

► **Range of Application**

ECO 2i MRL ECO

2is MRL

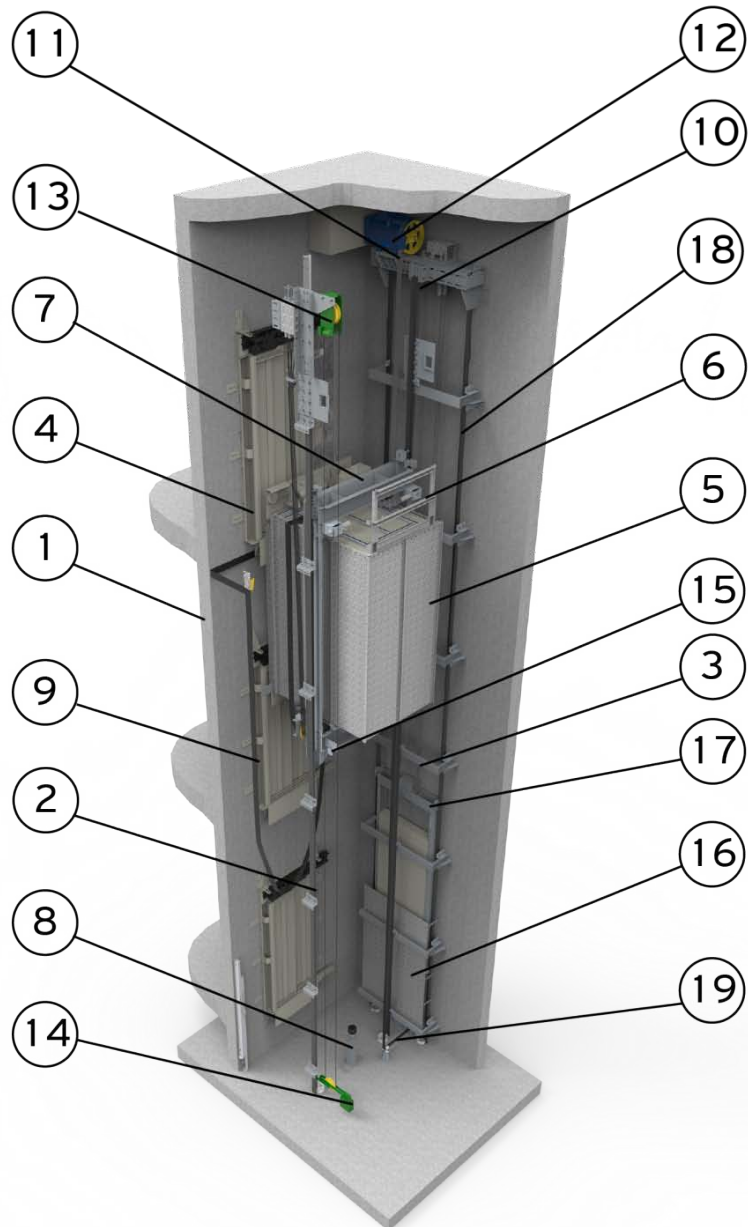
ECO 2 Car Lift

ECO 2 Cargo Lift

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3D Layout ECO2i/ ECO2is



1	Shaft Wall	11	Machine Base
2	Guide Rail	12	Gearless machine
3	Guide Rail Brackets	13	Overspeed Governor
4	Landing Doors	14	Tension Weight
5	Car	15	Car Sling Safety Gear
6	Ballustrade	16	Counterweight Protection Cover
7	Car Sling	17	Counterweight Sling
8	Buffer With Support	18	Counterweight Guiderails
9	Flexible Cable	19	Compensation Chain
10	Ropes		

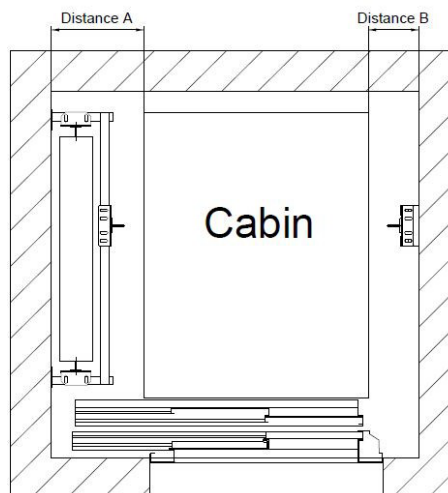
Technical Specifications ECO2i (1m/s)

