

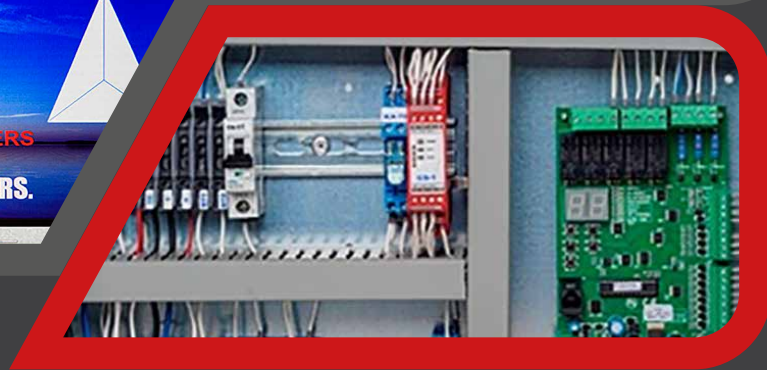
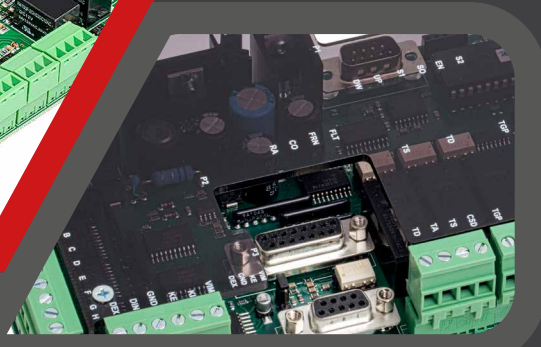
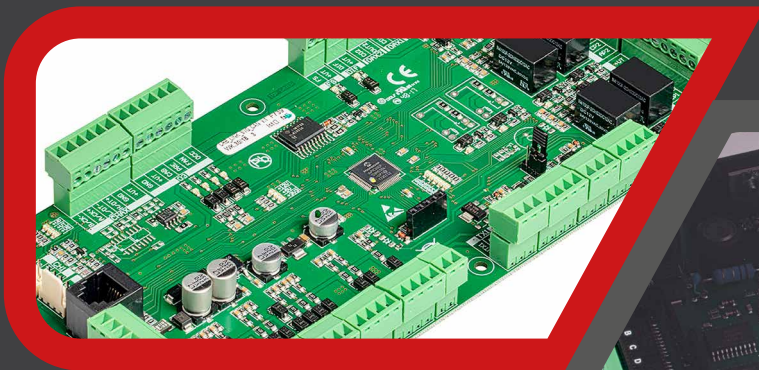


LCP SRL



PEW Electrical
Distributors

HYDRAULIC & TRACTION
CONTROL PANELS FOR LIFTS



CATALOGUE

MODERNISE WITH SIMPLICITY





Customer Service

As a leading supplier of lift industry specific control systems, we understand the importance of engineers' familiarity and confidence with the systems they are working with, particularly during the important installation and commissioning period. We have provided an entirely free of charge control panel familiarisation training service for some years.

Precise and efficient, our Customer Service uses the most up-to-date technology in order to be constantly and immediately available to satisfy all our clients' requirements

Our jewel in the crown is unquestionably the specialized technical assistance supplied by our qualified staff who can provide help by phone or e-mail, supporting our clients' needs at any installation phase of our products.



A GOOD REASON TO CHOOSE LCP

The best SERVICE

LCP the choice.



SIMPLE

All the technical assistance is stored in our Assistance Database, in order to have a history of assistance provided: if we receive frequent requests for assistance or information regarding the same issue, we carry out a product review or improve the technical documentation. The main goal of our Customer Service is to reduce the amount of requests for information by providing user-friendly products and complete, easy-to-read documents.



QUICK



ECONOMIC

We can deliver free technical training at our site or directly at the customer's premises or at the installation site.

Our standard documentation is available in several language.

Our customer service also provides help during the sales and after-sales phases in several languages (ITA, ENG, FRA, POR, SPA, DEU, RUS, POL, SLO).



