



BREAKELL
LIFTS

Hydraulic and Traction Lifts

Hydraulik und Seilaufzüge



ENG D



KLEEMANN Green Edition Hydraulic and Traction Lifts

Based on continuous research and innovation, KLEEMANN constantly upgrades its products by equipping them with environmental friendly features that offer extra benefits and lower costs for their use.

The New Generation of Green Edition Hydraulic & Traction Lifts differs from the conventional technology and provides excellent motion quality while saving energy up to 50%.

Advantages compared to conventional lifts

Hydraulic Lift Green Edition

C-LRV electronic valve, inverter drive, special automation circuits

- Up to 50% lower energy consumption
- Excellent motion quality by means of the C-LRV electronic valve, regardless of load or temperature
- Optimum level stopping precision (full compliance with the new EN 81-2/A3 standard)
- No oil cooler required
- Y-delta or soft starter systems and power-factor correction arrangements no longer required
- Reduced starting current (lower installed power required in building)
- Automatic adjustment of speed according to the load being transported, which means even greater energy savings

Traction Lift Green Edition

Gearless motor, inverter drive, standby-mode panel.

- Up to 55% lower energy consumption
- Excellent motion quality
- Optimum level stopping precision (full compliance with the new EN 81-1/A3 standard)
- Reduced starting current (lower installed power required in building)

Features

- Inverter drive (VVVF)
- LED-technology cabin lighting
- Gearless motor
- for Traction Lift
- Electronic panel with special stand by-mode operation (Inverter, lighting and display are shut off when the lift is not in motion)
- Preset inverter and panel settings, for easier installation



Each Green Edition Lift is accompanied by energy study and declaration for the energy consumption categorization by VDI 4707-1.

*Hydraulic Green Edition PLUS

Further reduction of energy consumption by means of a counter-weight. Please contact our sales department for more information.



Case Study

Lift description	Hydraulic lift, rated load 630 kg, speed 0.63 m/s, 5 stops, apartment building	Traction lift, rated load 630 kg, speed 1 m/s, 11 stops, travel 30 m, public office building
Total consumption	1.952 KWh/year	8.452 KWh/year
Green Edition consumption	1.222 KWh/year	4.102 KWh/year
Energy Saving	37%	52%

Sample diagram: Power required from an office building lift

