





Category		Parking Systems	
Product Name		KleemannPark KPS	KleemannPark KTS
Product			
Use			
Advantages		Best value for money Robust & Reliable Premium technical support Fully Certified / CE mark	Excellent value for money Small shaft dimensions Operation with attendant
General Specs	Type	Mechanical car park system	Vehicle lifting system
	Installation	Indoor	
	Mechanism	Hydraulic	
	Number of Vehicles	2 or 4	1
	Machine room	Minimal space requirements	
	Standard	EN 14010	Machinery Directive (2006 / 42)
Technical Specs	Rated Load [kg]	4000 (2 vehicles) 8000 (4 vehicles)	2200 / 3000
	Travel [m]	max 1.9	2 - 12 / 2-10
	Speed [m/sn]	0.05	0.15 / 0.13
	Pit Depth [mm]	1750 / 1900 / 2000	400 / 500
	Headroom [mm]	3250 / 3400 / 3500	2400 - 2700
	Special Features	Valve Block Operation Mode	Electro-hydraulic Constant pressure button (Hold to run)
	Doors	Not available	Roller shutters with pressure detect sensors
	Floor	Galvanised steel sheets	Nonskid RAL painted steel sheets
	Safety sensors	Motion	Hold to run / Light Curtains (2pcs)
		Overload	Standard
	Remote control	Not available	Standard outside calls only

The ideal solutions for maximum utilisation of parking spaces





Vehicles



Vehicles with driver



Category		STAIRLIFT SYSTEMS					
Product name		FreeSTAIR (with seat)		FreeSTAIR (with platform)			
Product							
Use							
Advantages		German quality - Robust product				Kleemann quality	
		Reliable & Secure operation				Minimum space requirements	
		Manufacture according to the staircase				Fully certified product	
General Specs	Type	Freestair seat	Freestair T80	Freestair T100	Scissor Platform	VERTPLAT	
	Ideal for	Disabled persons / Elderly people		Disabled persons			
	Installation	Indoor or Outdoor					
	Staircase Type	Straight / Circular	Straight / Circular	Only straight	Not available		
	Machine room	Machine Roomless (MRL)				Required	
	Standard	Type Examination Certificate - CE label				Declaration of conformity - CE label	
Technical Specs	Rated Load [kg]	130	300	300	250	300	
	Inclination [degrees]	0-70	0-60	15-45	0	0	
	Travel [levels or meters]	4 levels	4 levels	30 m	0,9 m	max 3 m	
	Speed [m/s]	max 0,1	max 0,15	max 0,08	max 0,027	max 0,10	
	Operation principle	Rack and pinion system	Special chain system with rollers	Rack and pinion	Scissor lift with worm-screw	Hydraulic 2:1	
	Special Features	Power Supply	Single phase (Rechargeable battery)			Single phase	
	Operation	Hold to run buttons					
	Security Systems	User	Seat security belt	Protection bars / Ramps		Semi automatic doors with locking device	
		Movement	Hold to run button / Emergency Stop button				
	Platforms surface	-	Anti-slip floor				
	Extra	Fall back chair	Automatic back folding of the platform	Automatic ramp - Without pit	With or without pit (Only 80mm)		
	Additional equipment	Remote Control				Moveable surface under the platform with sensors	



Disabled persons

Freedom to move!



Head Office - Exports: Kilikis Industrial Area, PO Box 25, Kilikis, 61 100 Greece
Tel.: +30 23410 38 100, Fax: +30 23410 38 200, E-mail: headoffice@kleemann.gr

