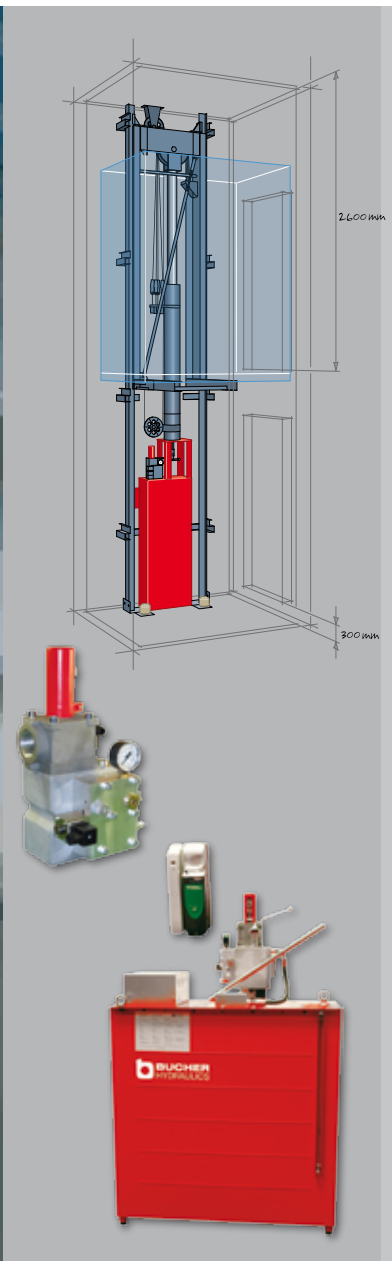
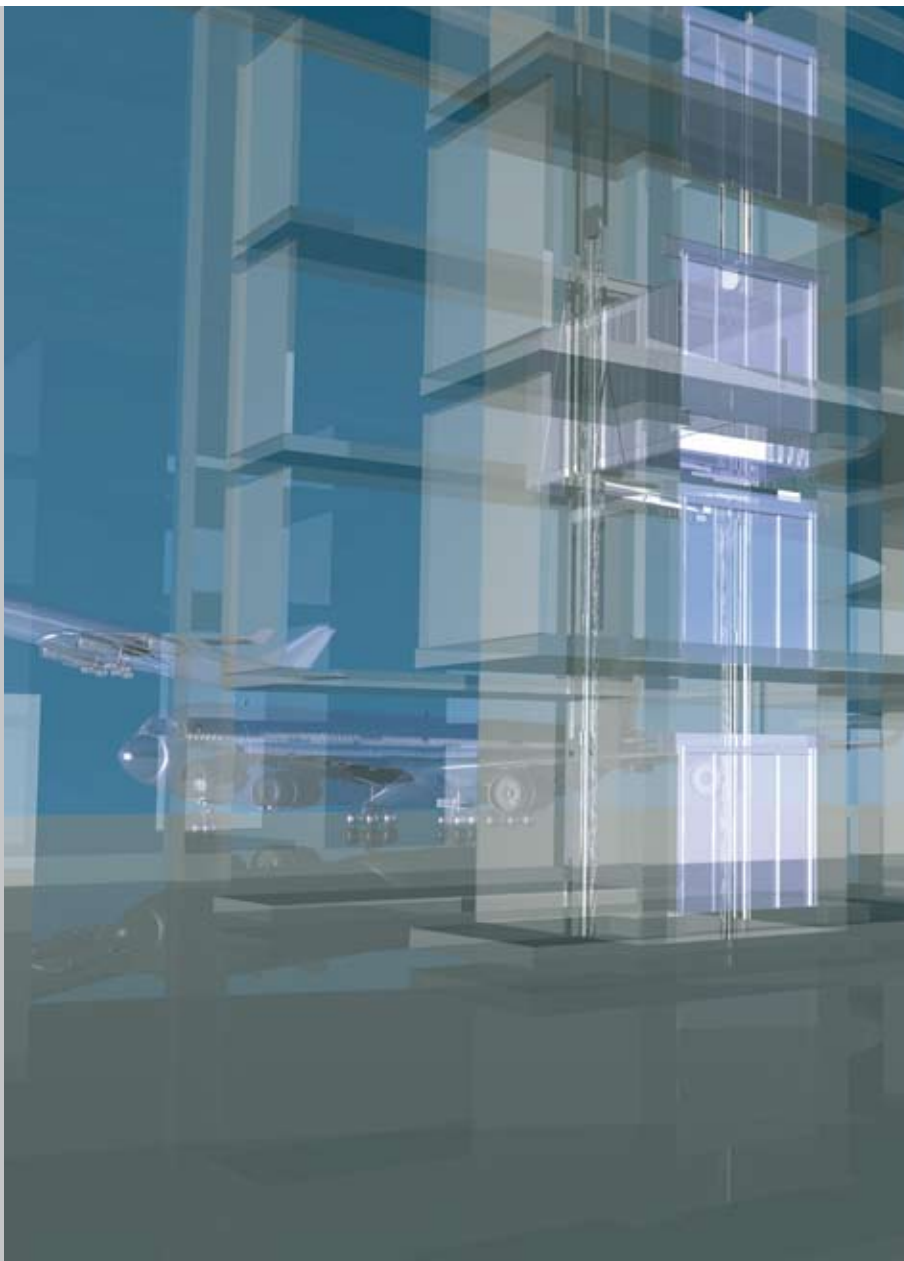


