



ΑΦΟΙ Π.

ΚΑΜΠΑΪΛΗ

ΣΥΣΤΗΜΑΤΑ ΑΝΕΛΚΥΣΤΗΡΩΝ

est. 1967

ΒΕΡΟΙΑ | ΕΔΕΣΣΑ | ΝΑΟΥΣΑ

Freight Lifts



KLEEMANN
Your 1st Choice in Lifts

Goods Passenger Lifts

KLEEMANN goods-passenger lifts are extremely durable and designed to fulfill any project's requirements. They can handle any load up to 15,000kg, which makes them the perfect solution for applications in industrial buildings, plants, warehouses, super markets, shops etc.

Features

- Anti-vandal pushbuttons
- Protective bumper rails (inox, painted metal sheet)
- Emergency car trap door
- 3D or 2D infra-red light door detector
- High stopping accuracy
- VWF automatic doors
- Microprocessor controller according to Lift Directive 95/16 EC (SABP or collective control operation)
- Heavy duty types of door sill tracks chosen according to rated load:



Bed Lifts

KLEEMANN Bed lifts are the ideal solution for applications in Hospitals, Clinics, Health centers etc. Their flexible design and manufacturing process provide them with the unique capability to be customized according to the building's health and safety requirements.

Features

- Protective bumper rails (inox, painted metal sheet)
- Battery operated automatic emergency release procedure in case of power failure
- 3D or 2D infra-red light door detector
- Emergency car trap door
- Speed up to 1m/s
- High stopping accuracy
- Microprocessor controller according to Lift Directive 95/16 EC (SABP or collective control operation)
- VWF automatic doors
- Elastic Anti-microbiotic floor
- Floor without corners
- Option for Discrete cabin lights. More tolerant for patients in beds



Car Lifts

KLEEMANN Car Lifts have high strength and maximum durability, while they operate highly reliable. They also provide smooth and quiet movement for both car and passenger and they can lift up to 6 tons. Car Lifts are suitable solutions for car parking stations and industrial and commercial buildings.

Features

- Protective bumper rails (inox, painted metal sheet)
- Battery operated automatic emergency release procedure in case of power failure
- Overload detection
- Two car operating panel (open through configurations)
- Light fittings with fluorescent flush lighting (O10 ceiling)
- 3D or 2D infra-red light door detector
- Remote controls
- VWF automatic doors
- Cabin and door robustness
- High stopping accuracy
- Microprocessor controller according to Lift Directive 95/16 EC (SABP or collective control operation)
- Heavy duty types of door sill tracks chosen according to rated load.



