



Your 1st Choice in Lifts

KLEEMANN SOLUTIONS

COMPLETE LIFT SYSTEMS

- MACHINE ROOM HYDRAULIC / TRACTION SYSTEMS
- MACHINE ROOM LESS HYDRAULIC / TRACTION SYSTEMS
- MAISONLIFT
- EARTHQUAKE RESISTANT LIFT
- COMPACT, DUMBWAITER

LIFT ASSEMBLIES

- CABINS
 - PASSENGER CABINS
 - FREIGHT / GOODS CABINS
 - FIREFIGHTING CABINS
 - PANORAMIC CABINS
- DOORS
 - AUTOMATIC DOORS WITH VVVF OPERATOR
 - FOLDING DOORS
 - SEMI-AUTOMATIC LANDING DOORS
 - CIRCULAR DOORS
 - MODERNIZATION DOORS
- ELECTRONICS
 - CONTROLLERS
 - CAR AND LANDING OPERATING PANELS
 - PRE-WIRING
- HYDRAULIC ELEVATION SYSTEMS
 - PISTON AND CYLINDER ASSEMBLY
 - POWER UNITS
 - CAR FRAMES
 - GUIDE RAILS
 - WIRE ROPES
 - HYDRAULIC OIL
- TRACTION ELEVATION SYSTEMS
 - TRACTION MACHINES
 - CAR SLINGS
 - COUNTERWEIGHT SLINGS
 - GOVERNORS
 - GUIDE RAILS
 - WIRE ROPES



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ATLAS MRL

Traction Gearless MRL Lift



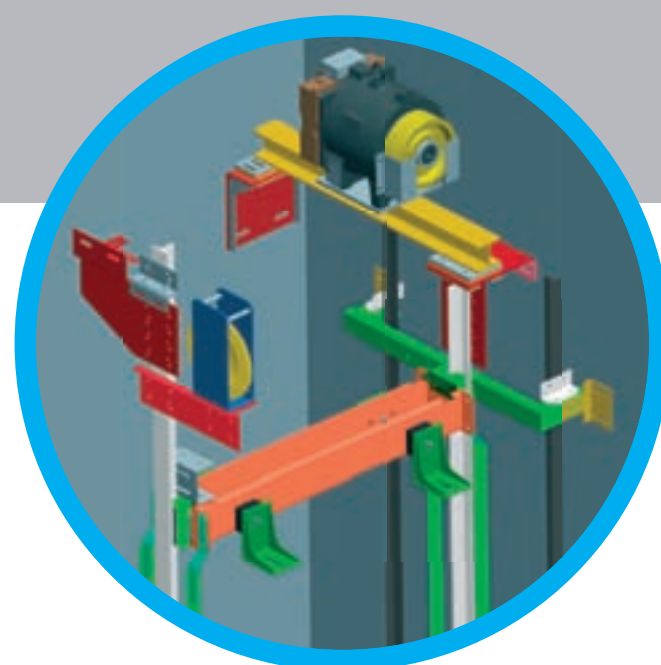
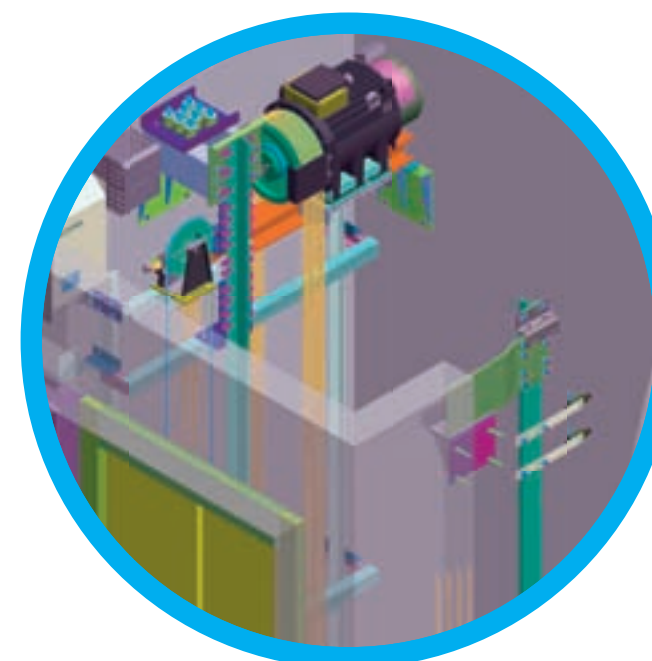
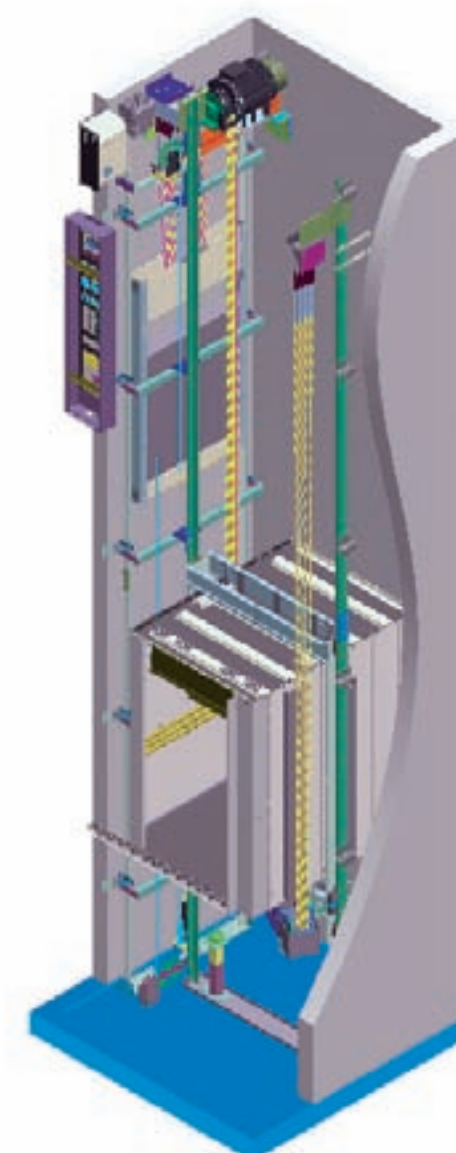
Your 1st Choice in Lifts