Lift Type	Eco2i 1m/s (2:1)					
Max Capacity	300Kg	450Kg	630Kg	1000Kg	1600Kg	2000Kg
Min PIT EN81-20	1000mm	1000mm	1000mm	1000mm	1150mm	1150mm
Min PIT EN81-21	600mm*	600mm*	600mm*	600mm*	700mm*	700mm*
Min PIT Beyond EN81-20	600mm*	600mm*	600mm*	600mm*	700mm*	700mm*
Min. Headroom EN81-20	3350mm	3350mm	3350mm	3350mm	3750mm	3750mm
Min. Headroom EN81-21	x	2800mm	2800mm	2800mm	3000mm	3000mm
Min. Headroom Beyond EN81-20	2800mm	2800mm	2800mm	2800mm	3000mm	3000mm
Car guide Rails	T70x65x9	T70x65x9	T70x65x9	T82x68x09	T89x62x16	T114x89x16
CW guide Rails	T50x50x5	T50x50x5	T50x50x5	T50x50x5	T70x65x9	T70x65x9
Travel	30000mm**	30000mm**	30000mm**	30000mm**	30000mm**	30000mm**
Min. Distance A	405mm	405mm	405mm	405mm	475mm	495mm
Min. Distance B	195mm	195mm	195mm	200mm	195mm	205mm
Machine Pulley	Ø200	Ø210	Ø240	Ø240	Ø320	Ø320
Standard Shaft	1500x1350	1600x1600	1700x1750	1700x2450	2150x2800	2500x2800
Standard Cabin	900x1000	1000x1250	1100x1400	1100x2100	1450x2400	1750x2400
Standard Door	700mm 2PT	800mm 2PT	900mm 2PT	900mm 2PT	1200mm 2PT	1200mm 2PT

*For travel more than 30000mm, a compensation chain is added and the pit depth must be ≥ 1000 mm.

**Max travel without compensation chain 30000mm. Max travel with compensation chain 100000mm

- Max Load: 2000kg
- Max Speed 2,5m/s (pit depth and headroom might change)
- Low headroom
- Easy maintenance
- Smooth operation
- Competitive price
- Quick production and delivery times
- Automatic emergency operation in case of power failure as a standard.
- Controlled by variable frequency drive system which:
 - is extremely energy efficient,
 - operates almost silently,
 - gives passengers a smooth ride,
 - improves leveling accuracy
- Conformity with EN81-20/50, EN81-21 & EN81-1



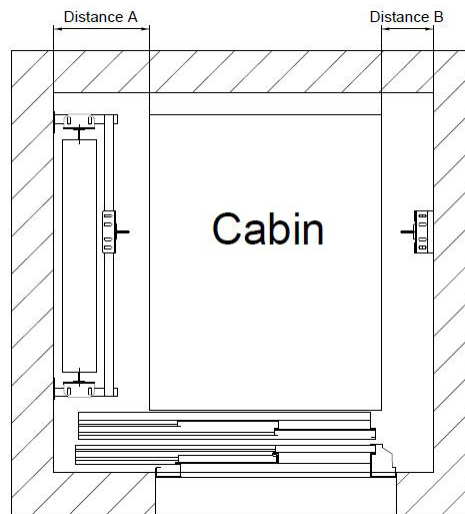
Technical Specifications ECO2i (1,6m/s)

