



MODERNISATION SOLUTIONS



KLEEMANN
Your 1st Choice in Lifts





KLEEMANN MODERNISATION SOLUTIONS

Custom MOD

MOD Kits

Full MOD

KLEEMANN Modernisation offers you customised, reliable and compatible solutions.

From full or partial modernisation to components' replacement and special solutions, KLEEMANN Modernisation upgrades the user's experience affecting both the aesthetic and the mechanical part of the elevator.



Modernise and Benefit from:

- Enhanced safety
- Energy saving
- Cost- efficiency
- Excellent ride quality
- Exquisite Design & Aesthetics

Contact us at
modernisation@kleemannlifts.com

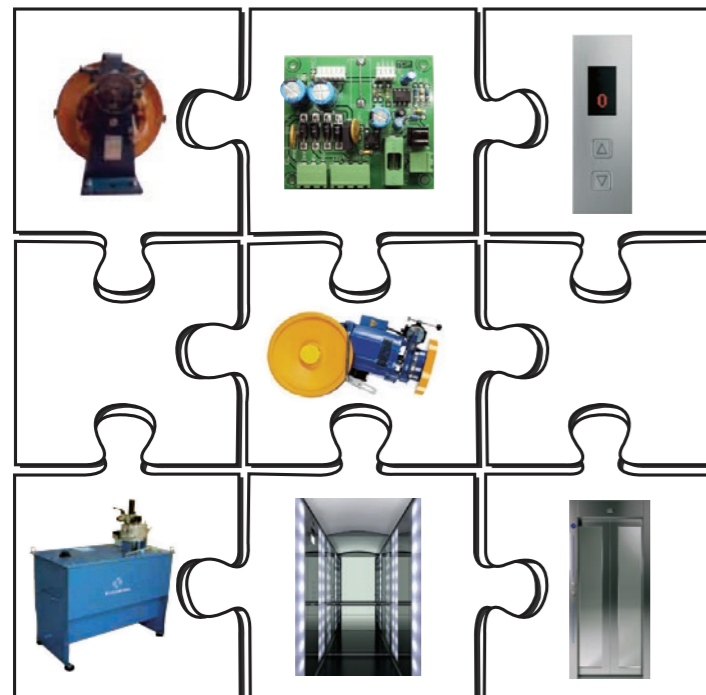


Custom MOD

KLEEMANN Custom MOD solutions are flexible and tailor-made to your needs. Our engineers are experts in providing you the most suitable, customised solution to improve the safety, efficiency and aesthetics of your lift free of charge and delays.

Our products ensure trouble-free operation of your lift and compatibility with existing components.

Choose from a wide range of options and find those that match your requirements.



- Safety Components
- Controllers
- Operating Panels
- Hydraulic and Traction Drives
- Cabins
- Doors



A strong team of experts in modernisation, will thoroughly examine each specific project and suggest the best improvements. Our tailor-made solutions and unique designs guarantee a perfect result for every building's requirements.

No matter how demanding the project is, we will work together for the best solution.

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MOD Kits

You can either choose from the MOD Kits we designed or select separately the components which best meet your needs and get your own enhanced solution.

MODKit 1: Safety

Safety kit ensures the safe operation of the lift for both passengers and technicians.

Passenger

- Car door and apron
- Car safety lights
- Light barrier
- Landing door locks
- Emergency auto dialer in the car