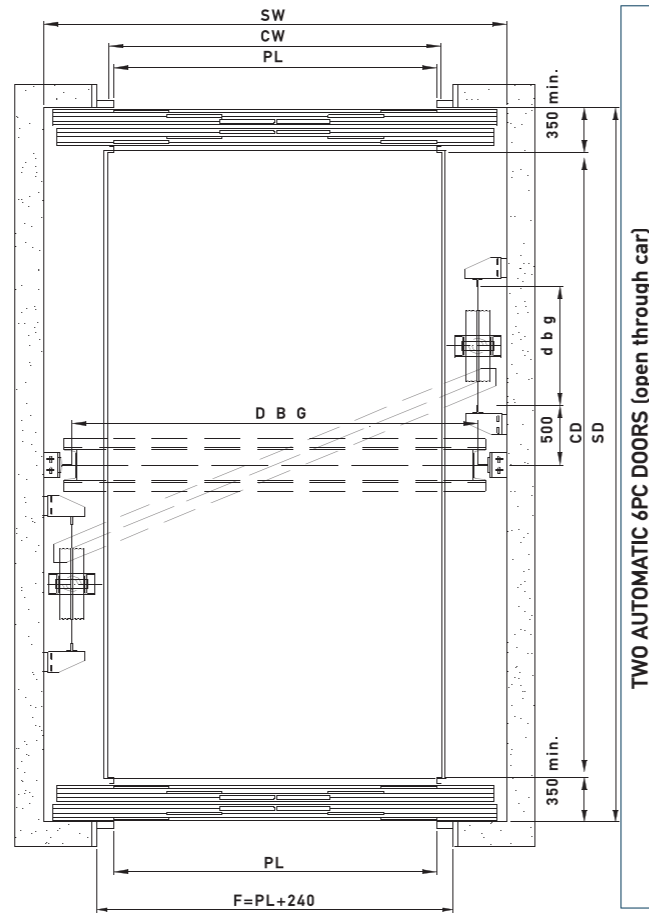
Special notices

- i) Car, car sling, ropes (1:2 acting), safety gear (1:2 acting), guide rails, pipe rupture valve and buffers selection according to point 5.4.2.2.4 of EN 81-20, i.e. according to corresponding rated loads resulting from EN 81-20 table 6 (shown in parenthesis).
- ii) Clear internal door height 2100 mm.
- iii) Minimum required pit depths for HAD 1:1 actings may differ from the above stated ones in case of job specific pit borehole possibly needed (i.e. case of telescopic rams).
- iv) For cases of existing pit depths and headrooms smaller than the above stated, please contact our sales department.

- * Tolerances 0/+20 mm
- ** Values to comply with EN 81-20 required manspace
- *** Values underside shaft lifting beam to comply with EN 81-20 required manspace, assuming: a) 150mm maximum suggested car overtravels at the utmost top lift level b) 2200 mm clear internal car height measured from car floor to underside the car ceiling

Notices

- i) Shaft plan views shown are indicative of HADI 1:2 twin ram indirect lateral side acting
- ii) Shaft structural openings (suggested) = $F + 60$ (mm)
- iii) Max Speed 0,5m/s
- iv) Max Travel 26m



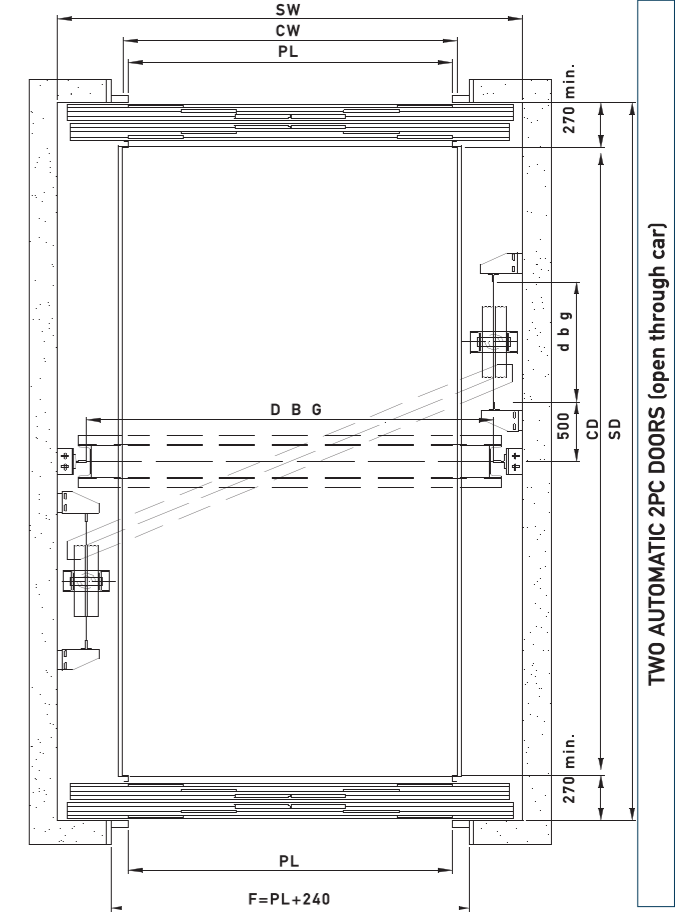
Special notices

- i) Clear internal door height 2000 or 2100 mm.
- ii) Minimum required pit depths for HAD 1:1 actings may differ from the above stated ones in case of job specific pit borehole possibly needed (i.e. case of telescopic rams).
- iii) For cases of existing pit depths and headrooms smaller than the above stated please contact our sales department.

- * Tolerances +20 mm
- ** Car suitable also for wheelchair not allowing its full maneuverability
- *** Values to comply with EN 81-20 required manspace
- **** Values underside shaft lifting beam to comply with EN 81-20 required manspace, assuming: a) 150mm maximum suggested car overtravels at the utmost top lift level b) 2150 mm clear internal car height measured from car floor to underside the car ceiling

Notices

- i) Shaft plan views shown are indicative of HAI 1:2 single ram indirect side acting
- ii) Shaft structural openings (suggested) = $F + 60$ (mm)
- iii) Max Speed 0,5m/s
- iv) Max Travel 26m



Dimensions of Hydraulic Car Lifts Indirect Twin Ram Lateral Side Acting (HADI 1:2) or Twin Ram Direct Lateral Side Acting (HAD 1:1) **6-Panel Central Opening Automatic Doors**