PLUG & PLAY



TECHNOLOGICAL

CERTIFICATIONS

the highest **QUALITY**
for a service of **EXCELLENCE**



As required by EN81-20 (point 5.6.7.3), uncontrolled movement of the lift must be prevented. Brake operation, the speed governor and safety valve must be controlled using a certified system. Controllers are fully compliant with standards, as demonstrated by the results of tests conducted at the IMQ Institute.



HOMELIFT

Small and compact, our Platform Controller with SMART Control Board is the best that the market can offer.

Dedicated to more simple plant management, such as platforms, our controller includes all the essential functions of a simple, affordable product.

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Our Configuration with a Serial Communication System at landings and in the car allow provide for reduced cabling costs and installation time. The options available range from the Industrial Platform with Man Present Mode to Homelift with automatic doors and single-call Manoeuvre. All our Controllers work according to UNI EN81-41 directive.

PRODUCT

Hydraulic HomeLift - code HHL



BASIC TECHNICAL FEATURES

STARTING	DIRECT - 1 OR 2 SPEEDS
NOMINAL SPEED	0.15 m/s
RE-LEVELLING MANOUVRE	INCLUDED
DOOR	MANUAL / AUTOMATIC VVVF
CAR POSITIONING BY	MAGNETIC SENSORS
CONNECTION TYPE	PARALLEL / SERIAL - VEGA PROTOCOL
CABINET DIMENSIONS (HxWxD)	500x600x250 MM

HYDRAULIC LIFT

Dedicated to Hydraulic Plants, our controllers are able to satisfy your needs. Our Hydraulic Controllers are all powered by our highly reliable Control Boards, offering outstanding performance and are specifically designed to work with both our own in-house-manufactured equipment (for new installations) and a wide variety of other third-party equipment (for system modernization when it is necessary to re-use existing accessories).

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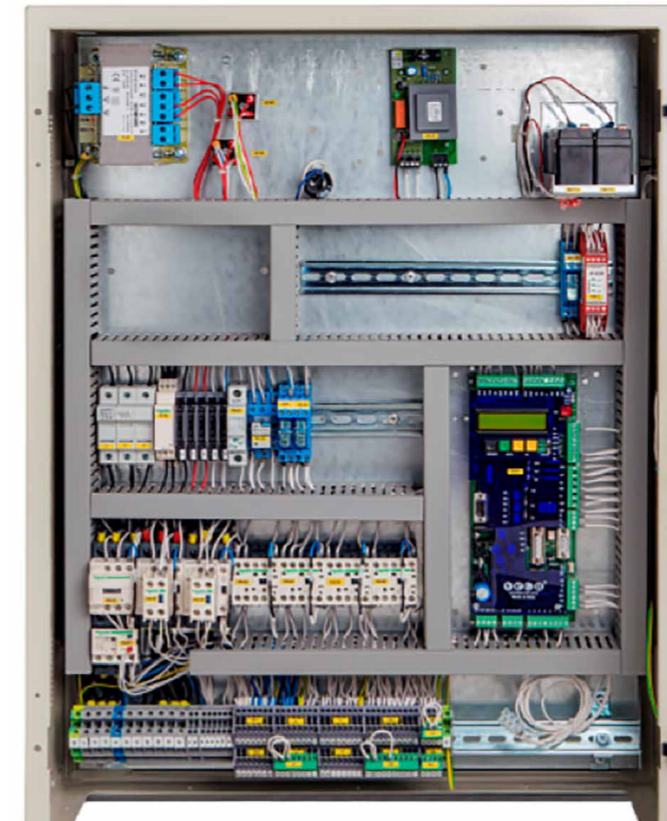
Our range of Control Boards allows a wide range of serial/parallel configurations depending on your needs.

The options available work with an extensive range of hydraulic system designs and a wide variety of hydraulic control valve blocks with differing speeds and control voltages.

All our Controllers work according to UNI EN81-20 / UNI EN81-50 (European Directives for New Installation) and UNI 10411 (European Directives for Modernization).

