



KLEEMANN

Engineering



KLEEMANN
Your 1st Choice in Lifts



KLEEMANN Solutions

MR & MRL Solutions

Reduced Pit / Headroom Solutions Ideal for existing buildings

Freight Solutions









High Rise Solutions

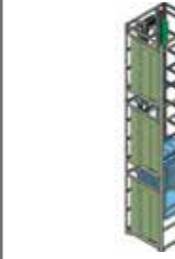

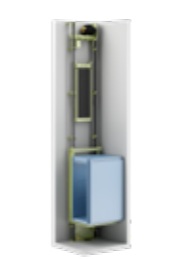


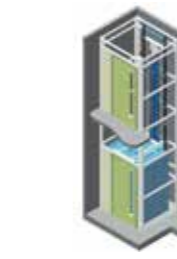






Parking Systems


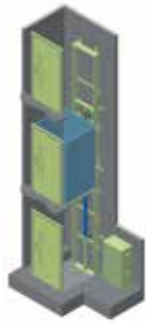


Stairlift Systems



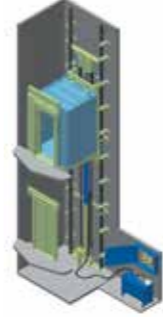



Escalators & Moving Walks



Category	MRL Solutions						
	Traction					Hydraulic	
Product Name	Atlas Basic	Atlas Premium	Atlas L	Atlas Gigas	Atlas Super Gigas	FlexyLIFT MRL	
Product							
Use							
Advantages	Premium ride quality through state of the art technology					Premium ride quality	
	High energy efficiency					Electrical safety system on pit and headroom	
				Up to 3 cabin doors installation (cantilever car frame)	Up to 5 tons	Insensitive to load & temperature	
						High energy efficiency	
	Optimum use of space within the shaft					Autoadjustment (iValve)	
	Designed according to European Standards and Directives						
General Specs	Suspension	2:1	2:1	2:1	2:1	4:1	
	Machine Room	MRL					
	Directives & Standards	2014/33/EU & EN81.20				Safety standards EN81.21	
Technical Specs*	Maximum Car Travel [m]	45	65	40	45	45	
	Maximum Number of Stops	16	24	16	16	16	
	Maximum Car Speed [m/s]	1.6	1.6	1.0	1.6	1.0	
	Rated Load [range in kg]	375-1000	375-1000	300-1000	1050-2500	2500-5000	
	Motor (Traction ONLY) Valve Block (Hydraulic ONLY)	Gearless VVVF					Electronic iValve
	Shaft Structure: Aluminium / Steel	Not available / Optional					Not available / Optional
	Min Pit depth [mm]	v≤1.0 m/s 1100 v=1.6 m/s 1250	v≤1.0 m/s 1100 v=1.6 m/s 1250	v≤1.0m/s ≤1200	v≤1,0m/s 1100 1 < v≤1,6m/s 1270	1400	up to 450kg 800mm up to 630kg 800mm up to 1000kg 950mm
Min Headroom [mm]	v≤1.0 m/s 3400 v=1.6 m/s 3600	v≤1.0 m/s 3400 v=1.6 m/s 3600	v≤1.0m/s ≤3850	v≤1,0m/s 3800 1 < v≤1,6m/s 4000	3900	2600	
Maximum Car Entrances	2	2	3	2	2	3	

Reduced Pit / Headroom Solutions Ideal for existing buildings					
Traction		Hydraulic			
Maison T Basic	ATLAS RPH	Maison One	MaisonLIFT Basic	MaisonLIFT Plus	FlexyLIFT MR
					
					
Premium ride quality through state of the art technology		Outstanding price	Low noise & vibration	Premium ride quality (electronic valve)	
High energy efficiency		Very low energy consumption	Best value for money	Stylish car & shaft	
Ideal solution for modernisation of older lifts or narrow shafts		Minimum space requirements	Low pit and headroom	Low noise operation 45-50db (Energy Consumption Certificate)	Electrical safety system on pit and headroom
Simple and economic solution for low travels	Safety standards EN81.21	Compact design	Safety standards EN81.41	Safety standards EN81.21	
Optimum use of space within the shaft			High energy efficiency		
Designed according to European Standards and Directives			Autoadjustment (iValve)		
		Ease of installation and maintenance	Many design options	Highly astheatics effect and adoption to the surroundings	
2:1	2:1	1:2	1:2	1:2	1:2
MRL		MR-MRL	MRL (with controller cabinet)		
2006/42/EC	2014/33/EU & EN81.20	2006/42/EC	2006/42/EC	2014/33/EU & EN81.20	
12	40	7	15	19	25
5	14	3	4	8	9
0.15	1.0	0.15	0.15	0.52	0.74
180-450	525-1050	up to 385	200-450	180-630	180-1000
Gearless VVVF		Mechanical valve	Mechanical valve	Electronic or mechanical valve	
Optional /Optional		Optional / Optional	Optional / Optional		Not available / Optional
200	320	120	80	200	up to 450kg 300mm up to 630kg 320mm up to 1000kg 400mm
2600	2600	2300	2300	2600	2600
2	2	2	4	6	8

