



**SKY LiFT**

**TECHNICAL DESIGN**

OF ELEVATORS

# PRIVATE LIFT

YOUR PERSONAL LIFT

## Main features:

- ▶ 1:1 Suspension ensures efficient use of shaft space
- ▶ Steel Ropes Ø 6,5 mm
- ▶ Three car doors are optional
- ▶ Excellent visibility - full glass walls as rear and one of the side wall
- ▶ Gearless drives made by leading European suppliers - modern technologies in energy efficiency
- ▶ Simple design - quick installation and troubleless operation
- ▶ EN 81-20, EN81-50, EN 81-21



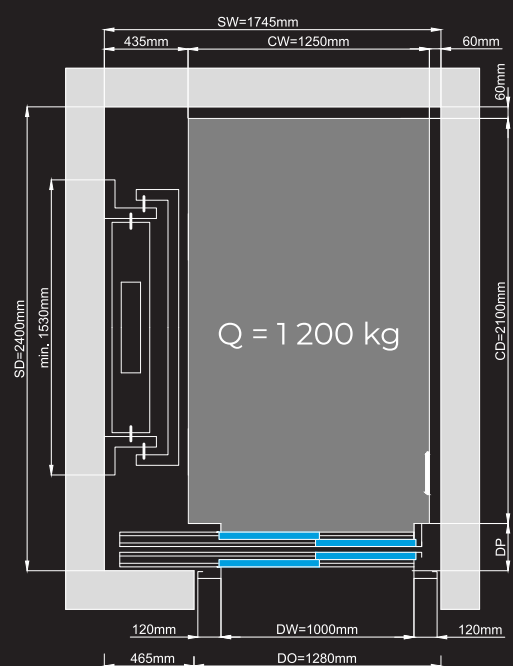
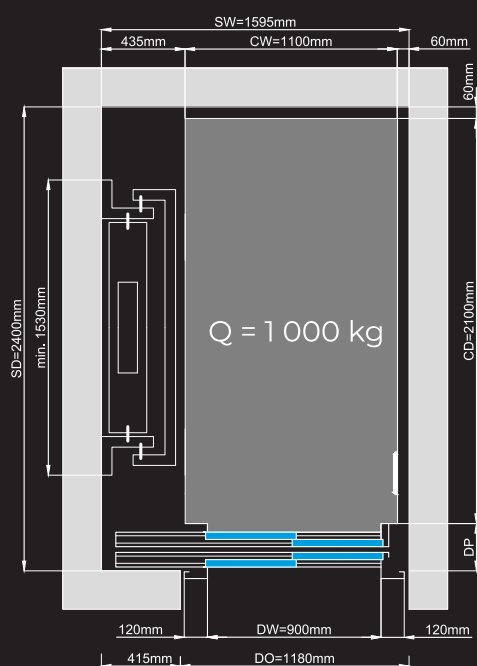
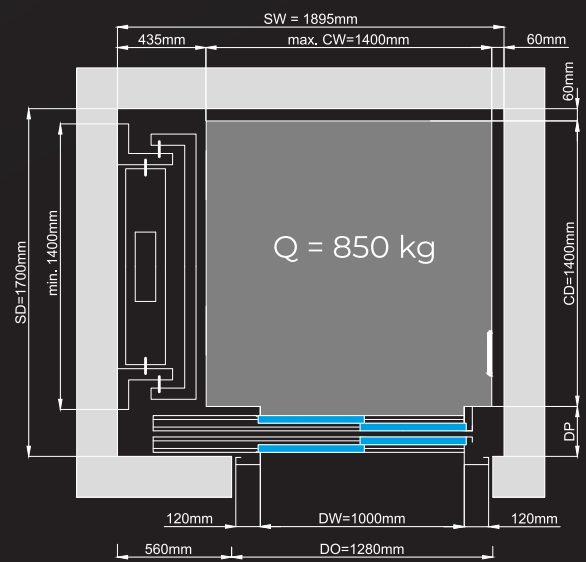
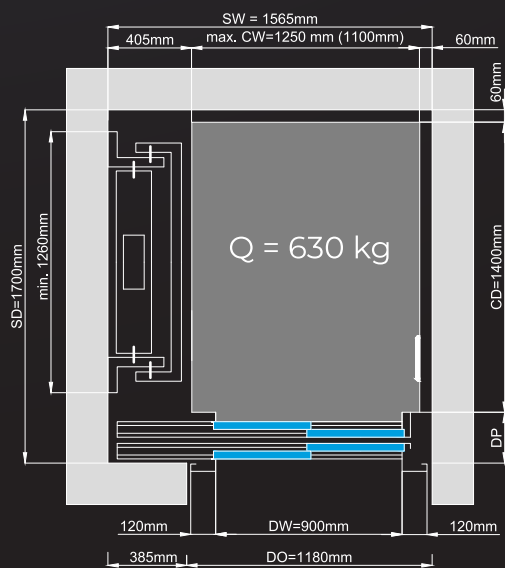
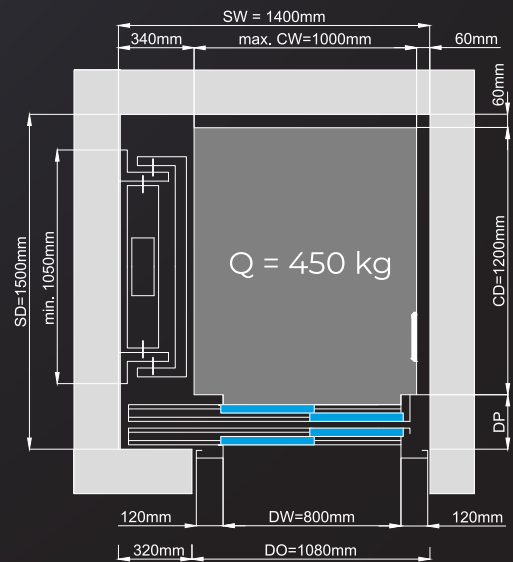
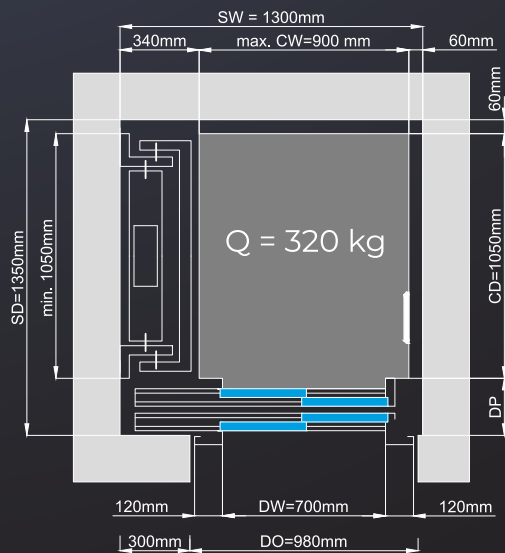
Design up to 630 kg