Lift Type	Eco2i 1,6m/s (2:1)					
Max Capacity	300Kg	450Kg	630Kg	1000Kg	1600Kg	2000Kg
Min PIT EN81-20	1150mm	1150mm	1150mm	1150mm	1300mm	1300mm
Min PIT EN81-21	1050mm	1050mm	1050mm	1050mm	1050mm	1050mm
Min PIT Beyond EN81-20	950mm*	950mm*	950mm*	950mm*	950mm*	950mm*
Min. Headroom EN81-20	3550mm	3550mm	3550mm	3550mm	3950mm	3950mm
Min. Headroom EN81-21	x	3000mm	3000mm	3000mm	3200mm	3200mm
Min. Headroom Beyond EN81-20	3000mm	3000mm	3000mm	3000mm	3200mm	3200mm
Car guide Rails	T70x65x9	T70x65x9	T70x65x9	T82x68x09	T89x62x16	T114x89x16
CW guide Rails	T50x50x5	T50x50x5	T50x50x5	T50x50x5	T70x65x9	T70x65x9
Travel	30000mm**	30000mm**	30000mm**	30000mm**	30000mm**	30000mm**
Min. Distance A	405mm	405mm	405mm	405mm	475mm	495mm
Min. Distance B	195mm	195mm	195mm	200mm	195mm	205mm
Machine Pulley	Ø200	Ø210	Ø240	Ø240	Ø320	Ø320
Standard Shaft	1500x1350	1600x1600	1700x1750	1700x2450	2150x2800	2500x2800
Standard Cabin	900x1000	1000x1250	1100x1400	1100x2100	1450x2400	1750x2400
Standard Door	700mm 2PT	800mm 2PT	900mm 2PT	900mm 2PT	1200mm 2PT	1200mm 2PT

*For travel more than 30000mm, a compensation chain is added and the pit depth must be ≥ 1050 mm.

**Max travel without compensation chain 30000mm. Max travel with compensation chain 100000mm

- Max Load: 2000kg
- Max Speed 2,5m/s (pit depth and headroom might change)
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Technical Specifications ECO2is (1m/s)

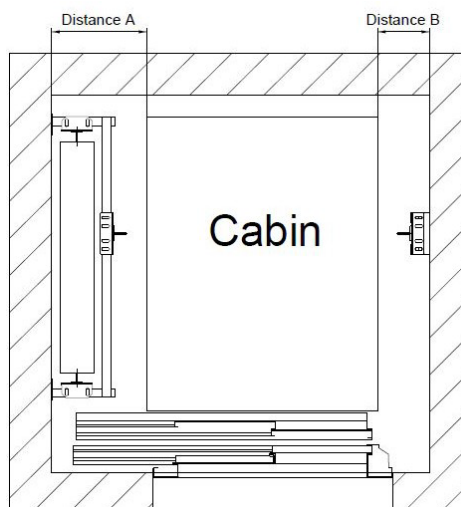
Lift Type	Eco2is 1m/s (2:1)			
Max Capacity	300Kg	450Kg	630Kg	1000Kg
Min PIT EN81-20	1000mm	1000mm	1000mm	1000mm
Min PIT EN81-21	400mm*	400mm*	400mm*	400mm*
Min PIT Beyond EN81-20	250mm*	250mm*	250mm*	250mm*
Min. Headroom EN81-20	3600mm	3600mm	3350mm	3350mm
Min. Headroom EN81-21	x	3300mm	3300mm	3300mm
Min. Headroom Beyond EN81-20	3300mm	3300mm	3300mm	3300mm
Car guide Rails	T70x65x9	T70x65x9	T70x65x9	T82x68x09
CW guide Rails	T50x50x5	T50x50x5	T50x50x5	T50x50x5
Travel	30000mm**	30000mm**	30000mm**	30000mm**
Min. Distance A	375mm	375mm	375mm	380mm
Min. Distance B	165mm	165mm	165mm	170mm
Machine Pulley	Φ240	Φ240	Φ240	Φ240
Standard Shaft	1440x1350	1540x1600***	1640x1750***	1640x2450
Standard Cabin	900x1000	1000x1250	1100x1400	1100x2100
Standard Door	700mm 2PT	800mm 2PT	900mm 2PT	900mm 2PT

*For travel more than 30000mm, a compensation chain is added and the pit depth must be ≥ 1000 mm.