Category	Freight Solutions	
	Traction	Hydraulic
Product Name	Dumwaiter	Compact
Product		
Use		
Advantages	Ideal for malls, restaurants & hospitals	Ideal for malls & restaurants
	Economical to use	Low noise & vibrations
	Low noise	Up to 2 tons(***)
	High levels of hygiene	Safety standards EN81.31
	Safety standards EN81.3	Optimal shaftspace usage Designed according to European Standards and Directives
General Specs	Roping	1:1
	Machine Room	MRL (with cabinet)
	Directives & Standards	2006/42/EC
Technical Specs*	Car Travel [m] up to	40
	Number of Stops up to	12
	Maximum Car Speed [m/s]	0.17 -0.60
	Rated Load [range in kg]	24-300
	Motor (Traction ONLY) Valve Block (Hydraulic ONLY)	Geared
	Shaft Structure: Aluminium / Steel	Not available / Optional
	Pit depth [mm]	min. 600
	Headroom [mm]	min. 1600
	Car Entrances up to	3

High Rise Solutions		MR Solutions	
Traction		Traction	Hydraulic
			
			
Premium ride quality through state of the art technology			
Wide range of applications			
Optimum use of space within the shaft			
Designed according to European Standards and Directives			
2:1		2:1	1:1, 1:2
MR	MRL	Up/Down	Near the shaft
2014/33/EU & EN81.20		2014/33/EU & EN81.20	
150	150	75	30
47	47	30	12
2.0-2.5-3.0-4.0	2.0-2.5	2	1
1000-1600	630 - 1275	180 - 11000	180 - 10000
Gearless VVVF		Geared VVVF or AC2 / Gearless VVVF	
Not available		Optional	
v=2,0 m/s 1800,v=2,5m/s 1950 v=3,0 m/s 1950,v=4,0m/s 3800	v=2,0 m/s 1800 v=2,5m/s 1950	1000- 1300	Min 1000
v=2,0 m/s 4140,v=2,5m/s 4380 v=3,0 m/s 4470,v=4,0m/s 4680	v=2,0 m/s 4450 (630-1000kg) v=2,0 m/s 4500 (1275kg) v=2,5 m/s 4700 (630-800kg) v=2,5 m/s 4750 (1000-1275kg)	3450	3450
2		2	3

High Rise / High Speed Traction MR as well as Hydraulic MR solutions for up to 30 tons

4 weeks ex-Works Delivery for ALL KLEEMANN products (***)

Easy & fast installation








Fully customised solutions





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







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

(***) Under conditions

For greater travel and rated load please contact technical department

 Passengers	 Good/Passengers (light/medium)	 Good/Passengers (heavy)	 Disabled persons
 Bed Lift	 Goods only	 Car lift	

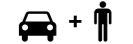
Category		Parking Systems	
Product Name		KleemannPark KPS	KleemannPark KTS
Products			
Use			
Advantages		Best value for money	Excellent value for money
		Robust & Reliable	Small shaft dimensions
		High quality controller	
		Technical support on site	
		Premium ride quality and low noise operation	
		Long-lasting quality	
		Fully Certified / CE mark	
General Specs	Type	Mechanical car park system	Vehicle lifting system
	Installation	Indoor / Outdoor	
	Mechanism	Hydraulic	
	Number of Vehicles	2 or 4	1
	Machine room	Minimal space requirements	
	Directives & Standards	2006/42/EC	2006/42/EC
Technical Specs	Rated Load [kg] up to	5000 (2 vehicles) / 10000 (4 vehicles)	2200 / 3000
	Travel [m] up to	max 2,3	2 - 12 / 2 - 10
	Speed [m/s] up to	0.03	0,15 / 0,15
	Pit Depth [mm]	from 1750 to 2300	400 / 500
	Headroom [mm]	from 3350 to 4400	2700 / 2700
	Special Features	Valve Block	Electro-hydraulic
Operation Mode		Hold to run operation	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		Hold to run	Hold to run / Light Curtains (2 pcs)
Motion		Standard	
Overload			
Remote control		Not available	Standard outside calls only

Parking Systems				
Hydro Park 1127	Hydro Park 1123	Hydro park TPTP-2	BDP-2	Vehicle Turntable
				