KL 3 ATLAS ENG 06/08

▶ **ATLAS_{MRL}** is the ideal traction Machine Roomless (MRL) solution for rated load up to 2500kg. It is equipped with a premium quality gearless machine manufactured by a renowned company in the field.

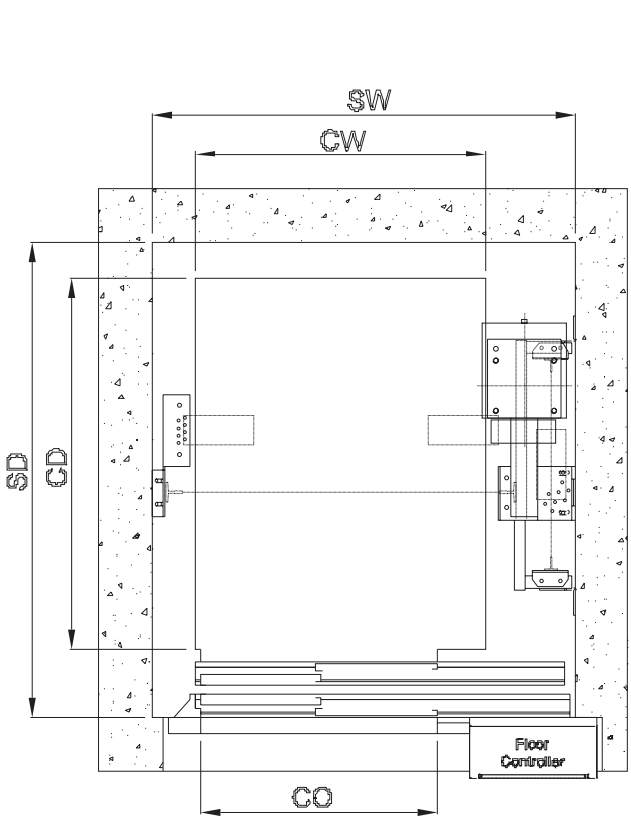
All lift components were designed in a way that combines ease of installation with maximum performance and low noise levels of a gearless machine.