RATED LOAD (Kg) (Minimum)	MAX CAR AVAILABLE (m ²)	INTERNAL CLEAR CAR DIMENSIONS (mm)		CLEAR DOOR WIDTH (PL) (mm)	MINIMUM INTERNAL PLUMB SHAFT DIMENSIONS (mm)*			PIT DEPTH (mm)**	HEADROOM (mm)**
		CAR WIDTH (CW)	CAR DEPTH (CD)		SW (WIDTH)	SHAFT DEPTH (SD) ONE DOOR	TWO DOORS*		
3000 (6025)	10.64	2300	4600	2200	3200	5100	5350	1500	3600
3500 (7275)	12.64	2300	5450	2200	3200	5950	6200	1600	3600
4000 (8525)	14.64	2500	5800	2400	3400	6300	6550	1600	3600
4500 (9775)	16.64	2700	6100	2400	3800	6600	6850	1600	4000
5000 (11025)	18.64	2900	6350	2500	4000	6850	7100	1600	4000
5500 (12275)	20.64	3100	6600	2500	4200	7100	7350	1600	4000
6000 (13525)	22.64	3300	6800	2500	4400	7300	7550	1600	4000

Dimensions of Hydraulic Bed Lifts Indirect Single Ram Side Acting (HADI 1:2) or Direct Single Ram Side Acting (HAD 1:1) **2-Panel Telescopic Opening Automatic Doors**

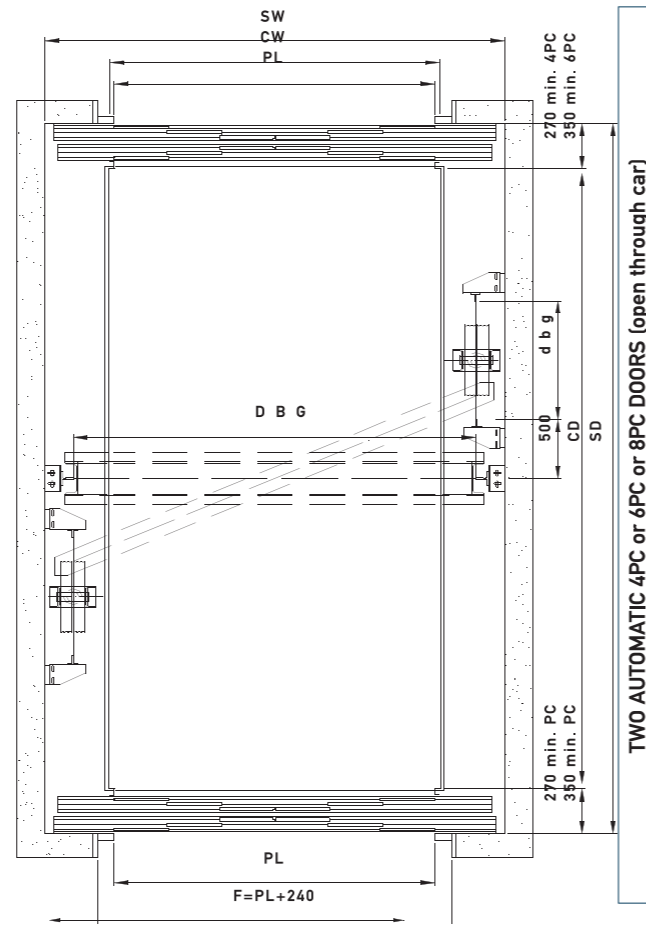
INTENDED USE	RATED LOAD (Kg)	MAX CAR AVAILABLE (m ²)	INTERNAL CLEAR CAR DIMENSIONS (mm)		CLEAR DOOR WIDTH PL (mm)	MINIMUM INTERNAL PLUMB SHAFT DIMENSIONS (mm)*			PIT DEPTH (mm)**	HEADROOM (mm)**
			CAR WIDTH (CW)	CAR DEPTH (CD)		SHAFT WIDTH	SHAFT DEPTH (SD) ONE DOOR	TWO DOORS*		
ACC. TO EN 81-20 TABLE 7 (TABLE 6)		ACC. TO EN 81-20 TABLE 6	CAR WIDTH (CW)	CAR DEPTH (CD)	WIDTH PL (mm)	SHAFT WIDTH	SHAFT DEPTH (SD) ONE DOOR	TWO DOORS*		
BED: 600 x 2000mm* + 1 ATTENDANT *	1000	2.4	1100	2100	900	1650	2500	2650	1500	3600
BED: 900 x 2000mm + 1 ATTENDANT *	1275	2.95	1200	2300	1100	1900	2700	2850	1500	3600
BED: 900 x 2000mm + 2 ATTENDANTS *	1600	3.56	1400	2400	1300	2200	2800	2950	1500	3600
BED: 1000 x 2300mm + 2 ATTENDANTS *	2000	4.2	1500	2700	1300	2800	3050	3150	1600	4000
BED: 1000 x 2300mm + 3 ATTENDANTS * + ADDITIONAL INSTRUMENTS *	2500	5	1800	2700	1400	3000	3050	3150	1600	4000