Duty load, kg	320	450	630	850	1 000	1 200
Passengers	4	6	8	11	13	16
Speed (v), m/s	0,63 - 1,6	0,63 - 1,6	0,63 - 1,6	0,63 - 1,6	0,63 - 1,6	0,63 - 1,6
Travel height (H), m	30	30	30	30	30	30
Min. pit depth (SP), mm *	360	360	600	600	600	600
Min. headroom (SH), mm **	3 000	3 000	3 350	3 350	3 350	3 350
Min. space for drive, mm	340	340	405	435	435	435
Min. shaft width (SW), mm	CW + 400	CW + 400	CW + 465	CW + 495	CW + 495	CW + 495
Car width (CW), mm	750 - 900	750 - 1 000	780 - 1 250	800 - 1 400	800 - 1 400	800 - 1 400
Min. internal car depth (CD), mm	1 050	1 050	1 300	1 400	1 600	1 600
Max. car internal height (CH), mm ***	2 450	2 450	2 450	2 450	2 450	2 450
Door width DW, (mm)	600 ... 800	600 ... 800	600 ... 1 000	600 ... 1 200	600 ... 1 000	600 ... 1 100

\* Pit depth indicated  
for v=1,0 m/s

\*\* Headroom height indicated  
for v=1,0 m/s and CH=2 000 mm

\*\*\* Car height over indicated  
dimensions is available on request



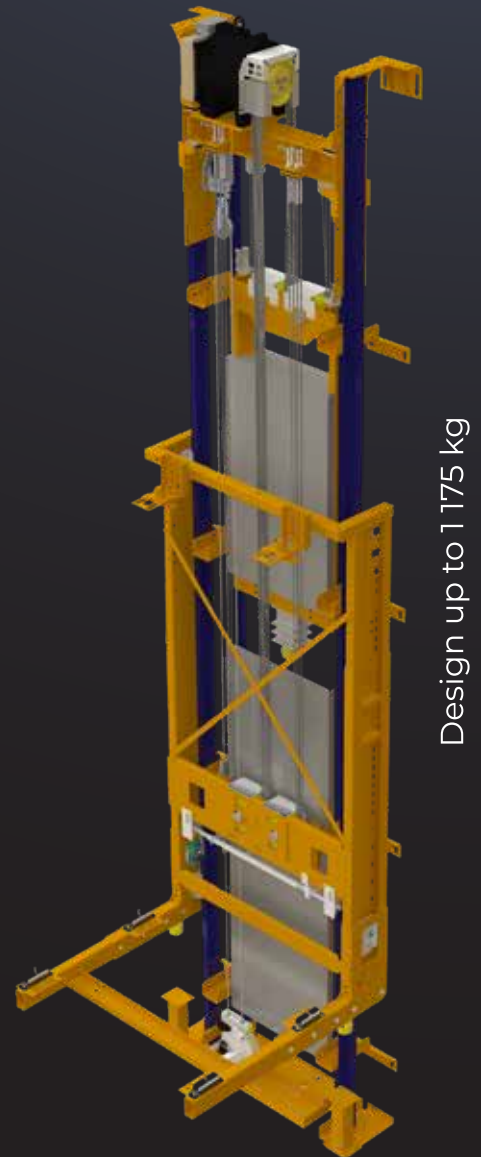
\* Distance between car and shaft wall 60mm for surface mounted COPs

# COMFORT

## SMART FUNCTIONALITY

### Main features:

- ▶ Long time-tested solution of suspension 2:1
- ▶ Three basic sizes of design for a wide range of capacities
- ▶ Up to 3 car doors
- ▶ Excellent visibility - full glass walls at rear and one of the side wall
- ▶ Gearless drives made by leading European suppliers - modern technologies in energy efficiency
- ▶ Reinforced structure - maximum car weight up to 1 400 kg by 1650kg duty load
- ▶ EN 81-20, EN81-50, EN 81-21

