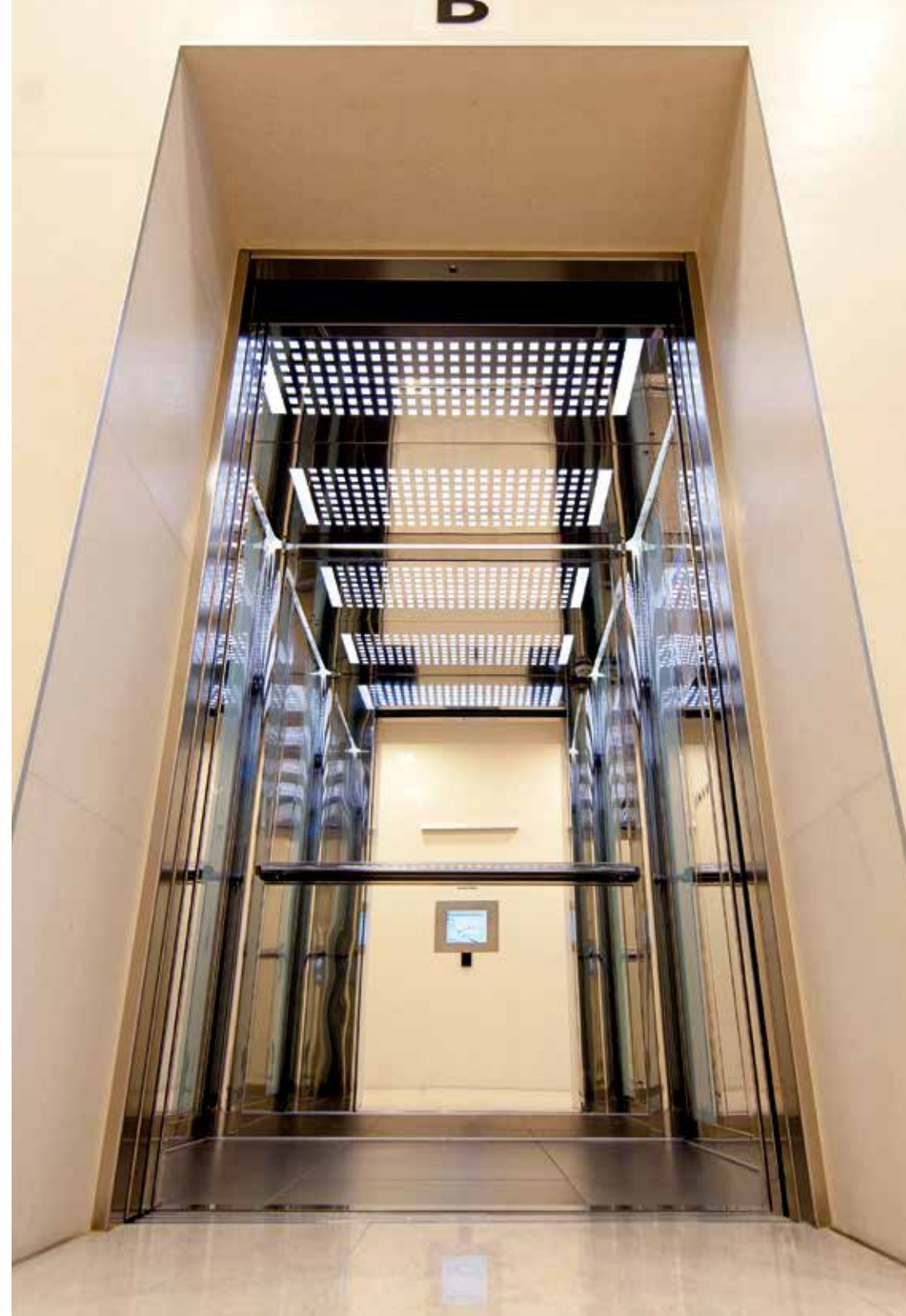


KLEEMANN

Engineering



KLEEMANN
Your 1st Choice in Lifts



KLEEMANN Solutions

MR & MRL Solutions

Reduced Pit / Headroom Solutions Ideal for existing buildings

Freight Solutions




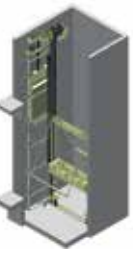






High Rise Solutions











Parking Systems


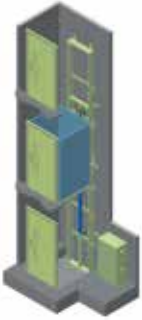


Stairlift Systems


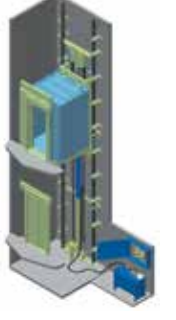
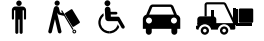
Escalators & Moving Walks



