



## Modernization Electronics Kit



**KLEEMANN**  
Your 1st Choice in Lifts



## MODERNIZATION SOLUTION GENIUS20

KLEEMANN Modernization offers you customized, reliable and compatible solutions. From full or partial modernization to components' replacement and special solutions, KLEEMANN Modernization upgrades the user's experience affecting both the aesthetic and the mechanical part of the elevator.

## Improve your lift's safety, performance and reliability with KLEEMANN GENIUS20

- **VERSATILITY.** No need to change other parts. Genius20 is compatible with most machines and doors of the market\*.
- **SAFETY.** Upgrade to all the newest Safety Standards.
- **ENERGY EFFICIENCY.** Genius20 with VVVF reduces your energy consumption compared to layout without inverter. To minimize your energy consumption combine it with our stand by mode and regeneration drive.
- **SMOOTH** and **PRECISE** ride. Genius20 offers you maximum comfort and an excellent ride quality.
- **ADVANCED CONNECTIVITY** with BMS and IoT solutions
- **COMPLETE** electronics kit. Renew your elevator with KLEEMANN Genius20.
- **FLEXIBILITY.** Genius20 solution for various MRL models.\*



KLEEMANN also offers modernization solutions in order to upgrade hydraulic lifts that combine both:

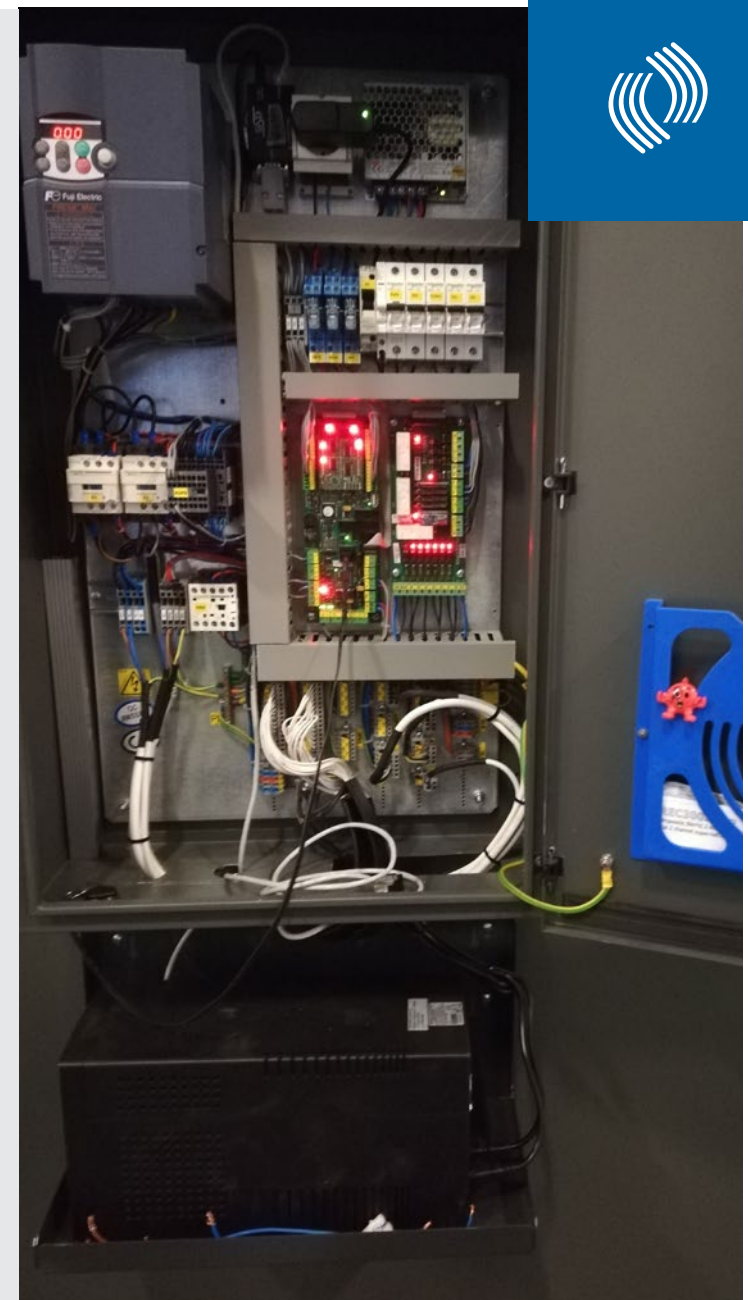
- Energy Saving
- Excellent Ride Quality

Our team of experts can help you find the best solution to modernize your elevator.