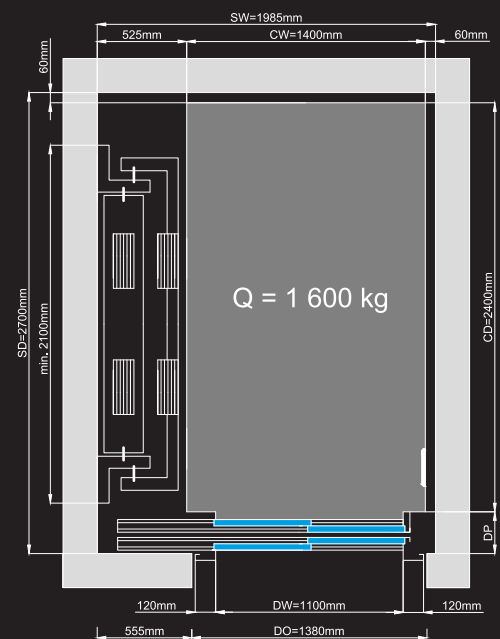
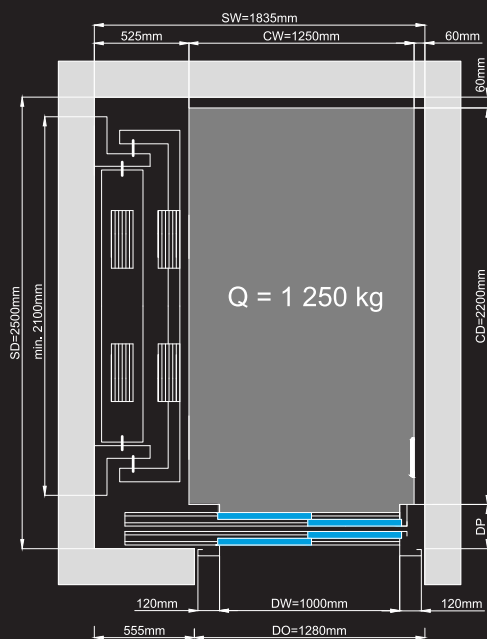
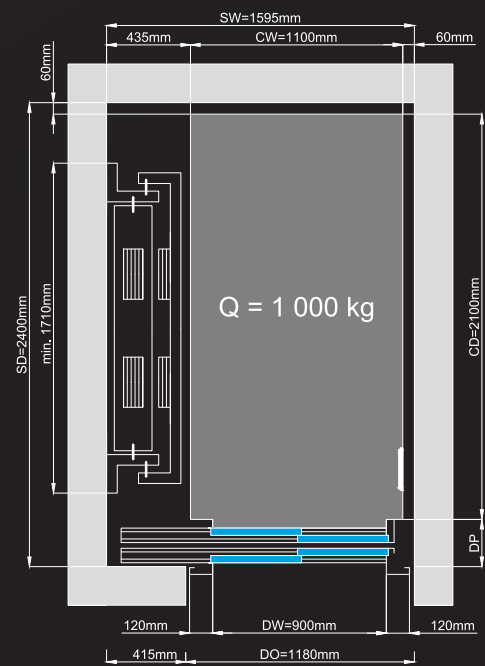
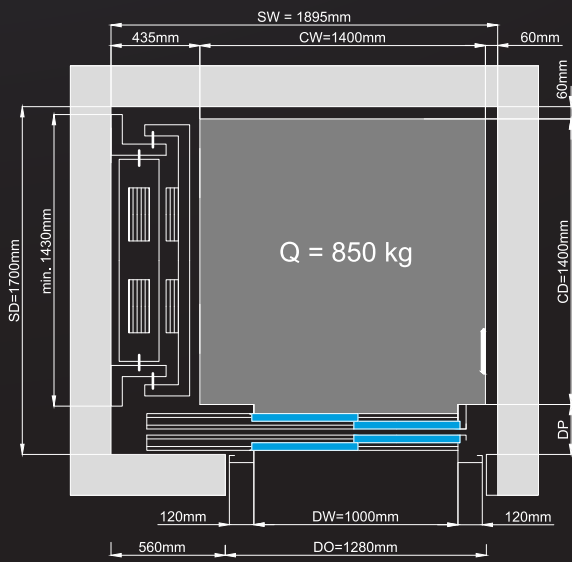
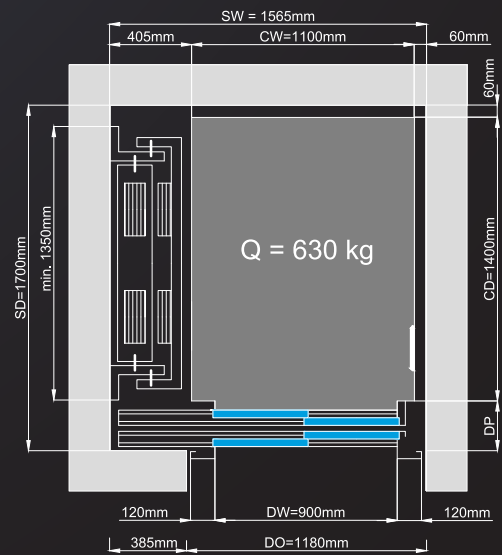
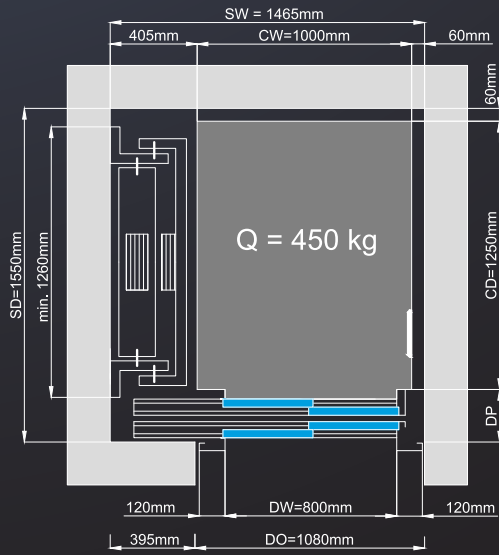


Duty load, kg	450	630	850	1175	1250	1650
Passengers	6	8	11	16	17	22
Speed (v), m/s	0,63 - 1,6	0,63 - 1,6	0,63 - 1,6	0,63 - 1,6	0,63 - 1,6	0,63 - 1,6
Travel height (H), m	45	45	45	45	45	45
Min. pit depth (SP), mm *	350	350	360	360	850	850
Min. headroom (SH), mm **	2 400	2 400	2 400	2 400	2 680	2 680
Min. space for drive, mm	405	405	435	435	525	525
Min. shaft width (SW), mm	CW + 465	CW + 465	CW + 495	CW + 495	CW + 585	CW + 585
Car width (CW), mm	750 - 1 000	780 - 1 250	800 - 1 400	800 - 1 600	1 000 - 1 400	1 000 - 1 400
Min. internal car depth (CD), mm	1 150	1 350	1 400	1 700	2 100	2 100
Max. car internal height (CH), mm ***	2 650	2 650	2 650	2 650	2 650	2 650
Door width DW, (mm)	600 ... 800	600 ... 900	600 ... 1 000	600 ... 1 200	600 ... 1 300	800 ... 1 400

\* Pit depth indicated  
for v=1,0 m/s

\*\* Headroom height indicated  
for v=1,0 m/s and CH=2 000 mm

\*\*\* Car height over indicated  
dimensions is available on request



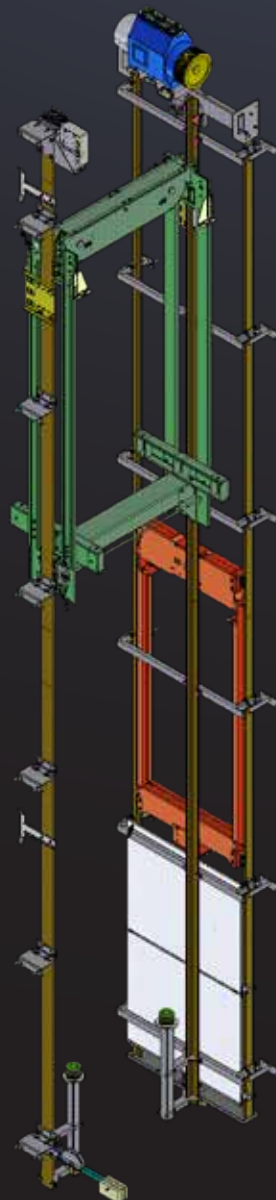
\* Distance between car and shaft wall 60mm for surface mounted COPs