ATLAS speed may reach **1,6m/sec** and is able to meet the needs of multi-storey buildings with heavy traffic and cabin capacity up to **33** persons. **KLEEMANN** has designed the entire **ATLAS** series with 2:1 roping for load up to 2500kg. This gearless MRL lift solution bears full antivibrating cabin insulation enabling smooth lifting sensation and maximum ride quality, and it comes with the guarantee and technical support of the **KLEEMANN** brand.

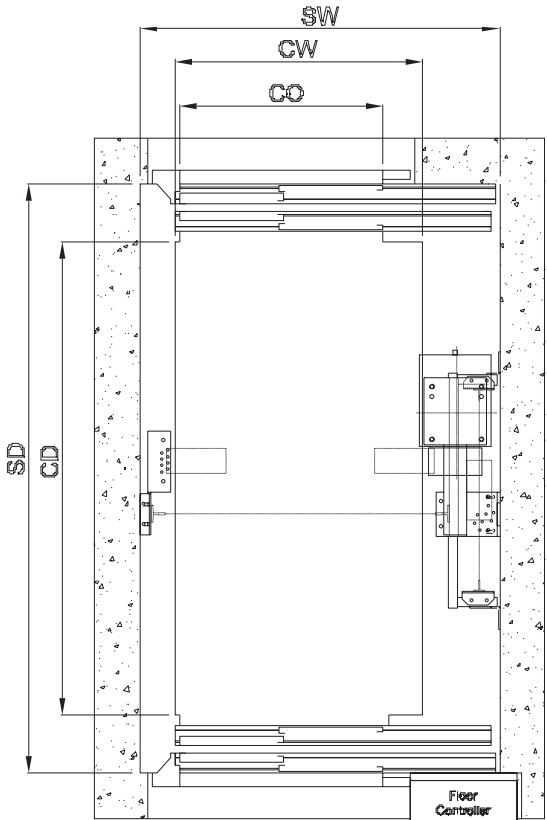


The advantages of the **ATLAS_{MRL}**

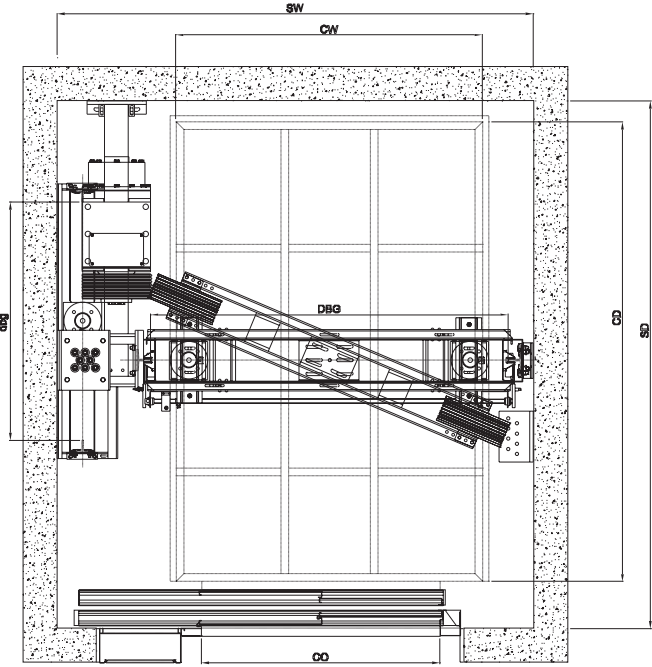
- ▶ **Type Examination Certificate**, according to 95/16 EC Directive
- ▶ **Travel** up to **45m** with the option to be increased
- ▶ **Rated load** up to **2500kg**
- ▶ **Pre-assembled** electrical installation (pre-wiring)
- ▶ **Open through cabin** for up to **33** persons
- ▶ State of the art **gearless** machine with **VVVF** drive
- ▶ **Controller LiSa**, manufactured by the german company **Schneider**, one of the leaders in the field
- ▶ **Low energy consumption**
- ▶ **Readily available spare parts**



