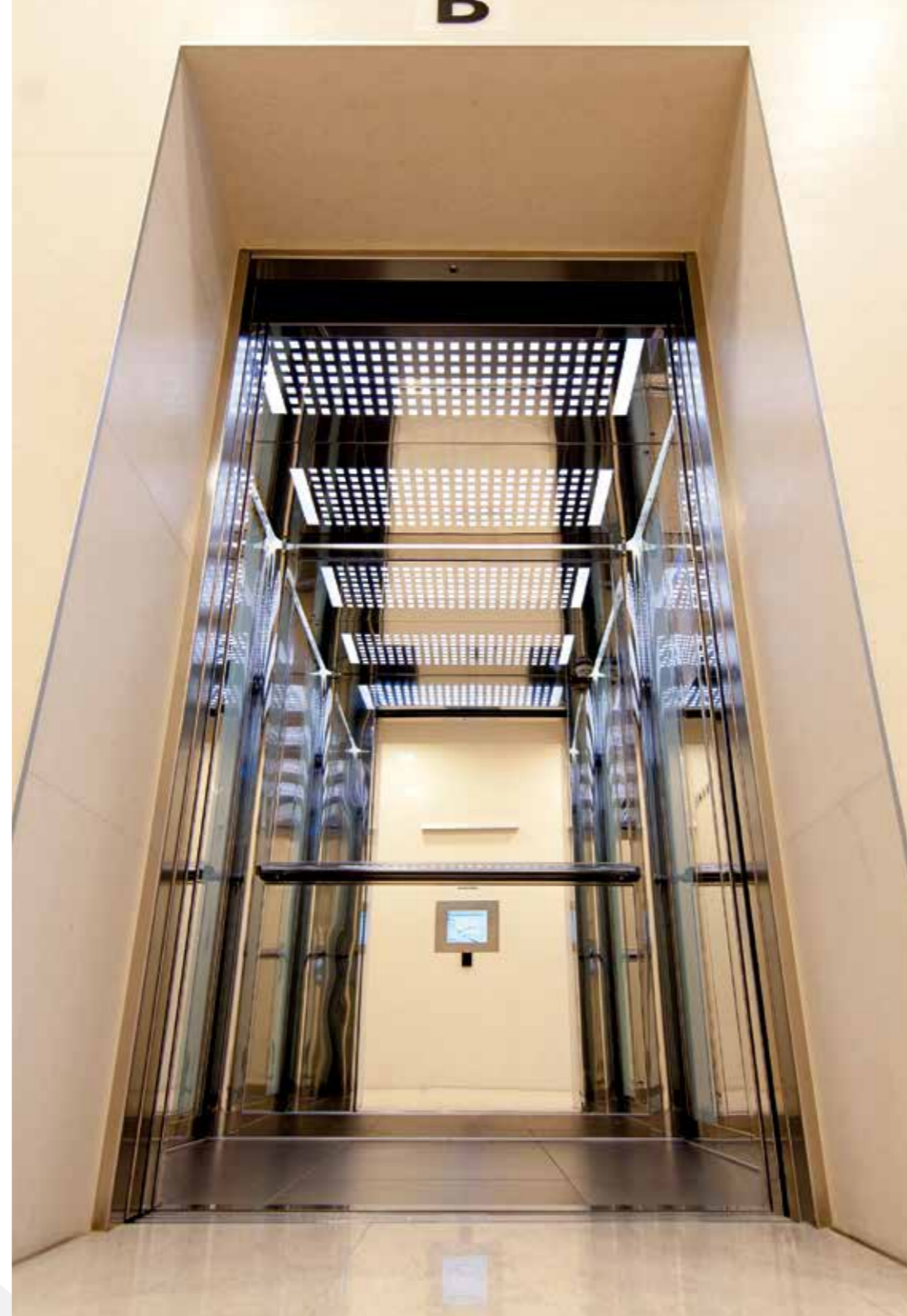


KLEEMANN

Engineering



KLEEMANN
Your 1st Choice in Lifts



KLEEMANN Solutions

MR & MRL Solutions

Reduced Pit / Headroom Solutions Ideal for existing buildings

Special Solutions Unique / Fully Certified products

Freight Solutions








High Rise Solutions

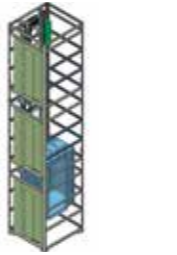











Escalators & Moving Walks

Parking Systems

Stairlift Systems



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	1:2
	Machine Room	MRL					
	Directives & Standards	2014/33/EU & EN81.20					
Technical Specs*	Maximum Car Travel [m]	45	65	40	45	45	0.74
	Maximum Number of Stops	16	24	16	16	16	10
	Maximum Car Speed [m/s]	1.6	1.6	1.0	1.6	1.0	0.74
	Rated Load [range in kg]	375-1000	375-1000	300-1000	1050-2500	2500-5000	450-1000
	Motor (Traction ONLY) Valve Block (Hydraulic ONLY)	Gearless VVVF					Electronic (iValve optional)
	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	1200	v≤1,0m/s 1100 1 < v≤1,6m/s 1270	1400	for 450kg 800mm for 630kg 800mm for 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	3850	v≤1,0m/s 3800 1 < v≤1,6m/s 4000	3900	2600
Maximum Car Entrances	2	2	3	2	2	2	

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 asthetics effect and adoption to the surroundings	
2:1	2:1	2:1	2:1	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	450-1000
Gearless VVVF		Mechanical valve	Mechanical valve	Electronic or mechanical valve	
Optional /Optional		Optional / Optional	Optional / Optional		Not available / Optional
200	320	120	80	200	for 450kg 300mm for 630kg 320mm for 1000kg 400mm
2600	2600	2300	2300	2600	2600
2	2	2	3	3	3