# BASIC

OUR ALLROUNDER

## Main features:

- ▶ Central guided frame with suspension 2:1 and duty load up to 2 500 kg
- ▶ Modularity of the design allows the using of various components
- ▶ Steel Ropes Ø 6,5 and 8 mm
- ▶ Drives from leading european suppliers
- ▶ Roller guides for oil free rails by panoramic cases
- ▶ Short delivery time and competitive price
- ▶ EN 81-20, EN81-50, EN 81-21



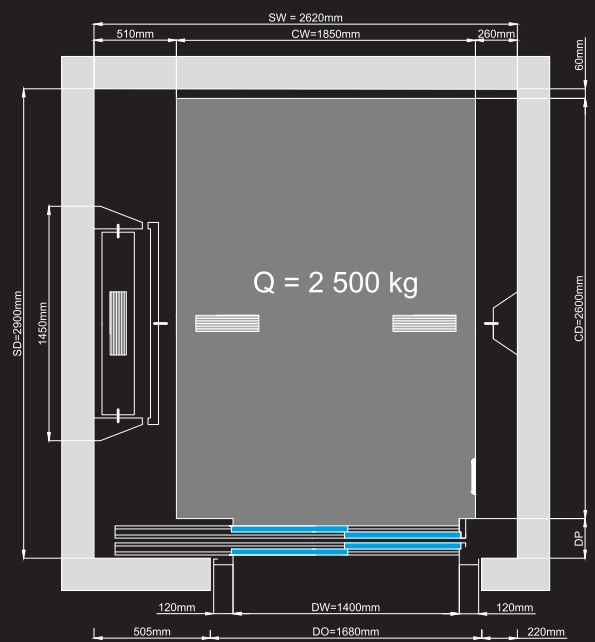
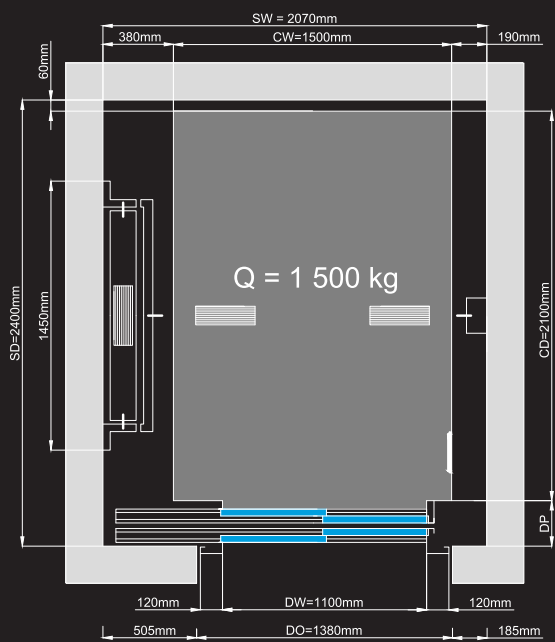
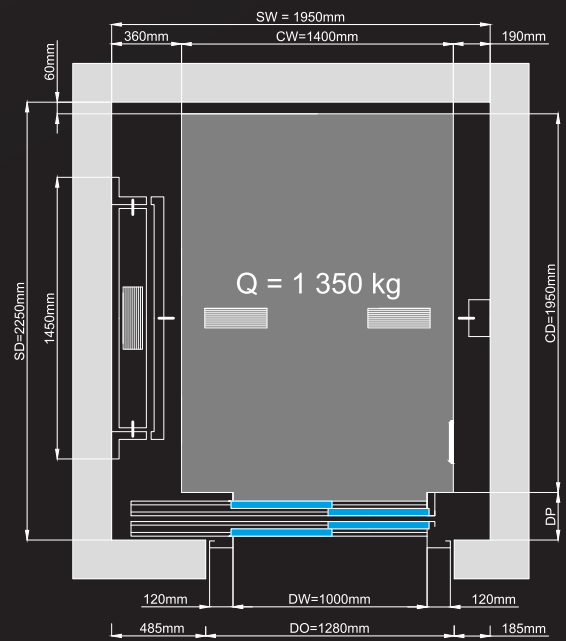
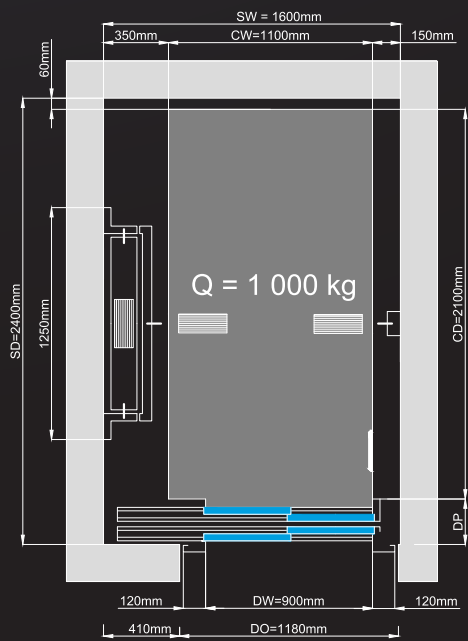
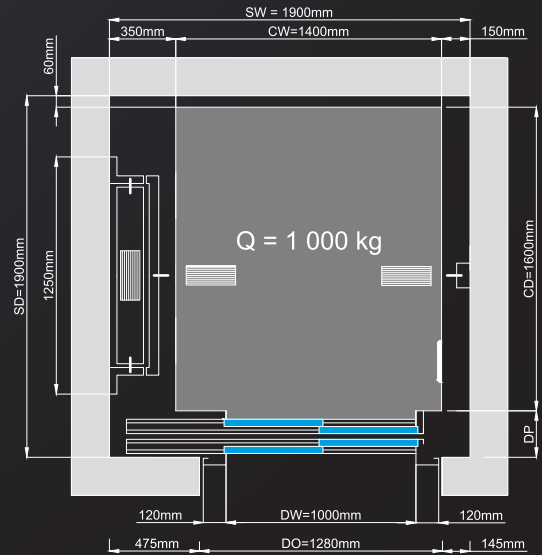
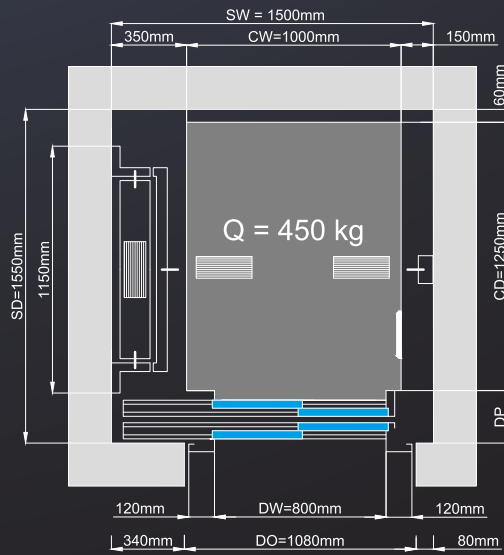
Design up to 1 250 kg