				
Great variety of types			Independent parking in 2 levels	Fast and easy installation
Suitable for different vehicle's height and building available height			Easy operation and parking comfort	Quiet operation
Low usage cost			Code - IC card and manual operation	
Dynamic locking device			Reliable mechanical anti-falling protection	
Platform can stop at different heights				
Hydraulic overload protection				
CE Mark				
Parking System			Puzzle Parking Systems	Vehicle Turntable
Indoors / Outdoors	Indoors / Outdoors	Indoors / Outdoors	Indoors / Outdoors	Indoors
Hydraulic	Hydraulic	Hydraulic	Hydraulic	Hydraulic motor with slew ring drive
2 (1+1)	2 (1+1)	2 (1+1)	5	1
Not required	Not required	Not required	Required	Required
2006/42/EC	2006/42/EC	2006/42/EC	2006/42/EC	2006/42/EC
2700	2300	2000	2000-2500	3000
2100	2100	1600	2100	
0,04	0,04	0,03	0,10m/sec	0,05m/sec
Not required	Not required	Not required	Not required	200-250
3500	3500	3000	4000	
Electro-hydraulic				
Key switch	Key switch	Key switch	Code - IC card and manual operation	Key switch with "Hold to run" buttons
Not available				
Galvanised steel sheets				
Hold to run				
Standard				
Not available				





The ideal solutions for maximum utilisation of parking spaces







Vehicles



Vehicles with Passengers

Category		Stairlift Systems				
Product name		FreeSTAIR with seat				
Product						
Use		♿				
Advantages		Installed on either right or left side of the staircase Minimum installation space required Multiple mounted solutions for guide rails Seat folds neatly away to save space Minimal maintenance requirements				
General Specs		Type	KSL 200	A 130	A 180	T80 Chairlift
		Ideal for	Disabled persons / Elderly people			
		Installation	Indoor or Outdoor	Indoor or Outdoor	Indoor	Indoor or Outdoor
		Staircase Type	straight/Circular	Straight	straight/Circular	straight/Circular
		Machine room	Not Required			
		Directives & Standards	Machinery Directive 2006/42/EC			
Technical Specs		Rated Load [kg]	130	127	120	225
		Inclination [degrees]	0-70	27-55	0-58	0-60
		Travel [levels or meters]	4 Stops	2 Stops	4 Stops	4 Stops
		Speed [m/s]	0,1	0,1	0,1	0,1
		Operation principle	Rack and pinion system			Special chain system with rollers
Special Features		Power Supply	Rechargeable battery	Rechargeable battery	Rechargeable battery	Rechargeable battery
		Operation	Hold to run buttons			
		Security Systems	User	Seat security belt		
			Movement	Hold to run button / Emergency Stop button / Safety gear		
		Extra	Fall back chair / Diagnostic fault display / Remote control			

Stairlift Systems				
FreeSTAIR Hydraulic Lifting System		FreeSTAIR for wheelchair		
				
♿				
Kleemann quality		German and Italian quality		
Wide range of platform dimensions		Multiple mounted solutions for guide rails		
		Wide range of platform dimensions		
Minimum space requirements		Robust construction		
		Minimum space and maintenance requirements		
Vertiplat	T100 Platform	T80 Platform	V64	V65
Disabled persons				
Indoor or Outdoor				
	Straight	straight/Circular	Straight	straight/Circular
Required	Not Required			
Machinery Directive 2006/42/EC				
300	300	300	300	300
---	15-45	0-60	7-50	0-45
max 7m	2 stops	4 stops	2 stops	4 stops
max 0,10	0,08 m/sec	max 0,15 m/sec	0,07 m/sec	0,13 m/sec
Hydraulic 2:1	Rack and pinion	Special chain system with rollers	Rack and pinion	Rack and pinion
Single or 3 phase motor	Rechargeable battery	Rechargeable battery	Single phase motor	Rechargeable battery
Hold to run buttons				
Semi automatic doors with locking device	Protection bars / Ramps			
Sensor under the platform	Hold to run button/ Emergency Stop button / sensors all around the platforms			
	Remote control			

Freedom to move!