Category	Special Solutions Unique / Fully Certified products		Freight Solutions		
	Traction	Hydraulic	Traction	Hydraulic	
Product Name	Earthquake resistant	Earthquake resistant	Dumbwaiter	Compact	
Product					
Use					
Advantages	Innovation award winner. Patented		Ideal for malls & restaurants	Ideal for warehouses	
	Pre-earthquake evacuation		Low noise & vibrations		
	Maximum safety		High hygiene standards	Up to 2 tons(***)	
	Field tested		Safety standards EN81.3	Safety standards EN81.31	
	Optimal shaftspace usage				
	Designed according to European Standards and Directives				
General Specs	Roping	1:1 (max 1000kg) / 2:1	2:1	1:1	1:2
	Machine Room	MR (above shaft)	MR (near the shaft)	MRL (with controller box)	
	Directives & Standards	2014/33/EU & EN81.20		2006/42/EC	
Technical Specs*	Car Travel [m] up to	45	21	35	11.5
	Number of Stops up to	16	8	8	4
	Maximum Car Speed [m/s]	1.6	1	0.37	0.15
	Rated Load [range in kg]	450-1250	300-1000	150-200	300-1500
	Motor (Traction ONLY) Valve Block (Hydraulic ONLY)	Geared VVVF	Electronic	Geared AC1	Electrohydraulic
	Shaft Structure: Aluminium / Steel	Not available / Optional		Not available / Optional	
	Pit depth [mm]	v≤1.0m/s 1100 v>1.0 m/s 1200	1000	700	220-460
	Headroom [mm]	3450-3700	3500	1950	2200-2260
	Car Entrances up to	2	3	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		1:1, 2:1, 4:1	
MR		MRL	
2014/33/EU & EN81.20		2014/33/EU & EN81.20	
150		75	
47		30	
2.0-2.5-3.0-4.0		2.0-2.5	
1000-1600		630 - 1275	
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	
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)	
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

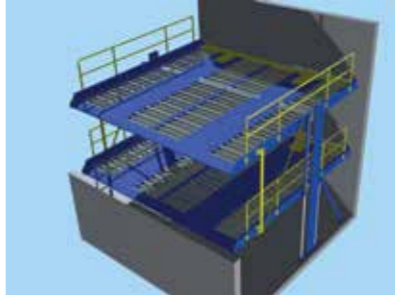



For greater travel and rated load please contact technical department

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

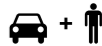
Category		Escalators & Moving Walks			
Product Name		Escalators		Moving Walks	
Product					
Use					
Advantages		Longterm experience /installed units all over the world Readily available spare parts Fast Ex-Works delivery Robust construction of high standards			
General Specs	Type	Commercial	Heavy Duty	Commercial	Heavy Duty
	Installation	Indoor / Outdoor			
Technical Specs	Max. Workload [Hours Per Day]	16-20	20-24	16-20	20-24
	Max. Transportation Ability [Passengers/Hour] according to EN115:2008 + A1:2010	7300	7300	6000	6000
	Machine Room	MRL (Inside the frame)			
	Directives & Standards	EN 115-1:2008+A1:2010			
	Motor Type	AC1 or VVVF *only for 0 ~ 6° inclination			
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



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	
Technical Specs	Mechanism	Hydraulic	
	Number of Vehicles	2 or 4	1
	Machine room	Minimal space requirements	
	Directives & Standards	2006/42/EC	2006/42/EC
	Rated Load [kg] up to	4000 (2 vehicles) / 8000 (4 vehicles)	2200 / 3000
Travel [m] up to	max 1,9	2 - 12 / 2 - 10	
Speed [m/s] up to	0.05	0,15 / 0,15	
Pit Depth [mm]	1750 / 1900 / 2000	400 / 500	
Headroom [mm]	3250 / 3400 / 3500	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	Hold to run / Light Curtains (2 pcs)
	Remote control	Not available	Standard outside calls only

The ideal solutions for maximum utilisation of parking spaces



Category		Stairlift Systems							
Product name		FreeSTAIR (with seat)		FreeSTAIR (with platform)					
Product									
Use									
Advantages		German and Italian quality - Robust product					Kleemann quality		
		Reliable & Secure operation							
		Manufacture according to the staircase					Minimum space requirements		
		Fully certified product with EC Type Examination Certificate							
General Specs	Type	Freestair seat	Freestair T80	Freestair T100	Freestair V65	Freestair V64	Vertiplat		
	Ideal for	Disabled persons / Elderly people	Disabled persons						
	Installation	Indoor or Outdoor							
	Staircase Type	Straight / Circular	Straight / Circular	Only straight	Straight/ Circular	Only straight	Not available		
	Machine room	Machine Roomless (MRL)					Required		
	Directives & Standards	2006/42/EC							
Technical Specs	Rated Load [kg]	130	300	300	250	250	300		
	Inclination [degrees]	0-70	0-60	15-45	0-50	7-50	0		
	Travel [levels or meters]	4 levels	4 levels	30 m	20m	20m	max 7m		
	Speed [m/s]	max 0,10	max 0,10	max 0,10	max 0.10	max 0.10	max 0,10		
	Operation principle	Rack and pinnion system	Special chain system with rollers	Rack and pinion	Rack and pinion	Rack and pinion	Hydraulic 2:1		
Special Features	Power Supply	Single phase (Rechargeable battery)							
	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				With or without pit (Only 120mm)		
	Additional equipment	Remote Control					Moveable surface under the platform with sensors		

Freedom to move!



Disabled persons

www.kleemannlifts.com



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Your 1st Choice in Lifts

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