## Standard execution

Duty load, kg	450	630	1 000	1 350	1 500	2 500
Passengers	6	8	13	18	20	27
Suspension	2:1	2:1	2:1	2:1	2:1	2:1
Speed (v), m/s	0,63 - 1,6	0,63 - 1,6	0,63 - 1,6	0,63 - 1,6	0,63 - 1,6	0,63 - 1,0
Travel height (H), m	45	45	45	45	45	45
Min. pit depth (SP), mm *	500	500	500	550	550	550
Min. headroom (SH), mm **	2 600	2 600	2 600	2 750	2 750	3 600
Shaft width (SW), mm	CW + 500	CW + 500	CW + 500	CW + 550	CW + 570	CW + 760

\* Pit depth indicated for v=1,0 m/s

\*\* Headroom indicated for v=1,0 m/s and CH=2 000 mm

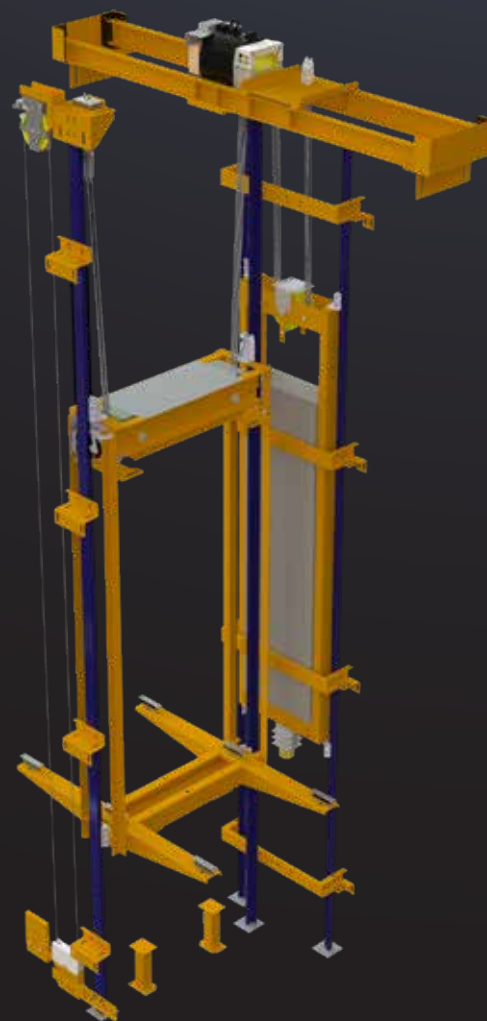


# BASIC

## OUR ALLROUNDER

### Main features:

- ▶ Unique design - central guided frame with suspension 2:1 and duty load up to 3 000 kg
- ▶ Modularity of the design allows using of various components
- ▶ High quality riding due to multi-stage isolation and high metal consumption of elements
- ▶ Height reserve of stability is an indispensable basis for heavy panoramic cars
- ▶ Drives only from Ziehl Abegg, Germany
- ▶ Approved by long time testing - steel ropes and big pulleys
- ▶ Roller guides for oil free rails by panoramic cases
- ▶ EN 81-20, EN81-50, EN 81-21