www.kleemannlifts.com



KL4 KLENG ENG 08/11



KLEEMANN
Engineering



Your 1st Choice in Lifts

Category	MRL Solutions				Reduced Pit / Headroom Solutions Ideal for existing buildings						Special Solutions Unique Fully certified products			Freight Solution			
	Traction				Hydraulic	Traction			Hydraulic			Traction		Hydraulic	Traction	Hydraulic	
Product Name	Atlas 1:1	Atlas 2:1	Atlas Gigas	Atlas Super Gigas	FlexyLIFT MRL	Atlas Mini	Atlas 2:1 - L	Atlas 2:1 RPH	MaisonLIFT Basic	MaisonLIFT Plus	FlexyLIFT MR	MegaSpace	Earthquake Resistant	Earthquake Resistant	Dumbwaiter	Compact	
Product																	
Use																	
Advantages	Premium ride quality through state of the art technology				Premium ride quality (electr.valve)	Premium ride quality through state of the art technology			Premium ride quality	Low noise & vibration	Premium ride quality (electr. valve)	Premium ride quality (electr. valve)	Max. area / load ratio	Innovation award winner. Patented	Ideal for malls & restaurants	Ideal for warehouse	
General Specs	High energy efficiency (especially for high-rise buildings)				1550mm wide shaft for 1100mm wide car	High energy efficiency (especially for high-rise buildings)			High energy efficiency	Best value for money	Stylish car & shaft	1550 mm wide shaft for 1100 mm wide car	Excellent value for money	Pre-earthquake evacuation (****)	Low noise & vibrations		
	Up to 5 tons				Insensitive to load & temperature	Ideal solution for modernisation of older lifts or narrow shafts.			PD: 370mm H:2900mm	PD: 80mm H:2300mm	PD: 200mm /180mm H: 2450mm	PD: 350mm H:2600mm	Reduced power consumption	Maximum safety	High hygiene standards	Up to 2 tons(****)	
	No exquisite materials (e.g. belts etc) used				High energy efficiency	Up to 3 cabin doors installation (cantilever car frame)			Safety standards EN81.1+A3 EN81.2.1	Safety standards EN81.4.1	Safety standards EN81.2.1	Safety standards EN81.2.1	Absolute stability during loading	Fieldtested	Safety standards EN81.3	Safety standards EN81.3.1	
Technical Specs*	Maximum Car Travel [m]	70	45	45	45	25 (450 Kg) 22 (630 Kg) 30 (1000 Kg)	45	45	45	15	15	25 (450 Kg) 22 (630 Kg) 30 (1000 Kg)	45	45	30	35	11.5
	Maximum Number of Stops	24	16	16	16	10 (450 Kg) 8 (630 Kg) 11 (1000Kg)	16	16	16	4	6	9 (450 Kg) 8 (630 Kg) 11 (1000 Kg)	16	16	11	8	4
Maximum Car Speed [m/s]	1.6	1.6	1.6	1.0	1.0	1.0	1.0	1.0	0.15	0.52	1.0	1.0 (max 2500 kg) 0.80	1.6	0.99	0.32 (0.25 or 0.48 upon request)	0.15	
Rated Load [range in kg]	375 - 1050	375 - 1000	1275 - 2500	3000 - 4500	450 -1000	450	400 - 1000	300 - 630	200 - 450	180 - 630	450 - 1000	1000 - 3500	450 - 1250	300 - 1000	50 - 200	200 - 2000	
Motor (Traction only) Valve Block (Hydraulic only)	Gearless VVVF				Electronic	Gearless VVVF			Electrohydraulic	Electronic or Electrohydraulic	Electronic	Geared or Gearless VVVF	Geared or Gearless AC2 or VVVF	Electronic or Electrohydraulic	GearedAC1	Electrohydraulic	
Shaft Structure: Aluminium / Steel	Not available / Optional				Not available / Optional	Not available / Optional			Optional / Optional	Not available / Optional		Not available / Optional	Not available / Optional		Not available / Optional		
Pit depth [mm]	1300	1200 (max u =1.0 mps) 1300	1200 (max u =1.0 mps) 1350	1400	900 (max 630 kg) 1000	350	1300 (max u =1.0 mps) 1400	370	80	200 (450 Kg) 180 (for 525 & 630 Kg)	350 (max 630 Kg) 400	1000 (max 1000 Kg) 1400	1100 (max u =1.0 mps) 1200	1000	700	220 - 450	
Clear Headroom [mm]	3600 (max u =1.0 mps) 3700	3450 (max u =1.0 mps) 3600	3450 (max u =1.0 mps) 3600 (**)	3800	2600	3000	3600 (max u =1.0 mps) 3750 (u >1 mps)	2900	2300	2450	2600	3600 (max 1000 Kg) 3800	3450 (max u =1.0 mps) 3600	3500	1950	2200 - 2260	
Maximum Car Entrances	3	2	2	2	3	3	3	2	3	3	3	2	2	3	3	3	

Also, high-rise / high-speed traction solutions and hydraulic solutions for up to 30 tons

4 weeks ex-works delivery for all KLEEMANN products *** Easy and fast installation Fully customised solutions



* Maximum car travel, number of stops & car speed may exceed the respective figures. Contact us for further details.

** According to EN81.1. Also available with reduced headroom 3000 (max u=1.0 mps) / 3200 mm). Contact us for further details.

*** Special solutions & Atlas Super Gigas MRL excluded.

**** Under conditions

Category	Escalators & Moving Walks				
Product Name	Escalators		Moving Walks		
Product					
Use					
Advantages	Longterm experience /Installed units all over the world Readily available spare parts Fast ex-works delivery Robust construction of high standards				
General Specs	Type	Commercial	Heavy Duty	Commercial	Heavy Duty
	Installation	Indoor / Outdoor			
	Max. Workload [hours per day]	16 - 20	20 - 24	16 - 20	20 - 24
	Transportation ability [passenger / hour]	6000	7300	6000	6000
	Machine Room Standard	MRL (inside the frame) EN 115			
Technical Specs	Maximum vertical travel [m]	2 - 7.5	2 - 35	2 - 8	0 - 8
	Speed [m/sn]	0.50	0.65	0,50	0,50
	Inclination [degrees]	30 or 35 degrees	30 or 35 degrees	10 or 11 or 12 degrees	0-6 or 10 or 11 or 12 degrees
	Pallet width [mm]	600 / 800 / 1000	600 / 800 / 1000	800/1000	800/1000/1200/1400
Special Features	Motor type	AC1 or VVVF			
	Connection with building management system (BMS)	Optional			
	Firefighting system	Optional			
	Balustrade material	Safety glass	Safety glass / Stainless Steel	Safety glass	Safety glass / Stainless Steel
	Start / Stop by:	Photocell / Contact mats / Diffuse sensors			
LED Lighting	Optional				
Galvanised frame	Optional				
Claddings	Glass or St/St or Painted or Galvanised Steel Sheells				

Safe solutions for demanding buildings