PRODUCT

Hydraulic Lift



BASIC TECHNICAL FEATURES

STARTING	DIRECT / STAR/DELTA / SOFTSTARTER
NOMINAL SPEED	0.6 m/s
RE-LEVELLING MANOUVRE	INCLUDED
DOOR	MANUAL / AUTOMATIC VVVF
CAR POSITIONING BY	MAGNETIC SENSORS / ABSOLUTE ENCODER ON CAR ROOF
CONNECTION TYPE	PARALLEL / SERIAL
CABINET DIMENSIONS (HxWxD)	800x600x250 MM

TRACTION LIFT

Dedicated to Traction Plants, our controller is able to satisfy your needs. Our Traction Controllers are all powered by our highly reliable Control Boards, offering outstanding performance and are specifically designed to work with both our own in-house-manufactured equipment (for new installation) and a wide variety of other third-party equipment (for system modernization when it is necessary to re-use existing accessories).



WE ARE ABLE TO OFFER DIFFERENT CONTROLLERS:

- **TRACTION 2 SPEED (AC2)**
- **TRACTION GEARED VVVF**
- **TRACTION GEARLESS VVVF (WITH MACHINE ROOM OR MACHINE ROOMLESS)**

OUR RANGE OF CONTROL BOARDS ALLOWS A WIDE RANGE OF SERIAL/PARALLEL CONFIGURATIONS DEPENDING ON YOUR NEEDS.

REGARDING VVVF CONTROLLERS, WE HAVE CHOSEN A "GENERAL PURPOSE" INVERTER, MEANING AN INVERTER THAT CAN BE USED TO RUN SEVERAL BRANDS OF GEARED/GEARLESS MOTOR.

WE ARE ABLE TO MANAGE VARIOUS OTHER KINDS OF INVERTER (GEFRAN, ZETADYN, YASKAWA, SCHNEIDER ELECTRIC, VACON, OMRON, KEB, FUJI). AND IF WE DON'T ALREADY HAVE THE PREDISPOSITION TO MANAGE A CERTAIN TYPE OF INVERTER, WE WILL BE HAPPY TO ADAPT TO YOUR REQUESTS THANKS TO THE ENORMOUS FLEXIBILITY OF OUR SOFTWARE.

ALL OUR CONTROLLERS WORK ACCORDING TO **UNI EN81 20 / UNI EN81 50 (EUROPEAN DIRECTIVES FOR NEW INSTALLATION)** AND **UNI 10411 (EUROPEAN DIRECTIVES FOR MODERNIZATION)**.

PRODUCT

Traction AC2 Speed - code T2S



BASIC TECHNICAL FEATURES

NOMINAL SPEED	≥0.6 m/s
RE-LEVELLING MANOUVRE	NOT INCLUDED
DOOR	MANUAL / AUTOMATIC VVVF
CONNECTION TYPE	PARALLEL / SERIAL
CAR POSITIONING BY	MAGNETIC SENSORS / ABSOLUTE ENCODER ON CAR ROOF
CABINET DIMENSIONS (HxWxD)	500x600x250 MM

PRODUCT

Traction Geared VVVF - code TGD



BASIC TECHNICAL FEATURES

STARTING	VVVF
NOMINAL SPEED	≥0.6 m/s
RE-LEVELLING MANOUVRE	NOT INCLUDED
PRE-OPENING MANOUVRE	NOT INCLUDED
DOOR	MANUAL / AUTOMATIC VVVF
CAR POSITIONING BY	MAGNETIC SENSORS / ABSOLUTE ENCODER ON CAR ROOF
CONNECTION TYPE	PARALLEL / SERIAL
CABINET DIMENSIONS (HXWxD)	800x600x250 MM (OR CUSTOMIZABLE ON REQUEST)

PRODUCT

Traction Gearless VVVF - code TGL



Controller without Machine Room - code TGL -MRL
 Controller without Machine Room POWER Part - code TGLP-MRL
 Controller without Machine Room LOGICAL Part - code TGLL-MRL



Controller without Machine Room LOGIC Part - code TGLI-MRL



Controller without Machine Room code TGI-MRI

BASIC TECHNICAL FEATURES

STARTING	VVVF
NOMINAL SPEED	≥0.6 m/s
RE-LEVELLING MANOUVRE	NOT INCLUDED
DOOR	MANUAL / AUTOMATIC VVVF
CAR POSITIONING BY	MAGNETIC SENSORS / INCREMENTAL ENCODER ON THE MOTOR OR SPEED GOVERNOR / ABSOLUTE ENCODER ON CAR ROOF
CONNECTION TYPE	PARALLEL / SERIAL