Category		MRL Solutions				
		Traction				
Product Name	Atlas Basic	Atlas Premium	Atlas Gigas	Atlas Super Gigas	Atlas RPH	
Product						
Use						
Advantages	Premium ride quality through state of the art technology					
	High energy efficiency					
				Up to 5 tons		
					Safety standards EN81.21	
	Optimum use of space within the shaft					
	Designed according to European Standards and Directives					
General Specs	Suspension	2:1	2:1	2:1	4:1	2:1
	Machine Room	MRL				
	Directives & Standards	2014/33/EU & EN81.20				
Technical Specs*	Maximum Car Travel [m]	45	65	45	45	40
	Maximum Number of Stops	16	24	16	16	14
	Maximum Car Speed [m/s]	1.6	1.6	1.75	1.0	1.0
	Rated Load [range in kg]	375-1000	375-1000	1050-2500	2500-5000	525-1050
	Shaft Structure: Aluminium / Steel	Not available / Optional				Optional / 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 1100 1 <v≤1.6 m/s 1270	1400	320
	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 3800 1 <v≤1.6 m/s 4000	3900	2600
Maximum Car Entrances	2	2	2	2	2	

Reduced Pit / Headroom Solutions Ideal for existing buildings				
Hydraulic				Electric
Maison100 H	MaisonLIFT Plus	FlexyLIFT (MR)	FlexyLIFT (MRL)	Maison100 E
				
				
Low noise & vibration	Premium ride quality (electronic valve)		Premium ride quality	Ease of installation and maintenance
Best value for money	Stylish car & shaft		Electrical safety system on pit and headroom	Very low energy consumption
Low pit and headroom	Low noise operation 45-50db (Energy Consumption Certificate)		Insensitive to load & temperature	Minimum space requirements
	Safety standards EN81.21			Compact design
	High energy efficiency			
	Autoadjustment (iValve)			
Many design options	Highly asthetics effect and adoption to the surroundings			
1:2	1:2	1:2	1:2	1:6
MRL (with machinery cabinet)		MR	MRL	MR
2006/42/EC	2014/33/EU & EN81.20			2006/42/EC
12	19	25	25	12
5	8	9	8	5
0.15	0.52	0.74	0.74	0.15
200-450	180-630	180-1000	180-1000	up to 385
Optional / Optional	Not available / Optional		Not available / Optional	Optional / Not available
80	200	up to 450kg 300mm up to 630kg 320mm up to 1000kg 400mm	up to 450kg 800mm up to 630kg 800mm up to 1000kg 950mm	100
2300	2600	2600	2600	2500
4	6	8	3	2

Category	Freight Solutions		
	Traction	Hydraulic	
Product Name	Service Lift	Compact	
Product			
Use			
Advantages	Ideal for malls, restaurants & hospitals	Ideal for warehouses	
	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	1:2
	Machine Room	MRL (with cabinet)	MRL (with machinery box)
	Directives & Standards	2006/42/EC	2006/42/EC
Technical Specs*	Car Travel [m] up to	40	11.5
	Number of Stops up to	12	4
	Maximum Car Speed [m/s]	0.17 -0.60	0.15
	Rated Load [range in kg]	24-300	300-2000
	Shaft Structure: Aluminium / Steel	Not available / Optional	Not available / Optional
	Pit depth [mm]	min. 600	min.160
	Headroom [mm]	min. 1600	min.2200
	Car Entrances up to	3	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	120	75	24
47	47	30	9
2.0-2.5-3.0	2.0-2.5	2	0.74
1000 - 1600	630 - 1275	180 - 11000	1050 - 10000
Not available		Not available / Optional	
Travel up to 90m v=2.0 m/s 1650, v=2.5m/s 1810 v=3.0 m/s 1810(****)	Travel up to 90m v=2.0 m/s 1650 v=2.5m/s 1810	1000- 1300	Min 1000
Travel 91 ~ 150m v=2.0 m/s 1910, v=2.5m/s 2070 v=3.0 m/s 2070 (****)	Travel 91 ~ 120m v=2.0 m/s 1910 v=2.5m/s 2070		
v=2.0 m/s 4190, v=2.5m/s 4430 v=3.0 m/s 4430(****)	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.

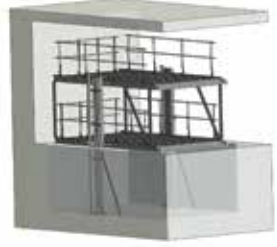



(**) Special solutions & Atlas Super Gigas MRL excluded.







(***) Under conditions

(****) RBS = Reduced Buffer Stroke

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	

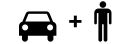
Category		Parking Systems	
Product Name		KleemannPark KPS	KleemannPark KTS
Products			
Use			
Advantages	Best value for money	Excellent value for money	
	Robust & Reliable	Small shaft dimensions	
	High quality controller		
	Technical support on site		
	Premium ride quality and low noise operation		
	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 Motion Overload		Hold to run Standard	Hold to run / Light Curtains (2 pcs)
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
	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																																					
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Advantages		Longterm experience /installed units all over the world Readily available spare parts Fast Ex-Works delivery Robust construction of high standards																																							
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Safe solutions for demanding applications

 Passengers



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