Hydraulic Lift Drives

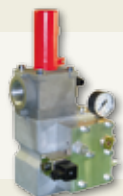
Product Overview



Products

The Bucher Hydraulics range

Bucher Hydraulics offers a wide range of hydraulic lift components.



Electronically controlled lift valves (LRV)

Bucher Hydraulics lift control valves provide unsurpassed ride comfort, irrespective of load and temperature.

All lift control valves are factory preset to the installation-specific parameters. This reduces the on-site installation time to the minimum.

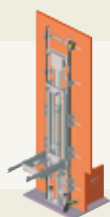


Power units

Compact Line: the good-value package solution with the innovative synthetic tank and the C-LRV electronically controlled lift valve.

Comfort Line: the standard power unit with the LRV-1 electronically controlled lift valve offers unlimited application possibilities and numerous options.

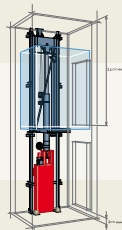
Economy Line: the high-performance, economical, and low-noise drive solution with the VF-LRV electronically controlled lift valve reduces energy consumption by up to 80% in comparison with mechanically controlled hydraulic lift installations.



Car frame kits

Pluto: The range of side-ram car frame kits is suited for hydraulic passenger and goods/passenger lifts with payloads up to 1,600 kg.

Jupiter: The range of tandem car frame kits is suited for hydraulic goods/passenger lifts with payloads up to 6,000 kg.



MRL-drive systems (machine room-less)

BERIPAC™: the system offers maximum travel performance with minimum energy consumption.

Tiger: the best system for the optimum shaft utilisation.



Modernisation

MULTIKIT: the route to perfect modernisation of a hydraulic lift drive, without time-consuming and costly replacement of the lift controller.

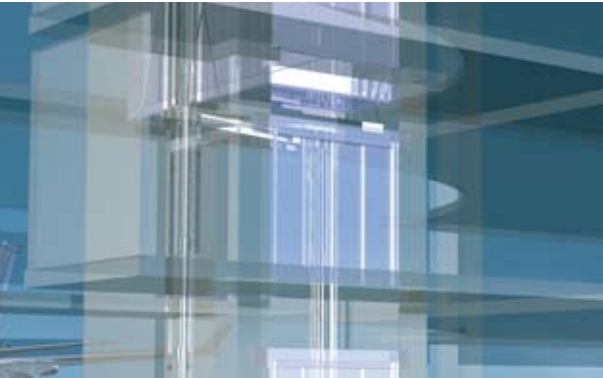


Cylinders

Versatile, robust and reliable.

Hydraulic lift drives

Areas of application



Public buildings such as airports, train stations and shopping centres

Transport needs

- People and goods

Requirements

- Unsurpassed ride comfort
- High level of travel performance
- No overheating during peak periods
- Maximum availability

The ideal Bucher Hydraulics solution is the Economy Line.



Privat houses and apartment buildings

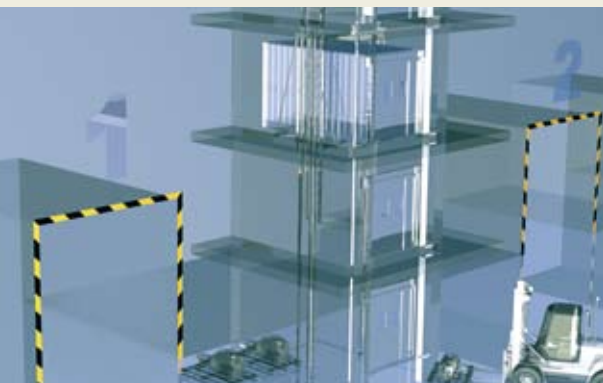
Transport needs

- People

Requirements

- Space-saving design
- Low noise emissions
- Low operating and service costs
- No visible shaft head

The ideal Bucher Hydraulics solutions are the Compact Line, Comfort Line, Economy Line or the Tiger MRL System.