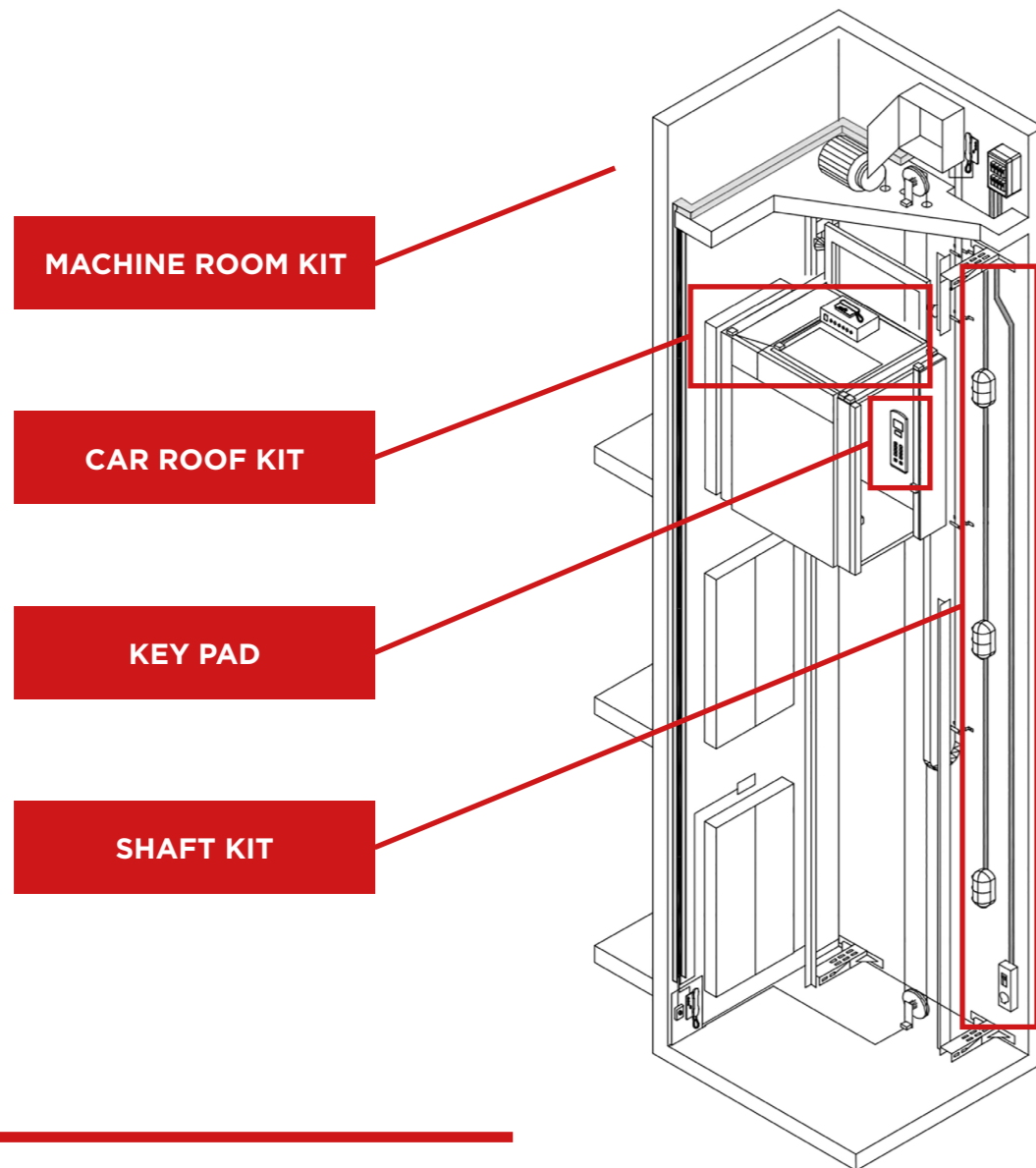
(*) GEARLESS CONTROLLER CABINET DIMENSIONS

	BASIC
MRL CABINET DIMENSIONS	2220x400x330 mm
LOGIC MRL CABINET DIMENSIONS	2100x250x180 mm
POWER MRL CABINET DIMENSIONS	600x800x250 mm

NB: THE CABINET DIMENSIONS CAN CHANGE DEPENDING OF MOTOR POWER, INVERTER DIMENSIONS, TYPE OF RESCUE MANAGEMENT.