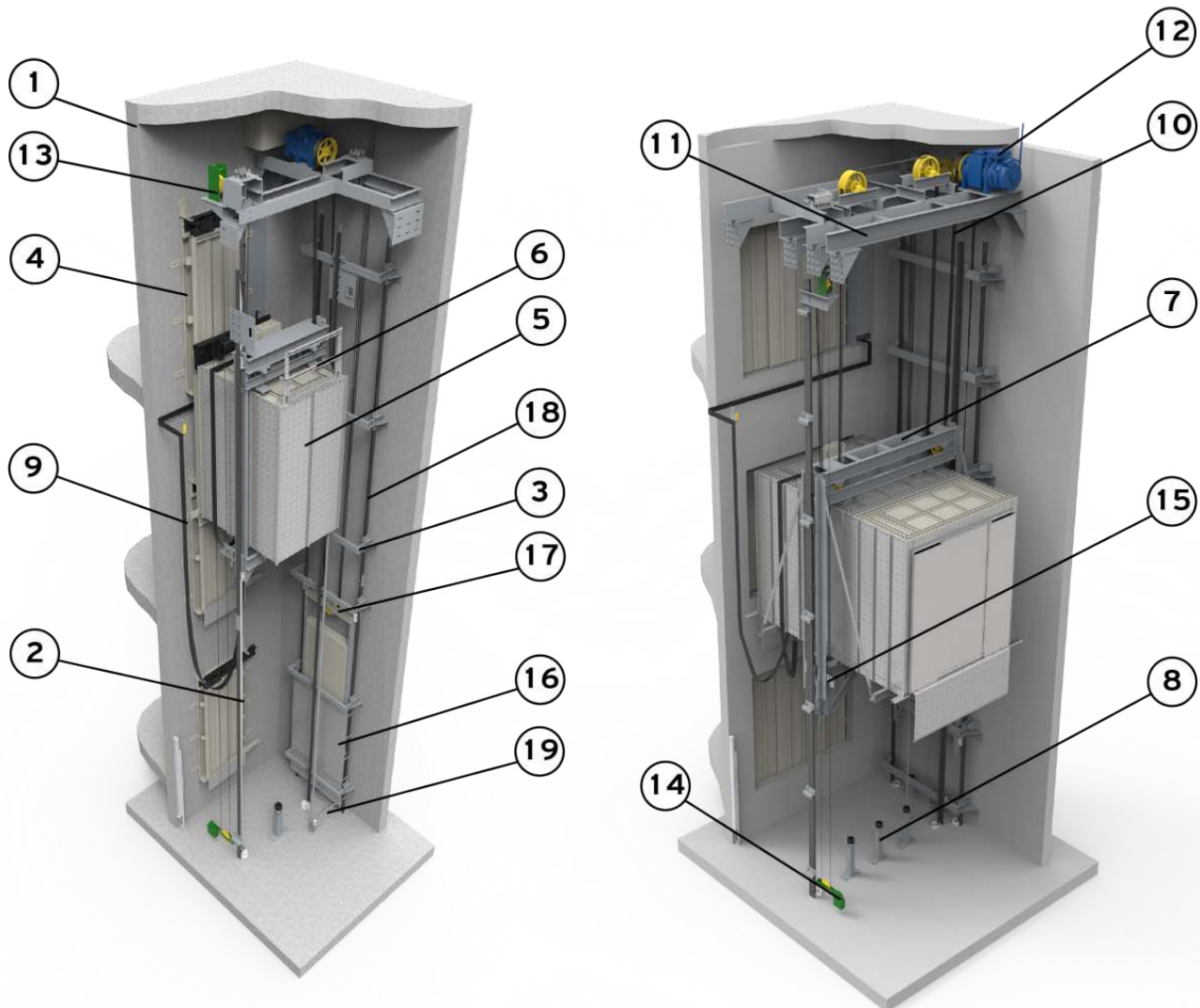
**Max travel without compensation chain 30000mm. Max travel with compensation chain 100000mm

***For lifts according to EN81-70 (DDA) the shaft must be 60mm wider

- Max Load: 1000kg
- Max Speed 1m/s
- Low pit
- Easy maintenance
- Smooth operation
- Competitive price
- Quick production and delivery times
- Automatic emergency operation in case of power failure as a standard.
- Controlled by variable frequency drive system which:
 - is extremely energy efficient,
 - operates almost silently,
 - gives passengers a smooth ride,
 - improves leveling accuracy
- Conformity with EN81-20/50, EN81-21 & EN81-1