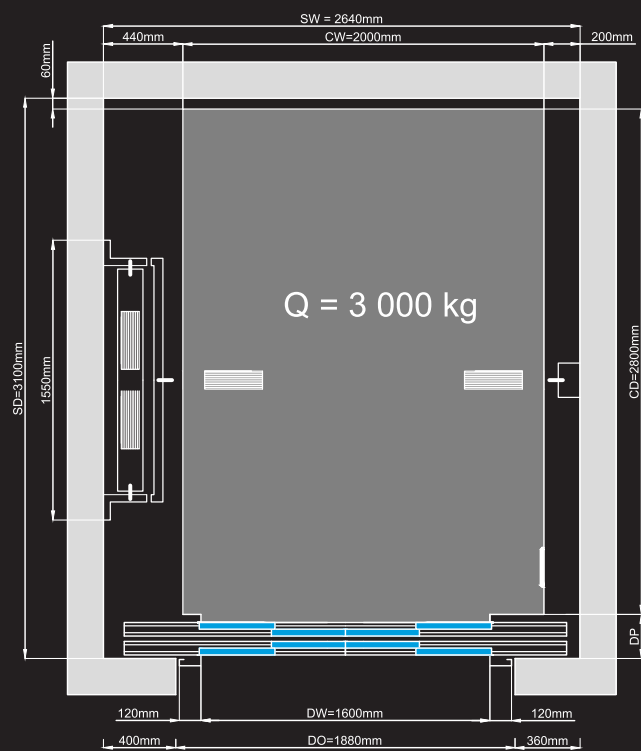
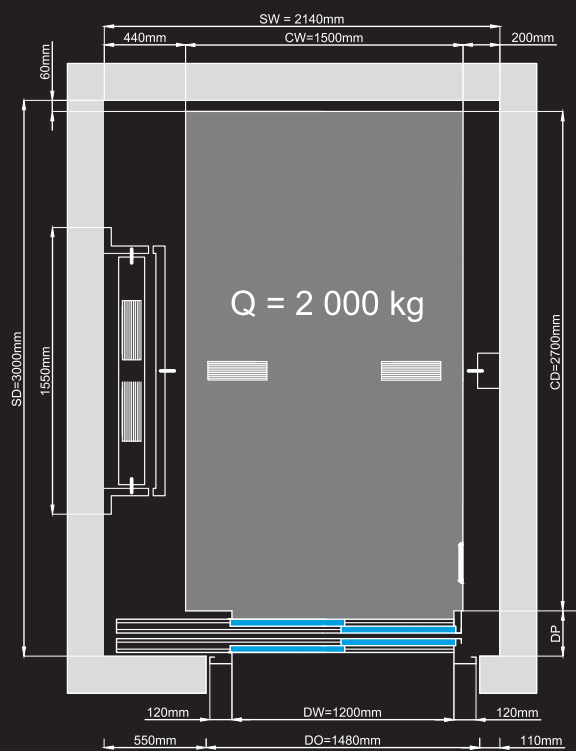
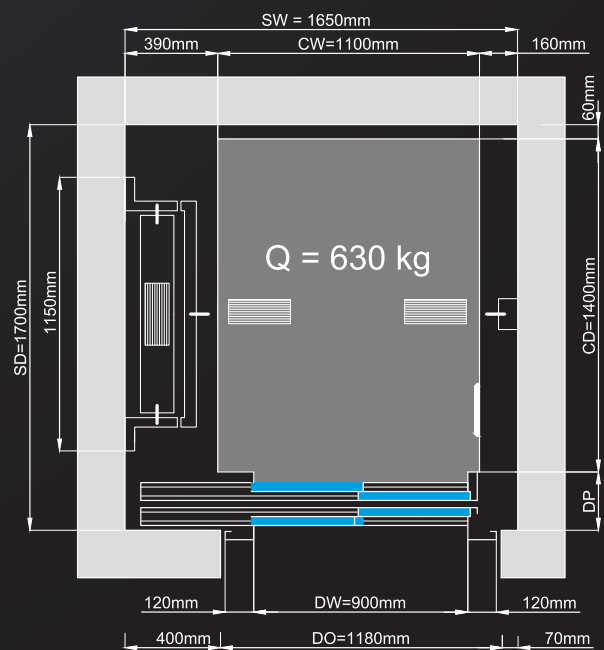
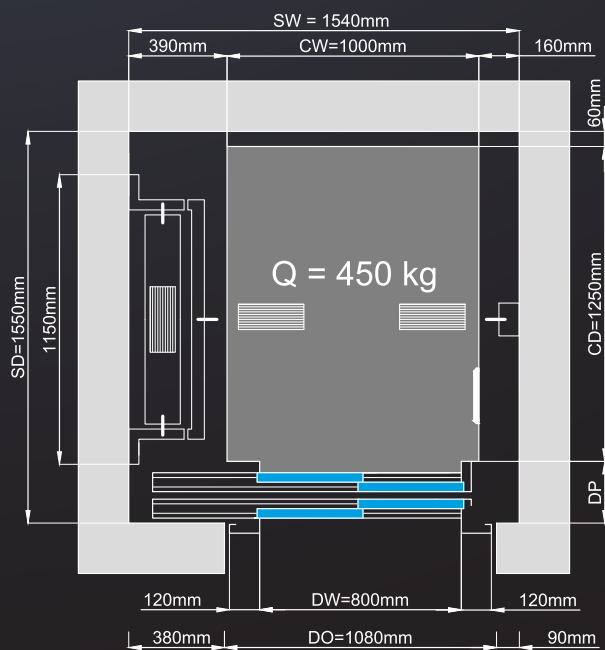
Design up to 1 250 kg

### High class execution

Duty load, kg	450	630	1 175	1 250	2 000	3 000
Passengers	6	8	16	17	27	40
Suspension	2:1	2:1	2:1	2:1	2:1	2:1
Speed (v), m/s	1,0 - 2,0	1,0 - 2,0	1,0 - 2,0	1,0 - 2,0	0,63 - 2,0	0,5 - 1,6
Travel height (H), m	75	75	75	75	75	75
Min. pit depth (SP), mm *	450	450	450	750	750	750
Min. headroom (SH), mm **	3 325	3 325	3 325	3 475	3 475	3 475
Shaft width (SW), mm	CW + 550	CW + 550	CW + 550	CW + 640	CW + 640	CW + 640