ELECTRICAL PREWIRING

The need to reduce installation times has given our Company the incentive to develop a new line of control panels ready to be connected to pre-wired lines. Our proposed method notably simplifies the manual work which, other than positioning the pre-cut cable lengths, requires only the interconnection of the control panels and the various components using fast in-out connectors. **Our PLUG&PLAY Technology covers a variety of lift shafts, to allow quick set-up.**



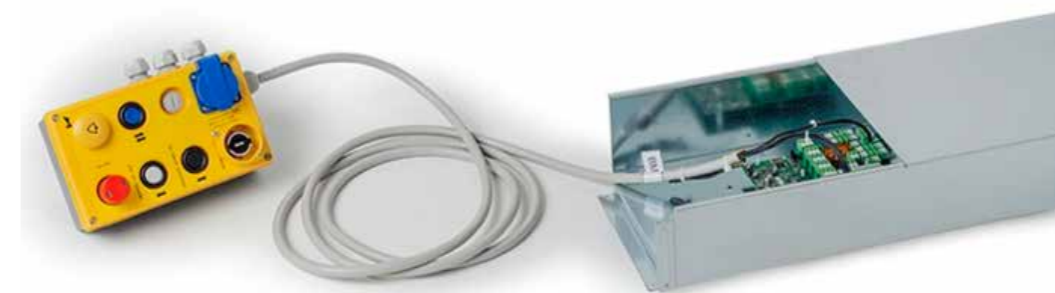
MACHINE ROOM KIT



SHAFT KIT



CAR ROOF KIT



THE MAIN ADVANTAGES FROM USING PRE-WIRED LINES ARE:

- REDUCED INSTALLATION TIME
- REDUCED ERROR POSSIBILITY
- SIMPLER SYSTEM THAT REQUIRES LESS TECHNICAL EXPERTISE IN COMPARISON WITH THE TRADITIONAL CONTROL BOARDS
- RELIABLE SYSTEM THANKS TO THE RAPID, SIMPLE CHECKS

SERIAL COMMUNICATION

The microprocessor boards, taking advantage of serial communication technology, connect the various LOP at landings and COP in the car (display, directional arrows, call boards etc) and also all the Service Signals on the Car Roof.
The system is very flexible and adaptable to customer requirements.

LOCAL MONITORING

Local Monitoring by **SUPERVISION SW** and **MOBILE APP**

- Real Time Monitoring
- Control Board and Inverter regulations

Why choose Serial Communication instead of classic parallel connection?

1

Easy and clean connection with only 4 wires

2

Reduction of cabling costs

3

Devices designed specifically to aid installation (each floor device, display or call handing board has 2 connectors for the serial connection directly from one device to the next)

4

The calls connectors are always different from the serial communication connectors to avoid connection errors

5

The cables provided with the serial boards (when requested) are pre-wired, to prevent connection errors

