





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	
Technical Specs	Standard	EN 14010	Machinery Directive (2006 / 42)
	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
Special Features	Headroom [mm]	3250 / 3400 / 3500	2400 - 2700
	Valve Block	Electro-hydraulic	
	Operation Mode	Constant pressure button (Hold to run)	Automatic (outside call) / Hold to run operation (platform)
	Doors	Not available	Roller shutters with pressure detect sensors
	Floor	Galvanised steel sheets	Nonskid RAL painted steel sheets
Safety sensors	Motion	Hold to run	Hold to run / Light Curtains (2pcs)
	Overload	Standard	
	Remote control	Not available	Standard outside calls only








Vehicles



Vehicles with driver

The ideal solutions for maximum utilisation of parking spaces



Category		Stairlift Systems				
Product name		FreeSTAIR (with seat)	FreeSTAIR (with platform)			
Product						
Use						
Advantages		German quality - Robust product Reliable & Secure operation Manufacture according to the staircase Fully certified product	Kleemann quality			Minimum space requirements
General Specs	Type	Freestair seat	Freestair T80	Freestair T100	Scissor Platform	Vertiplat
	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
Technical Specs	Standard	Type Examination Certificate - CE label				Declaration of conformity CE label
	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
Special Features	Operation principle	Rack and pinion system	Special chain system with rollers	Rack and pinion	Scissor lift with worm-screw	Hydraulic 2:1
	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	Extra	—	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!



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KLEEMANN Engineering



KL4 KLEENG0212

Category	MRL Solutions				Reduced Pit / Headroom Solutions <small>Ideal for existing buildings</small>						Special Solutions <small>Unique Fully certified products</small>			Freight Solution			
	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			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	Suspension	1:1	2:1	2:1	4:1	1:2	2:1	2:1	2:1	1:2	1:2	1:2	2:1 (max 2500 kg) 4:1	1:1 (max 1000 kg) 2:1	1:2	1:1	1:2
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 (1000 Kg)	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	1.6	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		
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 (max1000 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		MRL (inside the frame)			
Standard		EN 115			
Technical Specs	Maximum vertical travel [m]	2 - 7.5	2 - 35	2 - 8	0 - 8
Speed [m/s]		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
Motor type		AC1 or VVVF			
Special Features	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