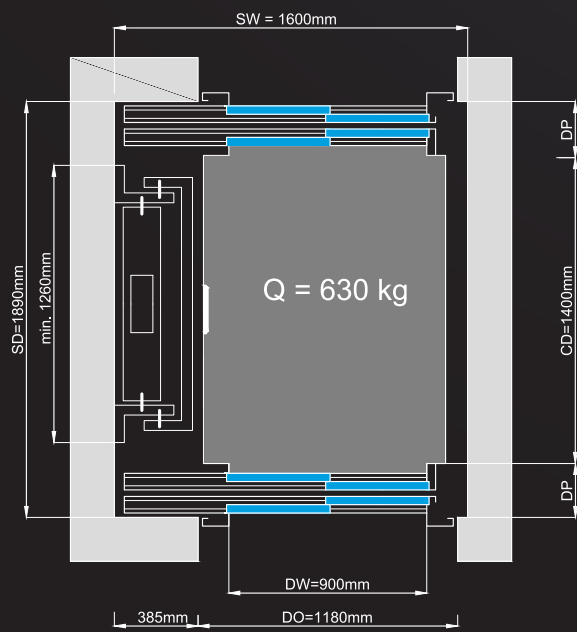
\* Pit depth indicated for v=1,0 m/s

\*\* Headroom indicated for v=1,0 m/s and CH=2 000 mm

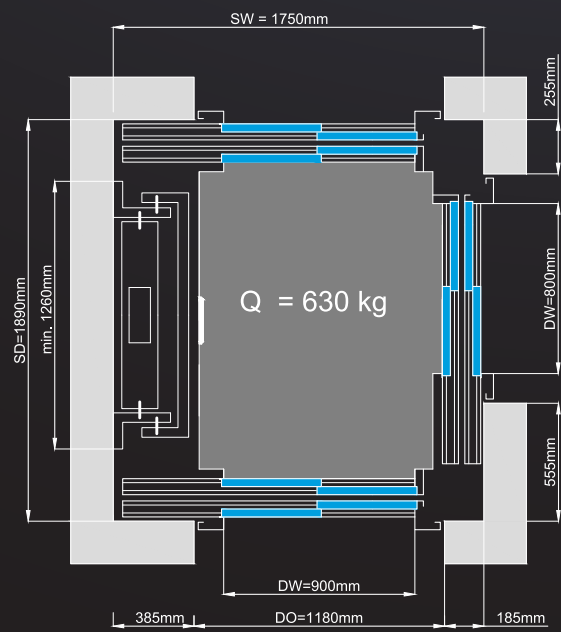


# Different technical solutions

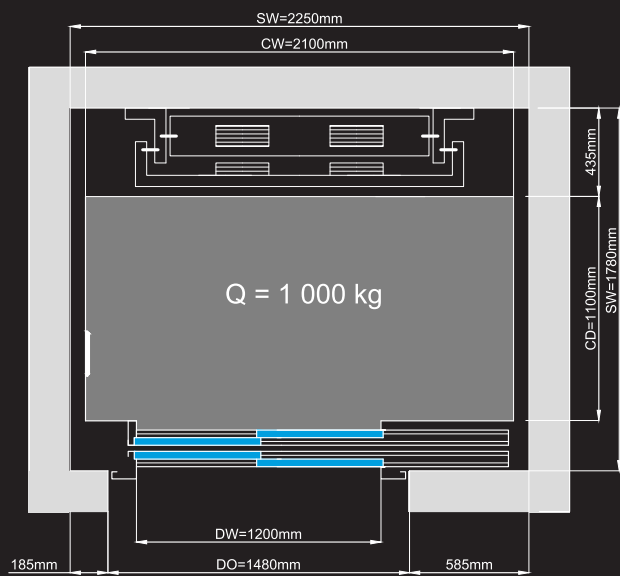
Open through with 2 doors



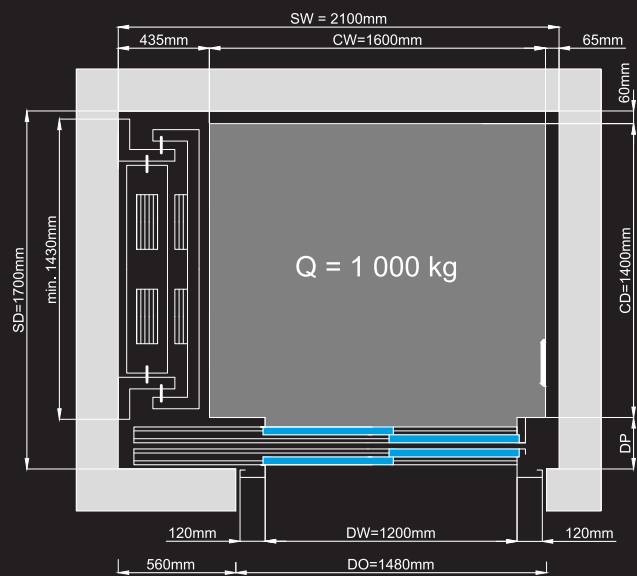
... or even with 3



Wide car on cantilevered rear frame

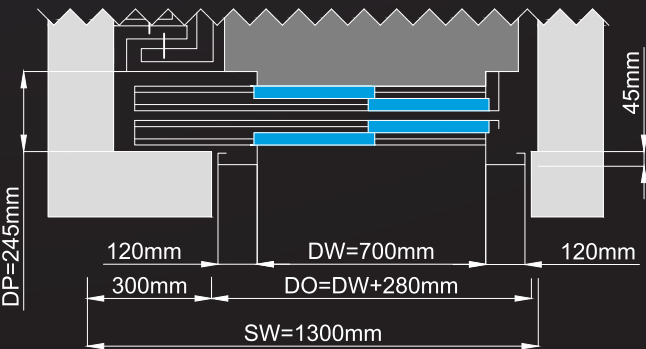
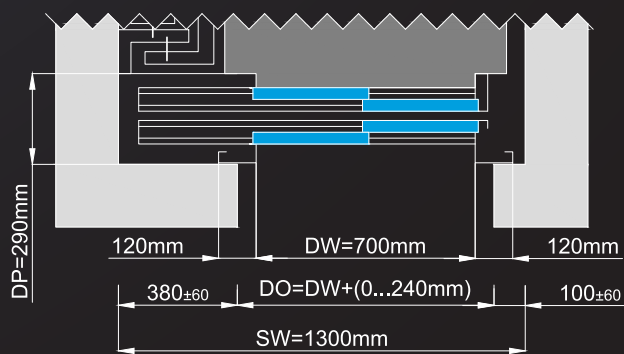