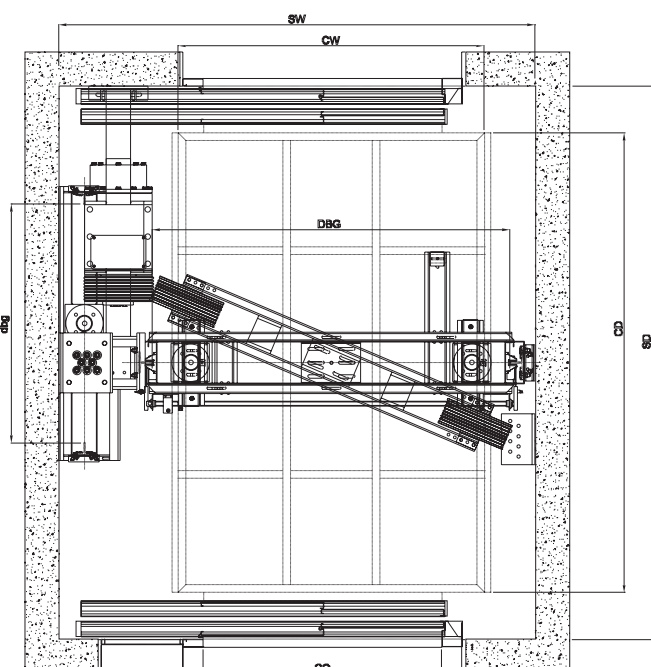
630 kg / 1 Side Opening Door



1000 kg / 2 Side Opening Doors

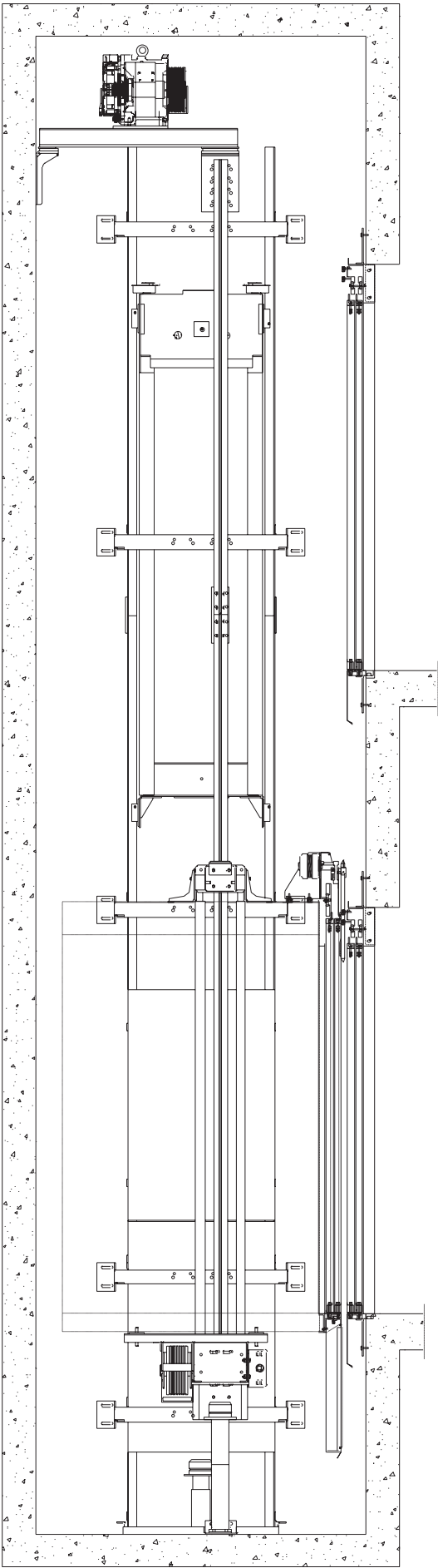


GIGAS 2500 kg / 1 Side Opening Door

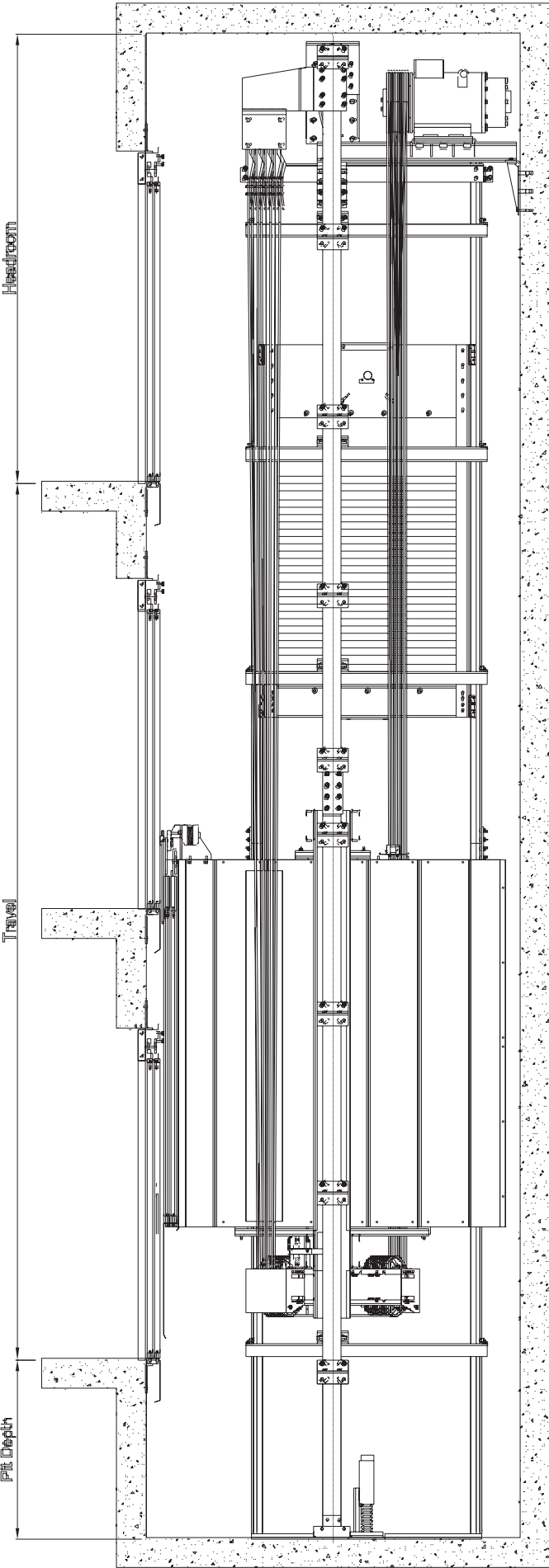


GIGAS 2500 kg / 2 Side Opening Doors

Dimesions according to site



ATLAS_{MRL} 1000 Kg



ATLAS_{MRL} GIGAS 2500 Kg

Dimesions according to site

	ATLAS _{MRL} 375	ATLAS _{MRL} 450	ATLAS _{MRL} 630	ATLAS _{MRL} 1000
RATED LOAD	375 kg	450 kg	630 kg	1000 kg
PERSONS	5	6	8	13
ROPING	2:1*			
Max TRAVEL (m)	45			
NUMBER OF STOPS	16			
Max SPEED (m/sec)	1,6 m/sec			
Min PIT DEPTH (mm)	1200 (U ≤ 1,0 m/sec) 1300 (U > 1,0 m/sec)			
Min HEADROOM (mm)	3450 (U ≤ 1,0 m/sec) 3600 (U > 1,0 m/sec)			
CABIN SLING WEIGHT (kg)	180 - 250			
CABIN WEIGHT (INCL. DOORS) (kg)	700	700	870	800
CABIN DIMENSIONS (width x depth)	900x1150	1000x1250	1100x1400	1400x1600 1100x2100
CABIN GUIDE RAILS	T75x62x10			T89x62x16
COUNTER WEIGHT GUIDE	T50x50x5			
Max DISTANCE BETWEEN GUIDE BRACKETS (mm)	2000 mm			
ROPES	DRAKO 250T Ø6,5			
NUMBER OF ROPES	6 x Ø 6,5	6 x Ø6,5	6 - 7 x Ø6,5	8 x Ø6,5
MACHINE	GEARLESS PERMANENT MAGNET			
CABIN DBG	depending on the shaft			
COUNTERWEIGHT DBG	700			800
Max No OF CABINS DOORS	2*			