3D Layout ECO2 Cargo/Car Lift



1	Shaft Wall	11	Machine Base
2	Guide Rail	12	Gearless machine
3	Guide Rail Brackets	13	Overspeed Governor
4	Landing Doors	14	Tension Weight
5	Car	15	Car Sling Safety Gear
6	Ballustrade	16	Counterweight Protection Cover
7	Car Sling	17	Counterweight Sling
8	Buffer With Support	18	Counterweight Guiderails
9	Flexible Cable	19	Compensation Chain
10	Ropes		

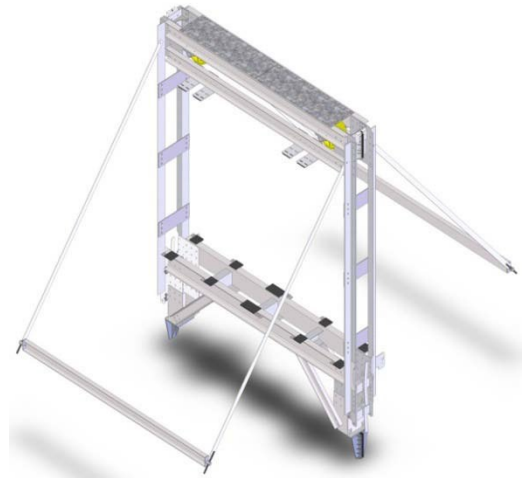
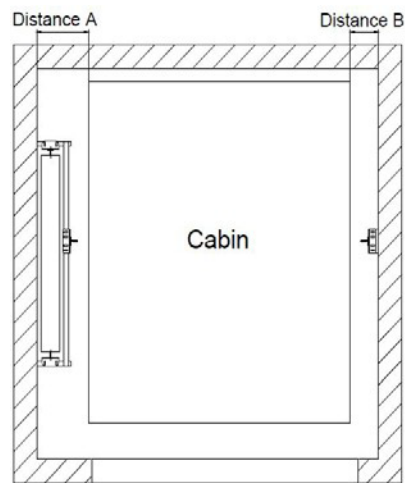
Technical Specifications: ECO2 Car Lift (1m/s) and ECO2 Cargo Lift (1m/s)

Lift Type	Eco2 Car Lift 1m/s (4:1) **	Eco2 Cargo Lift 1m/s (2:1)	Eco2 Cargo Lift 1m/s (4:1)		
			3000Kg	4000Kg	5000Kg
Max Capacity	3000kg -5000kg	2500kg	3000Kg	4000Kg	5000Kg
Min PIT EN81-20	x	1000mm	1750mm	1750mm	1750mm
Min PIT EN81-21	x	850mm	1500mm	1500mm	1500mm
Min PIT Beyond EN81-20	1500mm	850mm	1450mm	1450mm	1450mm
Min. Headroom EN81-20	x	4550mm	4550mm	4600mm	4600mm
Min. Headroom EN81-21	x	3800mm	4150mm	4150mm	4150mm
Min. Headroom Beyond EN81-20	4150mm	3800mm	4150mm	4150mm	4150mm
Car guide Rails	T127x89x16-3	T114x89x16	T114x89x16	T127x89x16-3	T127x89x16-3
CW guide Rails	T70x65x9	T70x65x9	T70x65x9	T70x65x9	T70x65x9
Travel	30000mm	30000mm	30000mm	30000mm	30000mm
Min. Distance A	550mm	550mm	550mm	550mm	550mm
Min. Distance B	250mm	250mm	250mm	250mm	250mm
Machine Pulley	Φ400	Φ320	Φ400	Φ400	Φ400
Standard Shaft	3800x6600	2600x3100	2650x3600	2800x4200	3200x4200
Standard Cabin	3000x6000	1800x2700	1850x3100	2000x3700	2400x3700
Standard Door	2400mm 4PC*	1600mm 4PC	1700mm 6PC	1800mm 6PC	2100mm 6PC

* Through car

** Beyond EN81-20/50, EN81-1 standard

- Max Load: more than 5000kg
- Max Speed 1m/s
- Easy maintenance
- Smooth operation
- Competitive price
- Quick production and delivery times
- Automatic emergency operation in case of power failure as a standard.
- Controlled by variable frequency drive system which:
 - is extremely energy efficient,
 - operates almost silently,
 - gives passengers a smooth ride,
 - improves leveling accuracy
- Conformity with EN81-20/50, EN81-21 & EN81-1



Πιστοποίηση/ Certification