Special notices

- i) Car, car sling, ropes (1:2 acting), safety gear (1:2 acting), guide rails, pipe rupture valve and buffers selection according to point 8.2.2.3 of EN 81-20, i.e. according to corresponding rated loads resulting from EN 81-20 table 1.1 (shown in parenthesis).
 - ii) Clear internal door height 2000 or 2100 mm
 - iii) Minimum required pit depths for HAD 1:1 actings may differ from the above stated ones in case of job specific pit borehole possibly needed (i.e. case of telescopic rams).
 - iv) For goods/passenger lifts over 10.000 kg rated load or cases of existing smaller pit depths and headrooms please contact our sales department.
- * Tolerances 0/+20 mm
 ** Values to comply with EN 81-20 required manspace
 *** Values underside shaft lifting beam to comply with EN81-2 required manspace, assuming:
 a) 150mm maximum suggested car overtravels at the utmost top lift level
 b) 2150 mm clear internal car height measured from car floor to underside the car ceiling

Notices

- i) Shaft plan views shown are indicative of HADI 1:2 twin ram indirect lateral side acting with 6PC doors
- ii) Shaft structural openings (suggested) = F + 60 (mm)
- iii) Max Speed 0,5m/s
- iv) Max Travel 26m



Rated load

750 kg - 1600 kg
 1600 kg up to 2000 kg
 Above 2000 kg up to 10.000 kg

Recommended sill

Reinforced Aluminum Sill
 Iron or Stainless Steel Sill
 Iron or Stainless Steel Solid (massif) Sill

Dimensions of Goods/Passenger Lift Indirect Twin Ram Lateral Side Acting (HADI 1:2) or Twin Ram Direct Lateral Side Acting (HAD 1:1) **4-Panel, 6-Panel or 8-Panel Central Opening Automatic Doors**

RATED LOAD (Kg) (Minimum)	MAX CAR AVAILABLE (m ²) ACC. TO EN 81-20 TABLE 7 (m ²)	INTERNAL CLEAR CAR DIMENSIONS (mm)		CLEAR DOOR WIDTH (PL) (mm)	MINIMUM INTERNAL PLUMB SHAFT DIMENSIONS (mm)*			PIT DEPTH (mm)**	HEADROOM (mm)**
		CAR WIDTH (CW)	CAR DEPTH (CD)		SW (WIDTH)	SHAFT DEPTH (SD) ONE DOOR TWO DOORS*			
1500 (2375)	4.8	1700	2700	1400 4PC	2500	3100	3250	1500	3600
1600 (2525)	5.04	1800	2750	1400 4PC	2600	3150	3300	1500	3600
1800 (3025)	5.84	2000	2850	1400 4PC	2800	3250	3400	1500	3600
2000 (3525)	6.64	2250	2950	1400 4PC	3050	3350	3500	1500	3600
2500 (4775)	8.64	2550	3350	1400 4PC	3450	3750	3900	1500	3600
3000 (6025)	10.64	2950	3550	1800 4PC	3850	3950	4100	1600	4000
3200 (6525)	11.44	3100	3650	1800 4PC	4000	4050	4200	1600	4000
3500 (7275)	12.64	3300	3800	1800 4PC	4300	4200	4350	1600	4000
4000 (8525)	14.64	3550	4100	2000 6PC	4550	4550	4800	1600	4000
4500 (9775)	16.64	3800	4350	2000 6PC	4800	4800	5050	1600	4000
5000 (11025)	18.64	4000	4650	2100 6PC	5000	5100	5350	1600	4000
6000 (13525)	22.64	4400	5100	2200 8PC	5400	5650	6000	1600	4000
8000 (18525)	30.64	5000	6150	2300 8PC	6000	6700	7050	1600	4000
10000* (23525)	38.64	5500	7000	2400 8PC	6500	7550	7900	1600	4000




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