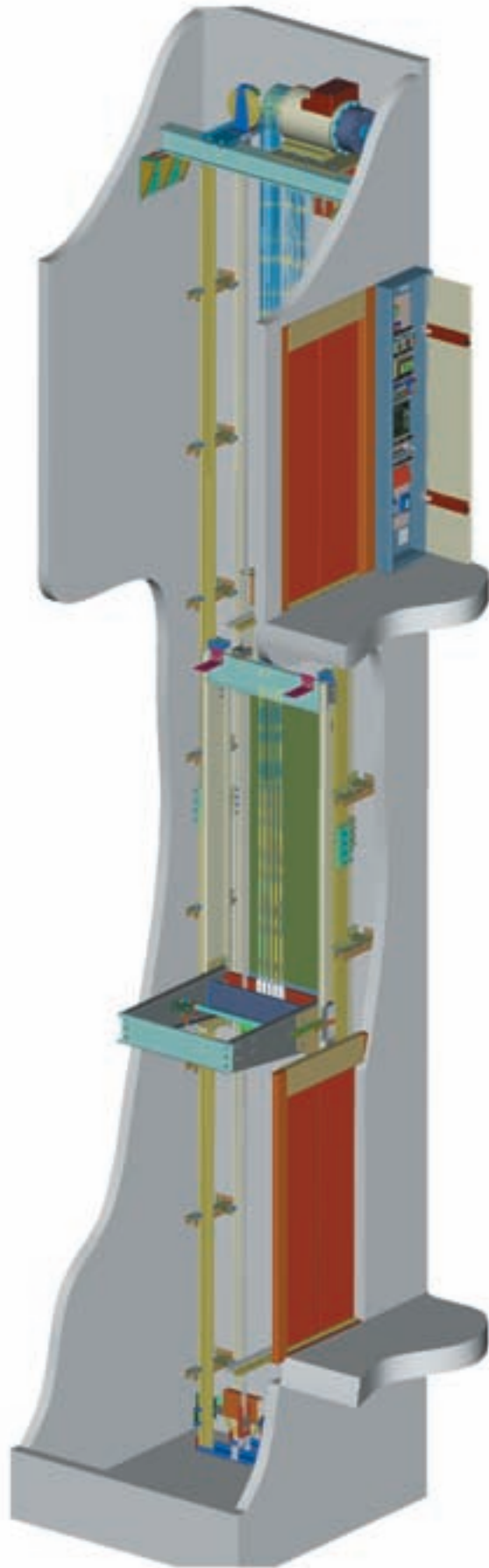
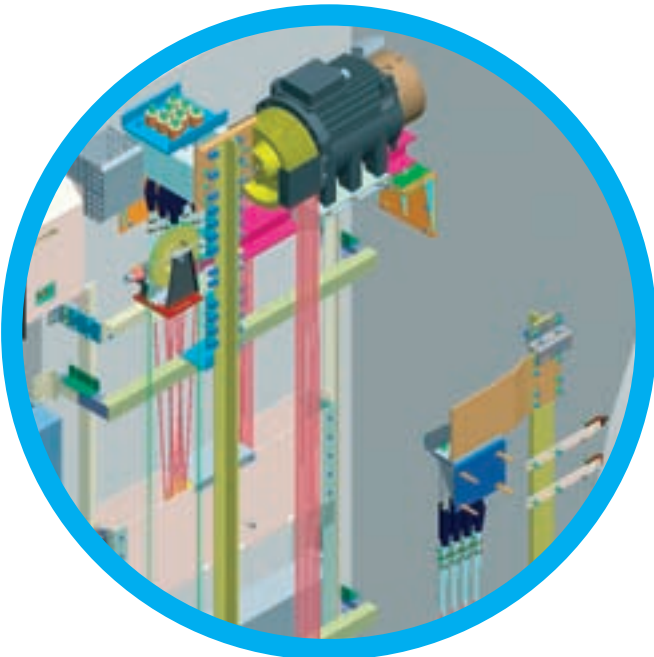
* ATLAS MRL for rated load up to 1050 kg is offered with 1:1 roping for customized gearless solutions (see customized gearless solutions)