Wide car on cantilevered side frame

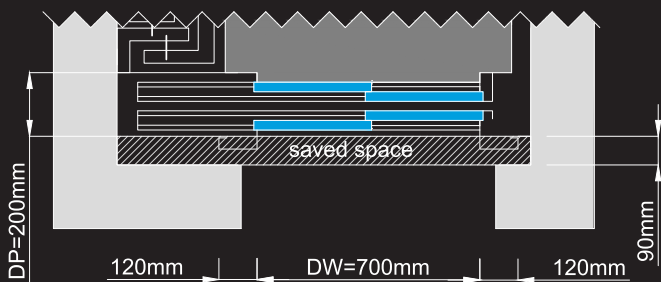


# Door packages

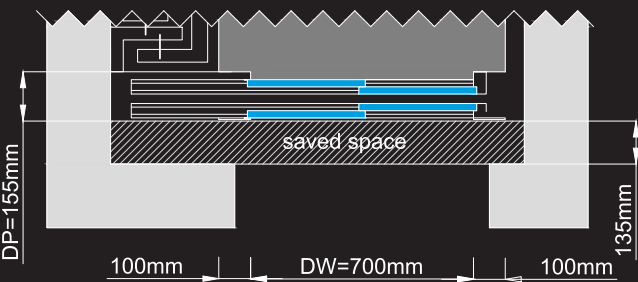
Installation  
in the shaft



Installation  
on the floor

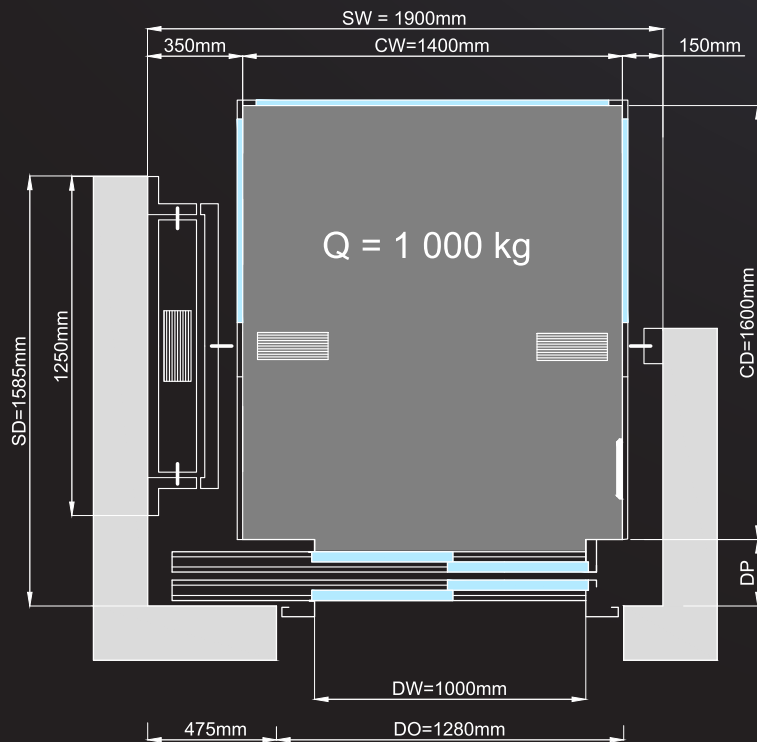


Slim  
package



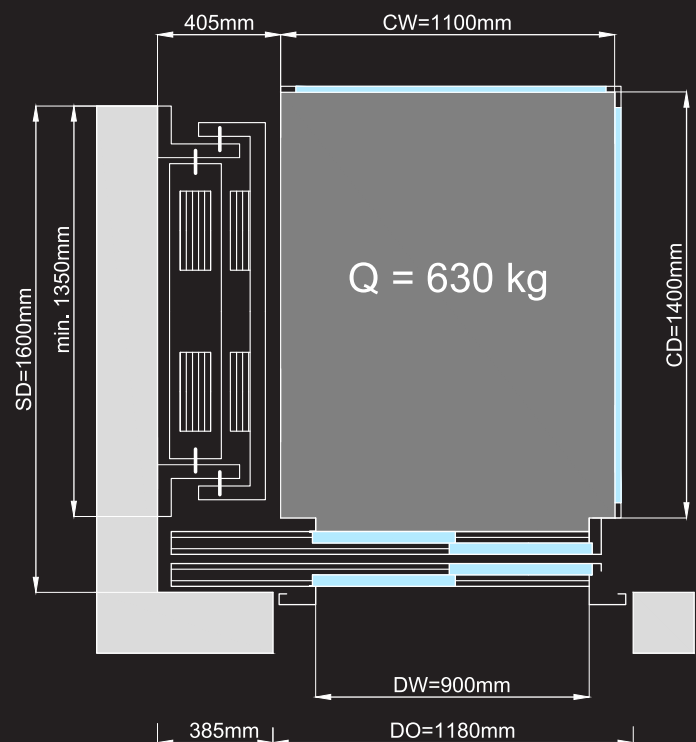
Super slim  
package

# Standard panoramics



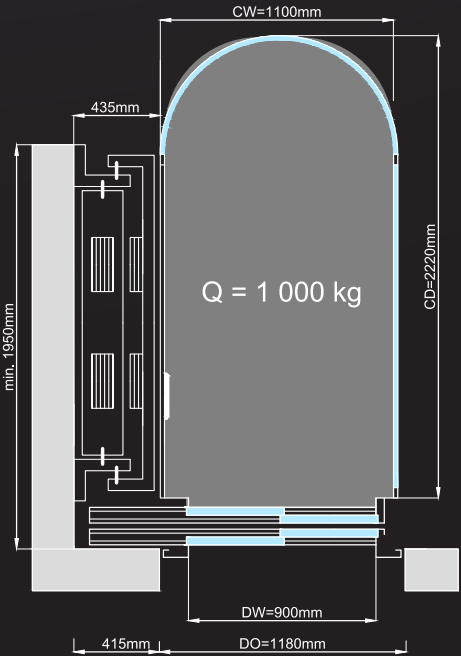
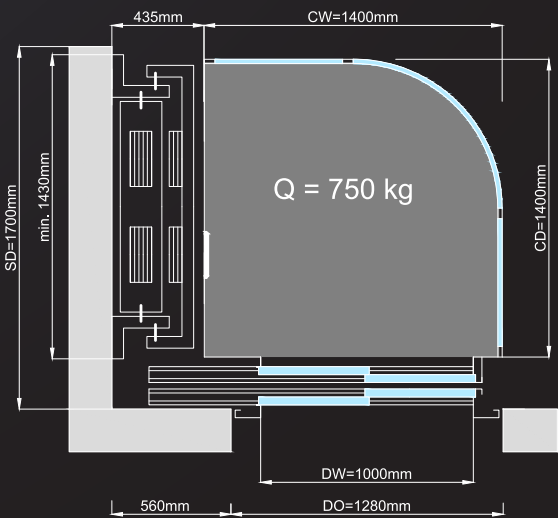
... with central  
guided frame

... with  
cantilevered  
frame

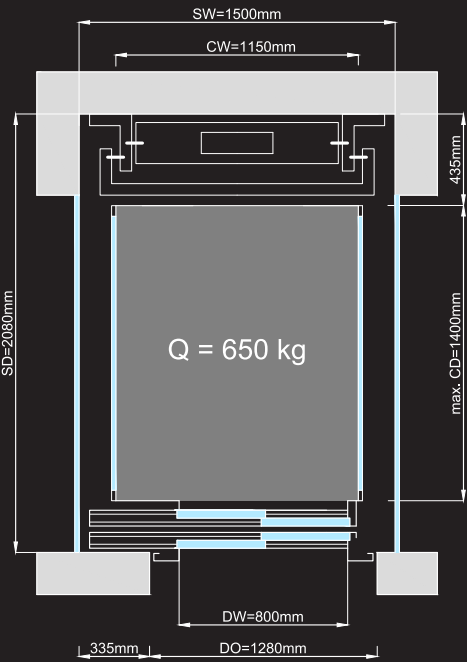


# Special Panoramics

Rounded  
corner



Half round  
rear wall



Full glass  
side walls



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