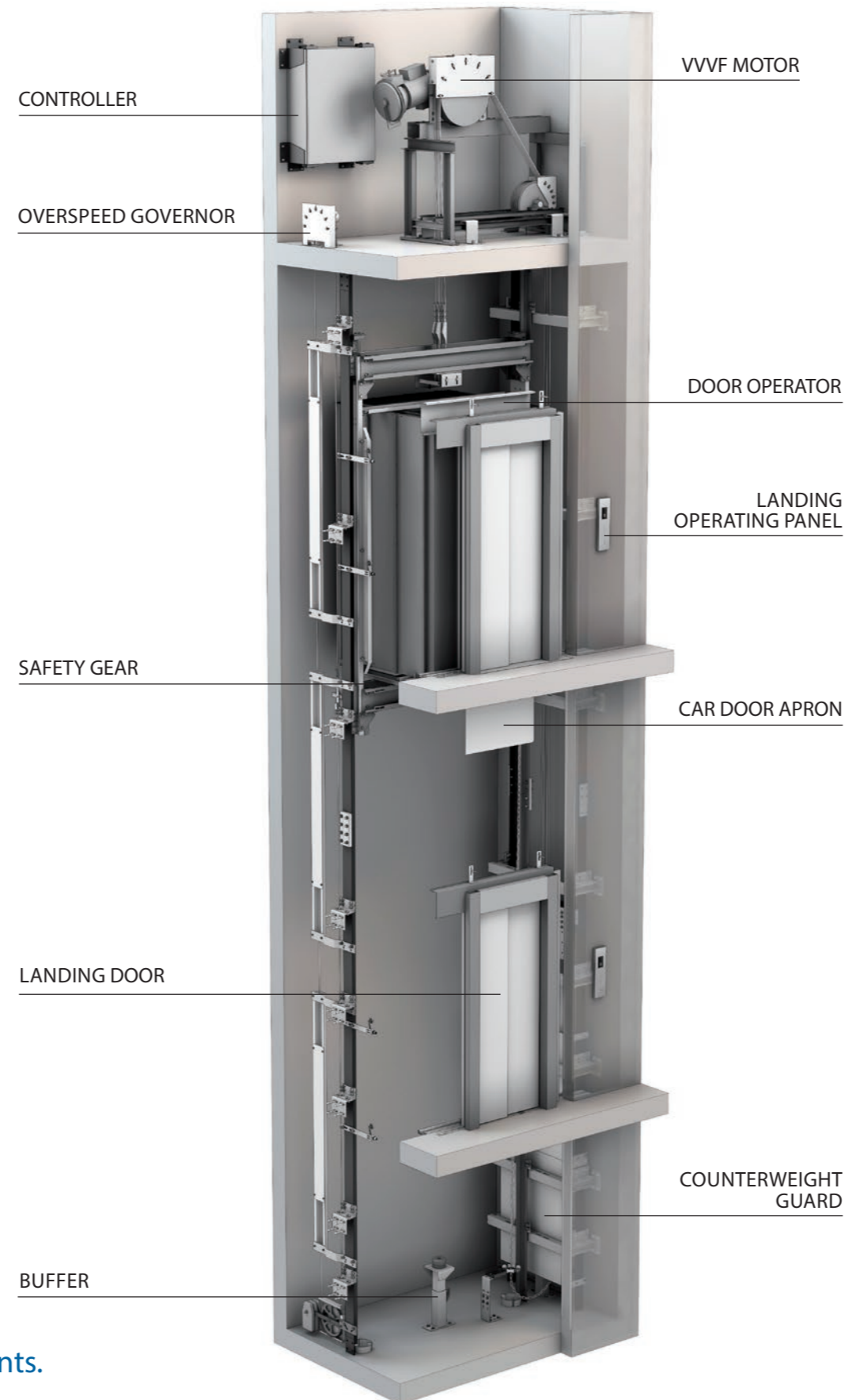
Maintenance/Personnel

- Counterweight guard
- Car roof balustrade
- Shaft lights
- Pit ladder
- Intercom in the shaft

Overall operation

- Overspeed governor
- Safety gear conversion kit
- Buffers and wire ropes
- Rope gripper or new VVVF motor with break
- Limit switches and position sensors

KLEEMANN MOD Kits provide you solutions that meet all standards and safety requirements.



MODKit 2: Efficiency

Efficiency kit ensures excellent ride quality and reduces energy consumption.

- VVVF Gearless drive or Hydraulic power unit with frequency inverter
- Serial bus controller with standby mode
- Operating panels and indicators
- Door operator
- LED light inside the car
- New guide shoes or rollers
- Halogen-free wiring

Additional options to maximise energy saving

- Low power consumption shaft lights
- Power regeneration system
- Destination control for multiplex systems
- Suspension conversion kit from 1:1 to 2:1



MODKit 3: Aesthetics



At KLEEMANN we value aesthetics and we invest on it. Our Design department in cooperation with the world famous designer Andreas Zapatinas gives you a wide range of design options that perfectly fit your space.

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Full MOD

In case of full replacement, our wide product range of traction and hydraulic lifts will fulfill any project's requirements.

Flexy Lift, Atlas Basic, Atlas RPH and Atlas Gigas are ideal traction solutions for existing buildings even with narrow shafts and reduced pit and headroom dimensions.

Technical Specifications	Flexy Lift	Atlas Basic	Atlas RPH	Atlas Gigas
Rated Load (Kg)	up to 1000	up to 1000	up to 1050	up to 2500
Suspension	1:2	2:1	"1:1 for rated load up to 450 2:1 for rated load more than 450"	2:1
Machine Room	MR or MRL	MRL	MRL	MRL
Max Travel (m)	up to 25	up to 45	up to 40	up to 28
Max Number of entrances	3	2	3	2
Max Rated Speed (m/sec)	1	1.6	1	1.6
Min Pit Depth (mm)	800	1100	320	1100
Min Headroom (mm)	2600	3400	2600	3500



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