	ATLAS _{MRL} Gigas1275	ATLAS _{MRL} Gigas1600	ATLAS _{MRL} Gigas1800	ATLAS _{MRL} Gigas2000	ATLAS _{MRL} Gigas2500
RATED LOAD	1275 kg	1600 kg	1800 kg	2000 kg	2500 kg
PERSONS	17	21	24	26	33
ROPING	2:1*				
Max TRAVEL (m)	45				
NUMBER OF STOPS	16				
Max SPEED (m/sec)	1,6 m/sec				
Min PIT DEPTH (mm)	1200 (U ≤ 1,0 m/sec) 1350 (U > 1,0 m/sec)				
Min HEADROOM (mm)	3000 (U ≤ 1,0 m/sec)** 3200 (U > 1,0 m/sec)**				
CABIN SLING WEIGHT (kg)	530 - 600				620
CABIN WEIGHT (INCL. DOORS) (kg)	1400	1400	1500	1500	1800
CABIN DIMENSIONS (width x depth)	1400x2000 1200x2300	1600x2100 1400x2400	1600x2350 1500x2500	1700x2350 1500x2700	1800x2700
CABIN GUIDE RAILS	T125x82x16				
COUNTER WEIGHT GUIDE	T70x70x9/T89x62x16				
Max DISTANCE BETWEEN GUIDE BRACKETS (mm)	2000mm, for T70x70x9 counterweight guides / 3000mm for T89x62x16 counter weight guides				2000 mm
ROPES	DRAKO 250T Ø10				
NUMBER OF ROPES	6 x Ø10	7 x Ø10	8 x Ø10		
MACHINE	GEARLESS PERMANENT MAGNET				
CABIN DBG	depending on the shaft				
COUNTERWEIGHT DBG	1400				
Max No OF CABINS DOORS	2*				

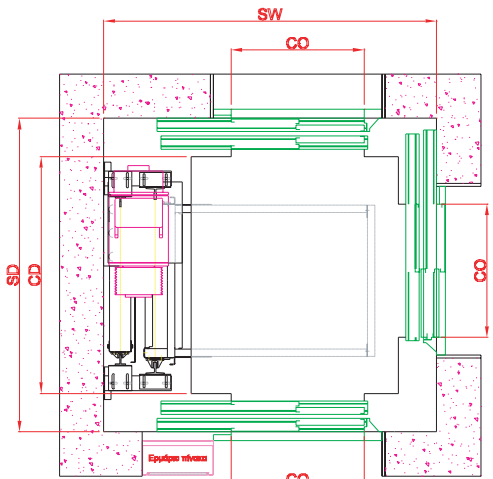
* ATLAS MRL for rated load up to 1050 kg is offered with 1:1 roping for customized gearless solutions (see customized gearless solutions)
** For U= 1,0 m/s gross cabin height 2340 mm and door's clear height 2000 mm. Not according to EN 81.1

In special constructions, KLEEMANN offers you the choice of 1:1 roping.
This solution is ideal when there is a demand for:

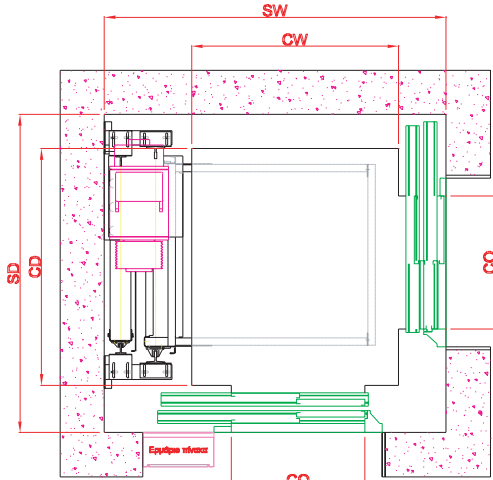
- ▶ Doors in adjacent
- ▶ Up to 3 cabin entrances for up to 13 persons
- ▶ Panoramic – scenic lifts with 2 glass walls
- ▶ Flexible shaft planning due to cantilever design
- ▶ Higher rated loads



