gearless machine

- Gearless technology avoid high mechanical losses (50% more efficient than a geared machine)
- PM technology brings higher overall machine efficiency due to rotor current induction avoidance (10% more efficient than an asynchronous gearless)
- Radial design provides a low inertia and great magnetic field confinement (15% more efficient than axial PMSM gearless)

ReGen Drive Pulse system

Energy savings through energy regenerating when heavily-loaded car travels down or lightly-loaded car travels up. Energy efficiency class
Monitors continually the status of the blts steel cords

LED lighting

Auto shutoff during standby, allows reduced lighting power and brings significant energy savings
Lasts more than 10 times longer than that of incandescent bulbs.

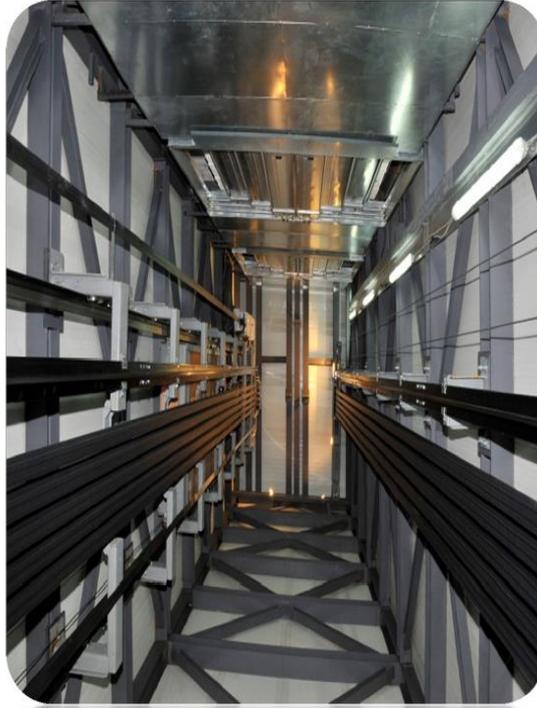
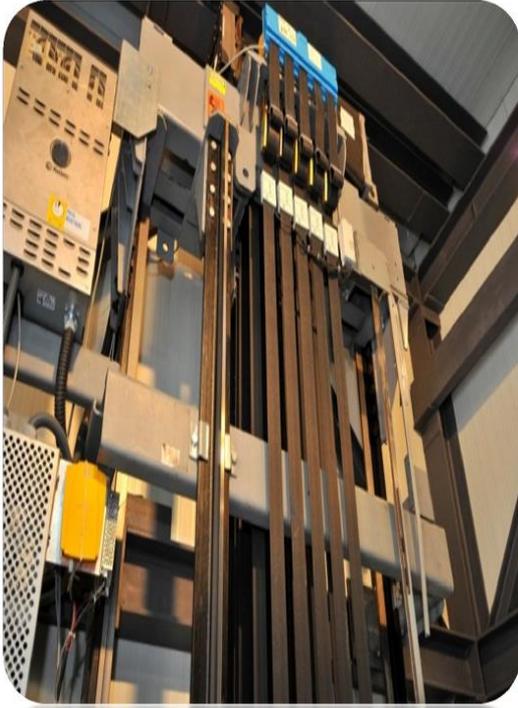
Standby mode

In case of no activity, energy-conserving standby mode of machine, controller, drive, car lighting, ventilation and door operator is switched on.

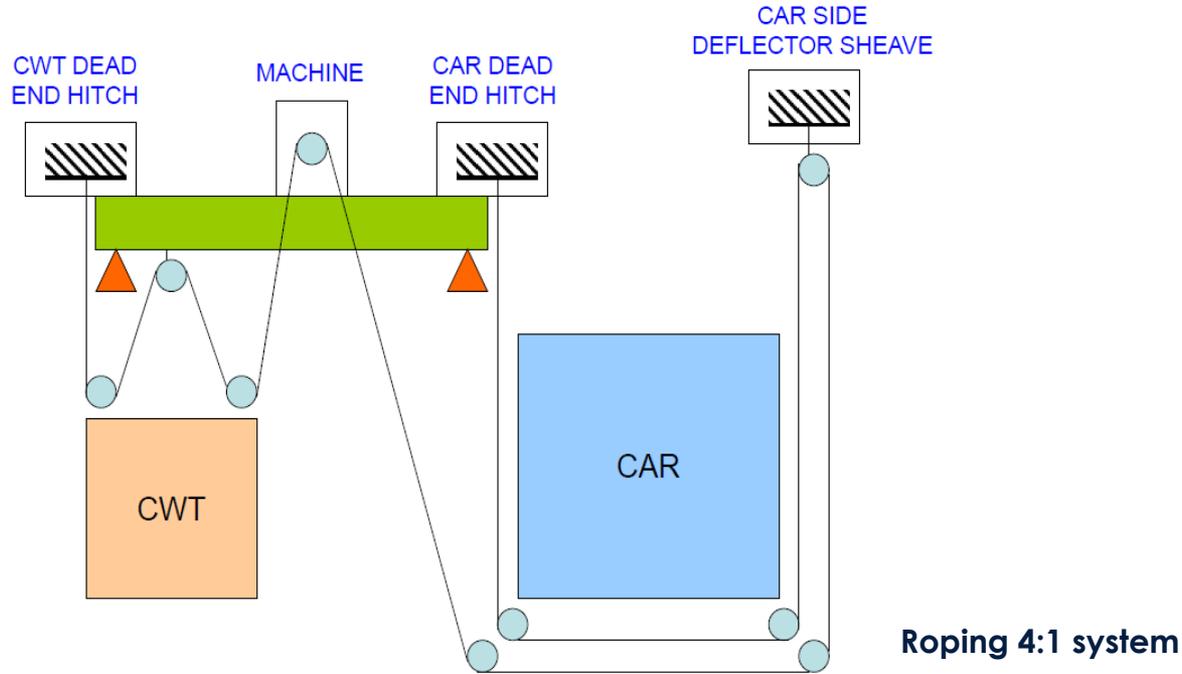
Energy Efficiency Class



Belts Through Hoistway



Roping Arrangement



Loading Capacity

LOADING CASES	NAME	DUTY LOAD	MAX LOADING WEIGHT	FLOORING		
				Durable Rubber	Aluminium chequered plate	Steel chequered plate
	Trolley or Caddy	All	150 kg	○	○	○
	Two wheeled hand-truck	All	220 kg	○	○	○
	Four-wheeled container	All	420 kg	○	○	○
	Electrical hand fork lift truck	3000 kg	1800 kg	N/A	N/A	●
		3500 kg	2100 kg			
		4000 kg	2400 kg			
		4500 kg	2700 kg			
		5000 kg	3000 kg			