6

Serial Diagnostic divided into several levels

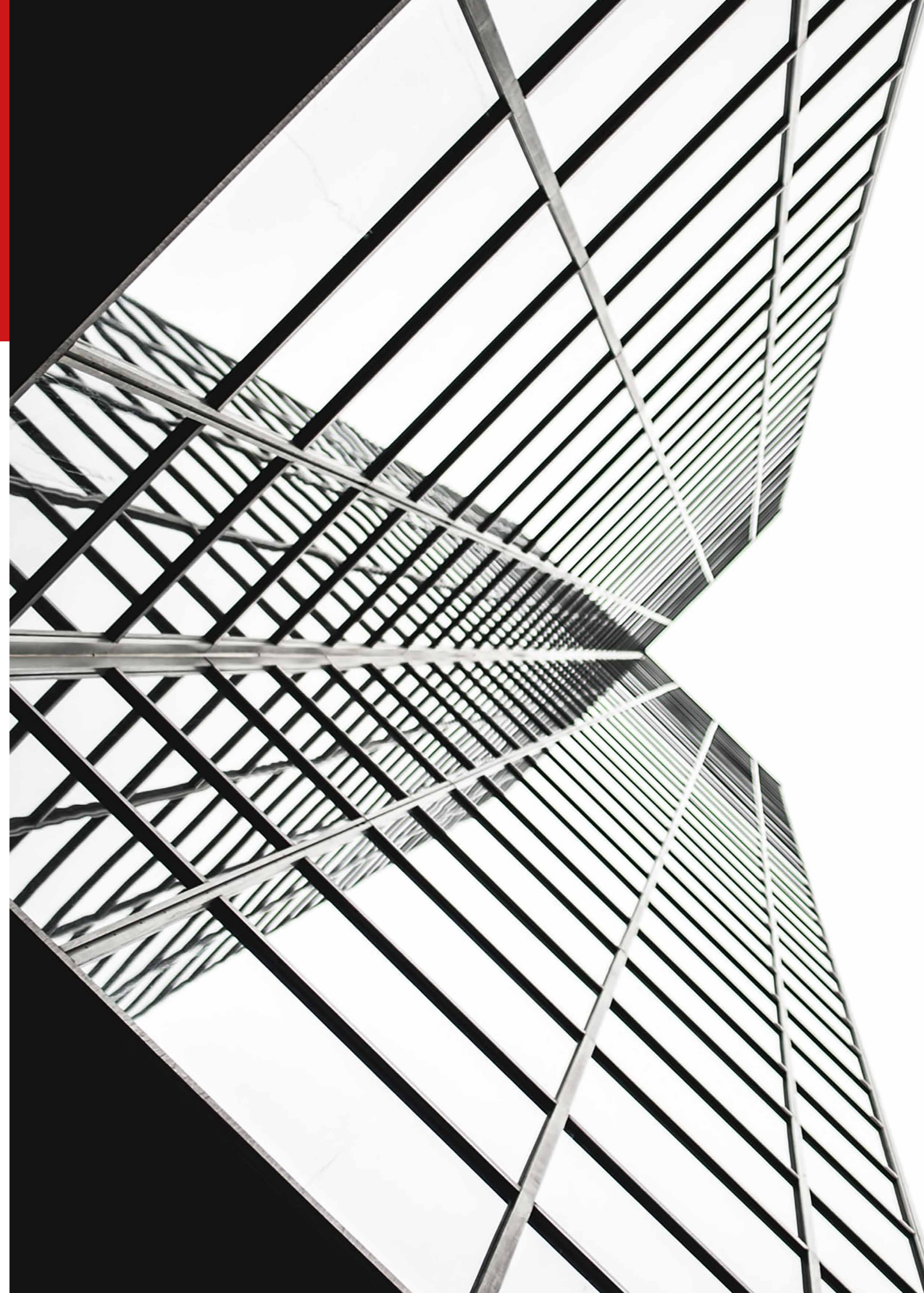
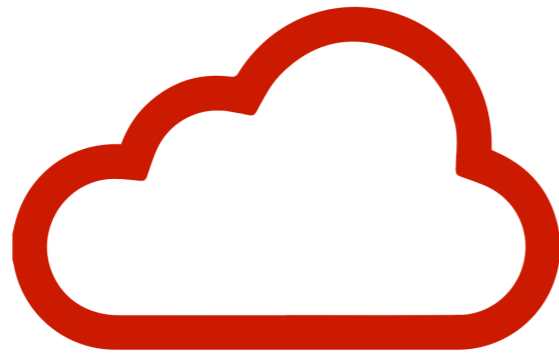


- **Easy Programming**
- **Connection via Wi-Fi or Bluetooth**
- **Total control of all parameters**
- **Error monitoring**

REMOTE MONITORING

Monitoring via CLOUD

- Read and Write Parameters
- System Statistics
- Remote Control





ELECTRONIC SYSTEM
FOR LIFTS



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Distributors