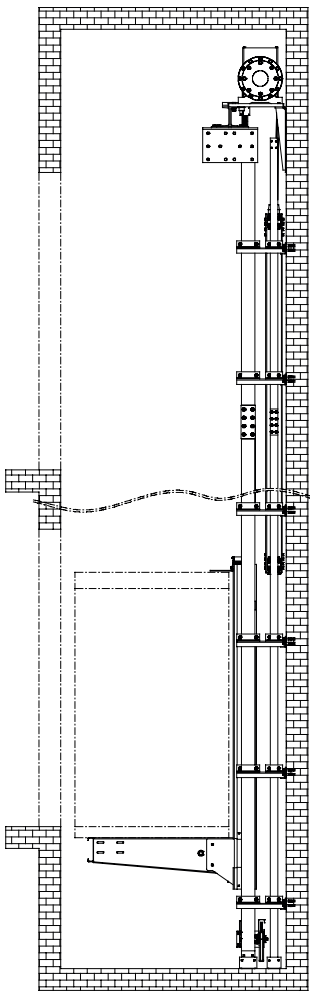
Technical Characteristics Atlas 1:1	ATLAS _{MRL} 630	ATLAS _{MRL} 1050
RATED LOAD	630 kg	1050 kg
PERSONS	8	13
ROPING	1:1	
Max TRAVEL (m)	45	
NUMBER OF STOPS	16	
Max SPEED (m/sec)	1,6 m/sec	
Min PIT DEPTH (mm)	1300 mm	
Min HEADROOM (mm)	For U ≤ 1,0 m/sec, Y.T.O. = 3600, when 2100 mm cabin height or 3700, when 2200mm cabin height For U > 1,0 m/sec, Y.T.O. = 3700, when 2100 mm cabin height or 3800, when 2200mm cabin height	
CABIN SLING WEIGHT (kg)	300	350
CABIN WEIGHT (INCL. DOORS) (kg)	770	1200
CABIN DIMENSIONS (width x depth)	1100x1400	1400x1600, 1100x2100
CABIN GUIDE RAILS	T89x62x16	T90x75x16 / T125x82x16 / T127x89x16
COUNTER WEIGHT GUIDE	T50x50x5	T50x50x5 / T70x70x9 / T75x62x10
Max DISTANCE BETWEEN GUIDE BRACKETS (mm)	1500mm for T89x62x16 cabin guides and for T50x50x5 counterweight guides 2250mm for T125x82x16 cabin guides and for T75x62x10 counterweight guides	1250mm for T90x75x16 cabin guides and for T50x50x5 counterweight guides 1500mm for T125x82x16 cabin guides and for T70x70x9 counterweight guides 2000mm for T127x89x16 cabin guides and for T75x62x10 counterweight guides
ROPES	DRAKO 250T Ø8mm	
NUMBER OF ROPES	6 x Ø8mm	10 x Ø8mm
MACHINE	GEARLESS PERMANENT MAGNET	
CABIN DBG	depending on the shaft	
COUNTERWEIGHT DBG	750 ÷ 900	1000 ÷ 1200
Max No OF CABINS DOORS	3	3



1050 kg / 3 side opening doors



1050 kg / 2 side opening doors



ATLAS_{MRL} 630 Kg

Planning data



▶ Large variety of cabins with high aesthetics



ATHENA

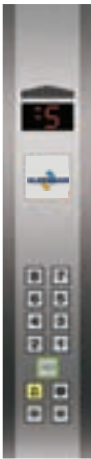


IFIGENIA



DANAE

▶ Several types of stylish car and landing operating panels



▶ Automatic doors with VVVF operator

▶ Telescopic automatic door available with a large variety of finishes

▶ Landing and control locker doors according to DIN 18091

