

Product Overview

## Hydraulic Elevator Drives

Hydraulic solutions for elevators

# Innovation and Technology

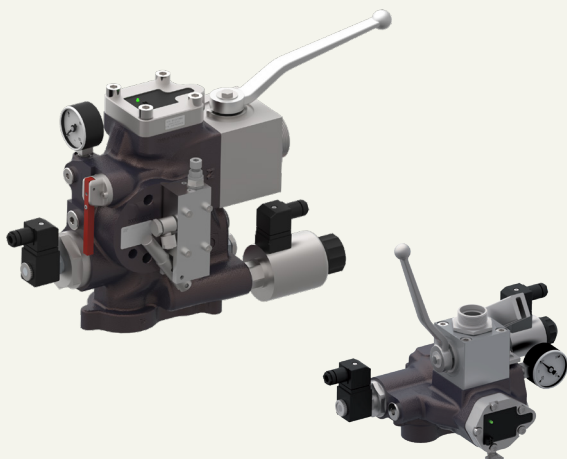
## iValve

„Maximum ride comfort with no installation effort“

Bucher Hydraulics launches lift power units in all sizes for small passenger elevators as well as for large goods lifts.

The iValve is another revolutionary innovation of Bucher Hydraulics. This valve contains all advantages of the approved LRV-1 and follows trends and changes in the hydraulic market. Many content customers confirm the progress. Ask for a quotation today and allow yourself to be.

- Save up to 70 % installation time
- Save up to 30 % energy
- Highest level of safety
- First-class ride quality
- Targeted and cheap maintenance by the advantages

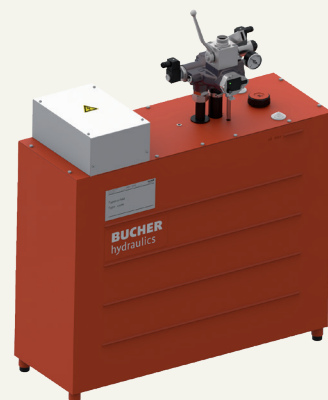


## Comfort Line

The iValve electronic elevator valve reduces energy consumption and offers fast travel times and a high level of ride comfort, regardless of load and temperature.

Comfort Line is the standard power unit, equipped with the iValve electronic elevator valve. The wide range of application is supported by numerous options. This product can be used up to a total load of 88,200 lbs and a travel height of 82 ft.

- The iValve electronic elevator valve has proven itself in decades of service
- Superior ride comfort, regardless of load and temperature
- Broad application field
- Low maintenance



## Eco Line

For new installations and for modernization, Eco Line guarantees maximum travel performance.

The VF-iValve electronic elevator valve solves problems of overheating, inadequate connected power size, or high noise levels.

Green Line is the energy saving, variable frequency hydraulic drive system for elevators that are used up to 120 travels per hour – without oil cooling, and with the ultimate in ride comfort. Green Line can be used for payloads up to around 6,600 lbs and travel heights up to 65 ft.

- High traffic volume and travel per hour
- Minimal noise emissions
- Energy savings of up to 80 %
- No oil cooler is needed
- Savings in machine-room ventilation or air conditioning



## Cylinders

These single acting, robust and reliable cylinders are intended for use in hydraulic elevators.

The Bucher Hydraulics portfolio includes various designs.

### Plunger Cylinder:

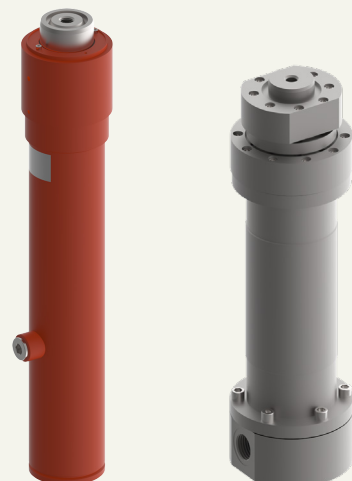
The plunger cylinder BZG is suitable for personnel and freight elevators. For each piston rod are different cylinder diameters and wall thicknesses available.

### Synchronised Telescopic Cylinder:

The synchronised telescopic cylinder from the series BGLZ are single acting and its particular design principle produces uniformly-distributed lifting and lowering speeds.

Telescopic cylinders are used especially in central arrangements.

- Very good sliding motion
- Long service life
- Deliveries in several parts possible (plunger cylinder)



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 are the Eco 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 solution are the Comfort Line

## Commercial buildings

### Transport needs

- People and goods

### Requirements

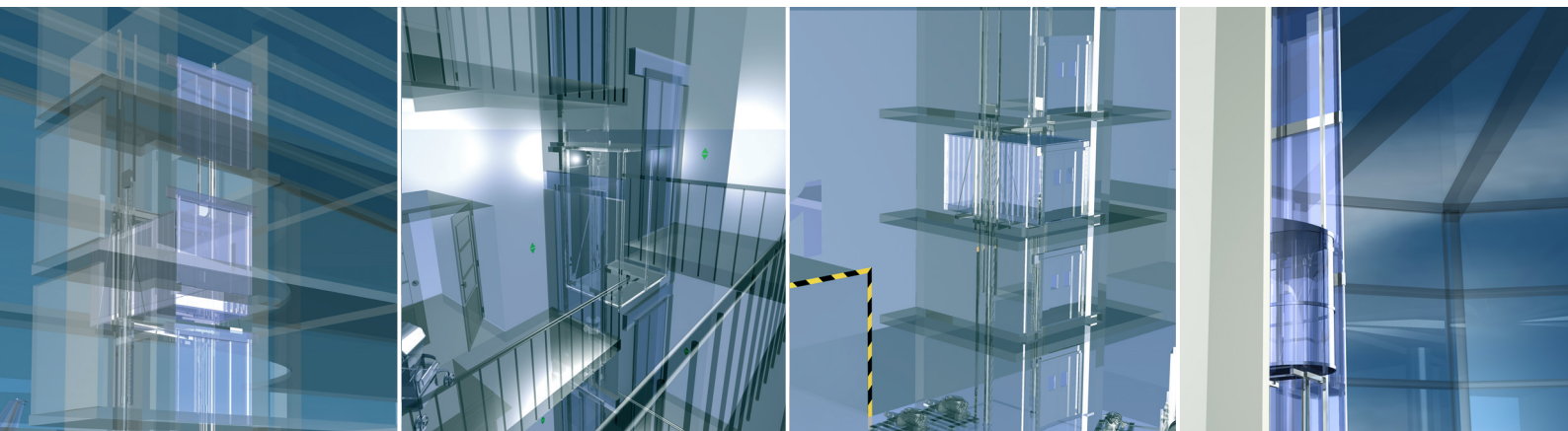
- High payload
- Maximum availability
- No overheating
- Robust and reliable

The ideal Bucher Hydraulics solution are the Comfort Line

## Modernisations

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!**



## Smart Solutions. Superior Support.

For further information please do not hesitate to contact us.

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