Commercial buildings

Transport needs

- People and goods

Requirements

- High payload
- Maximum availability
- No overheating
- Robust and reliable

The ideal Bucher Hydraulics solutions are the Comfort Line or the Jupiter tandem car frame range.



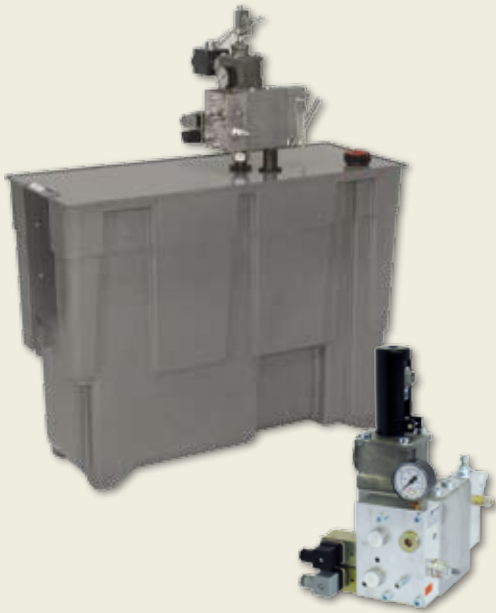
Modernisation

The tailor-made Bucher Hydraulics solution for modernisation of hydraulic lifts – without having to replace the lift controller.

1 working day + MULTIKIT = a new travel experience

Hydraulic solutions for lifts

Innovation and technology



Compact Line

Equipped with the C-LRV electronically controlled lift valve, Compact Line is the good-value package solution for hydraulic standard applications with payloads up to 1,000 kg and travel heights up to 20 m.

- Enhanced ride comfort thanks to the C-LRV electronically controlled lift valve
- Light and stable thanks to the latest polymer technology
- Practical and clever design
- Short installation time
- Minimal space requirement

Based on the proven LRV electronically controlled lift valve, the low-cost C-LRV was developed for the standardised application range of the Compact Line.



Comfort Line

Comfort Line is the standard power unit, equipped with the LRV-1 electronically controlled lift valve. The wide range of application is supported by numerous options. This product can be used up to a total load of 40,000 kg and a travel height of 25 m.

- The LRV-1 electronically controlled lift valve has proven itself in decades of service
- Superior ride comfort, irrespective of load and temperature
- Broad application field
- Low maintenance

The LRV-1 electronically controlled lift valve, reduces energy consumption and offers short travel times and a high level of ride comfort, irrespective of load and temperature.

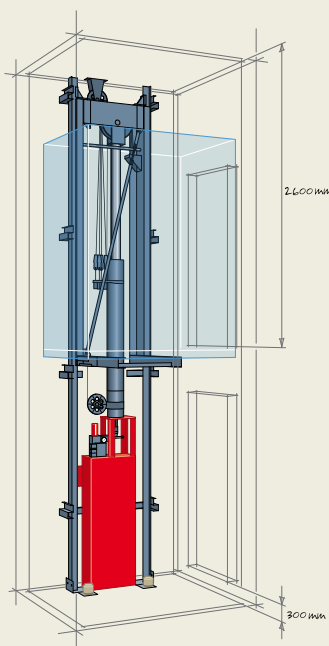


Economy Line

Economy Line is the energy saving, variable frequency hydraulic drive system for lifts that are used at up to 120 travels per hour – without oil cooling, and with the ultimate in ride comfort. Economy Line can be used for payloads up to around 3,000 kg and travel heights up to 20 m.

- High number of travels
- Minimal noise emissions
- Energy savings of up to 80%
- No oil cooler is needed
- Savings in machine-room ventilation or air conditioning

For new installations and for modernisation, Economy Line guarantees maximum travel performance. The VF-LRV electronically controlled lift valve solves problems of overheating, inadequate electrical supply ratings, or high noise levels.



MRL-System Tiger

The Tiger MRL system offers optimum shaft utilisation for payloads up to 1,000 kg and travel heights up to 18 m.

- Minimum shaft pit is 300 mm
- Minimum shaft head is 2600 mm
- Maximum cabin floor area
- Free choice of cabin and control system
- Can be used with variable-frequency drive
- Variant for machine rooms can be supplied

The Tiger MRL system combines proven hydraulic lift drive technologies with greater design freedom for architects. The system leaves the lift builder with a free choice of cabin and controller.

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