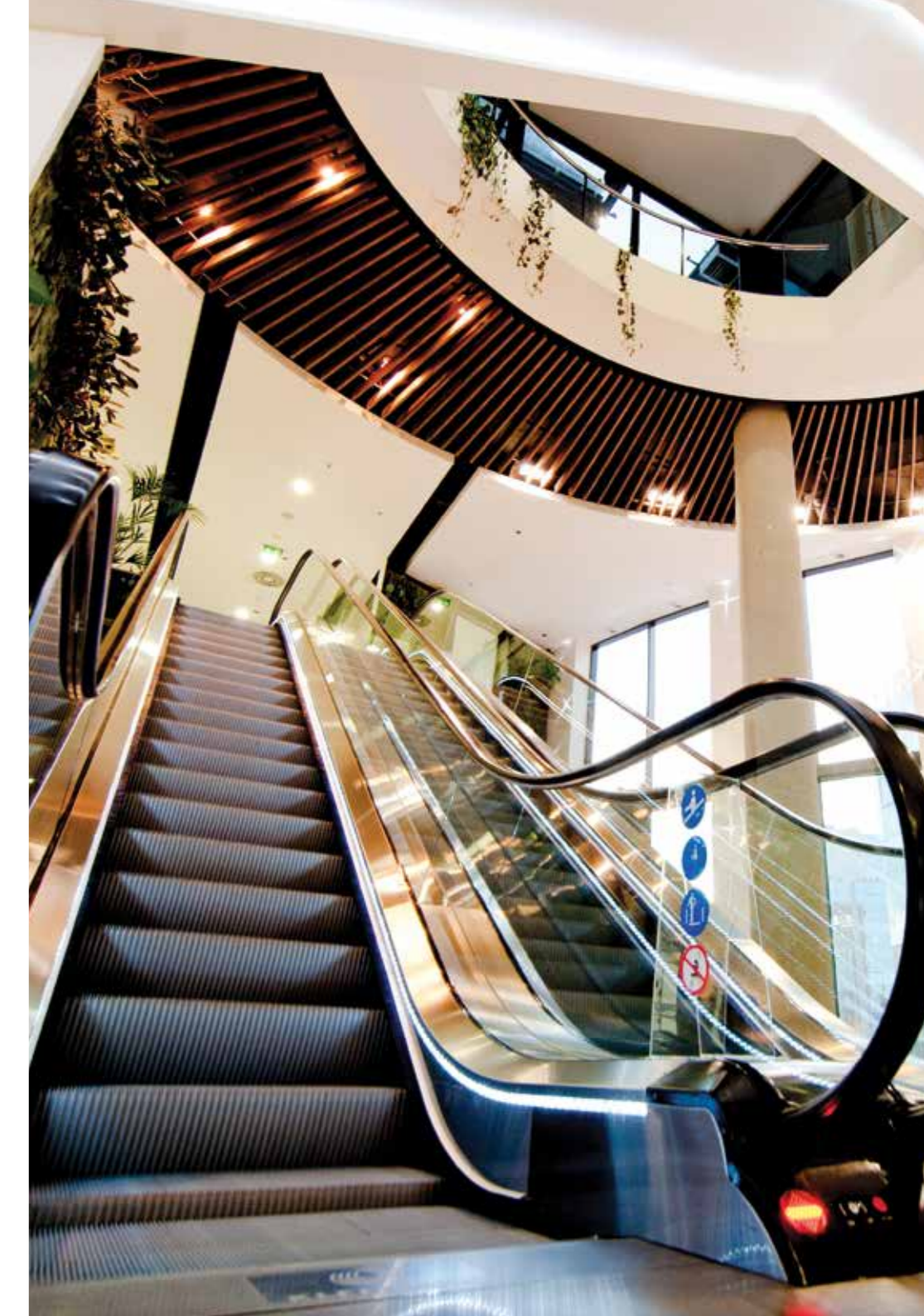


Disabled persons

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 Installation: Indoor / Outdoor		Type: Commercial / Heavy Duty Installation: Indoor / Outdoor	
		Max. Workload [Hours Per Day]	20-24	16-20	20-24
		Max. Transportation Ability [Passengers/Hour] according to EN115: -1:2017	7300	6000	6000
		Machine Room	MRL (Inside the frame)		
		Directives & Standards	EN 115-1:2017		
Technical Specs		Vertical Travel [m]	2 - 35	2 - 8	0 - 8
		Speed [m/s]	0.50 - 0.65	0.50	0.50
		Inclination [Degrees]	30 or 35	10 or 11 or 12	0-6 or 10 or 11 or 12
		Step/Pallet Width [mm]	600 or 800 or 1000	800 or 1000	800 or 1000 or 1200* or 1400*
		Motor Type	AC1 or VVVF <small>*only for 0 ~ 6° inclination</small>		
Special Features		Connection with a Building Management System (BMS)	Optional		
		Firefighting System	Optional		
		Balustrade Material	Safety Glass or Stainless Steel	Safety Glass	Safety Glass or Stainless Steel
		Start/Stop By:	Photocell/Diffuse Sensors		
		Skirting/Balustrade Lighting	Optional		
		Galvanised Frame	Optional		
		Heating System	Optional		
		Claddings	Glass or St/St or Painted or Galvanised Steel Sheets		

Safe solutions for demanding applications

 Passengers



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