\* CONTACT US AT  
[modernisation@kleemannlifts.com](mailto:modernisation@kleemannlifts.com)

## KLEEMANN Genius20 Specs

|                                     |                                 |
|-------------------------------------|---------------------------------|
| Number Of Stops                     | 2-48                            |
| Speed (m/s)                         | Up to 3.0                       |
| Traction Manufacturer Compatibility | with most motors of the market* |
| Type of Valve's Block               | with most valves of the market* |
| Call's Automation                   | All Options                     |
| Lift Automation                     | All Options                     |
| Standard                            | All Options                     |
| Safety Standards                    | All Options                     |
| Number of COP (s)                   | Up to 2                         |
| Entrances Served                    | Up to 3                         |
| Car Door Compatibility              | Automatic, Folding Bus          |
| Short Flooring (mm)                 | 300                             |
| Common DC                           | + Positive                      |
| Voltage Of Button Panels (V)        | 24                              |
| Double Selective                    | Yes                             |



|                                |                                  |
|--------------------------------|----------------------------------|
| Power Of Controller            | Up To 55kw                       |
| Lift's Automation              | All Options                      |
| Start-Up                       | All Options                      |
| Emergency Evacuation           | All Options                      |
| Relevelling                    | All Options                      |
| Button Panels Direction Arrows | All Options                      |
| Fireman Service                | All Options                      |
| Inverter Type                  | Zetadyn, STEP & Fuji Frenic LM2A |



# OPERATING PANELS

Refresh the aesthetics of your elevator



DKC  
Surface Mounted

**Dimensions**  
(W) 200 mm x  
(D) 24 mm (H) 1000 mm

HALO SC600  
Car Operating  
Panels

**Dimensions**  
(W) 225 mm x  
(D) 14 mm (H) 1900 mm

AKC-BES  
Flush Mounted

**Dimensions**  
(W) 200 mm x  
(H) 1900 mm



AKL 102    AKL 005

**Dimensions**  
(W) 85 mm x (H) 265 mm



AKL 241    AKL 242

**Dimensions**  
(W) 210 mm x (H) 250 mm

Colors may differ slightly from those shown in the brochure, owing to the limitations of the printing process.

Pictures of the materials illustrate detailed part of each material and not its rendering on the cabin surface.

# OPERATING PANELS

Refresh the aesthetics of your elevator

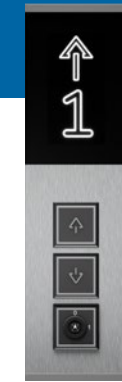


FTL 101    FTL 102  
Slim    Slim

**Dimensions**  
(W) 108 mm x (D) 10 mm x (H) 230 mm



FTL 001    FTL 002  
Slim    Slim



HALO SL621  
**DIMENSIONS WITH  
DISPLAY**  
(W) 95 mm x (D) 14 mm  
x (H) 335 mm



HALO SL630  
**DIMENSIONS WITHOUT  
DISPLAY**  
(W) 95 mm x (D) 14 mm  
x (H) 225 mm

## INDICATORS & BUTTONS



FTHL Inox Slim  
**Dimensions**  
(W) 230 mm x (D) 10 mm  
x (H) 108 mm



HALO SH600  
**Dimensions**  
(W) 335 mm x (D) 14 mm  
x (H) 95 mm



Card reader



Secret code



MT-42

**Dimensions**  
(W) 39 mm x  
(Y) 39 mm



RT-42  
Antivandal

**Dimensions**  
ø 30 mm



B37Q

**Dimensions**  
(W) 37 mm  
x (H) 37 mm



B37R

**Dimensions**  
ø 37 mm



HA1515  
Touchless

**Dimensions**  
ø 37 mm



H40Q

**Dimensions**  
(W) 40 mm x  
(Y) 40 mm

# AUTOMATIC / FOLDING DOORS

Comply with the latest safety standards



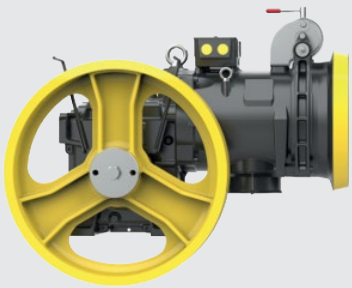
Central Full Glass



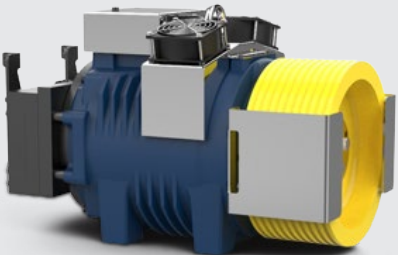
Bus FD320

# MOTORS & POWER UNITS

Improve your riding quality



Geared



Gearless



[kleemannlifts.com](https://kleemannlifts.com)

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