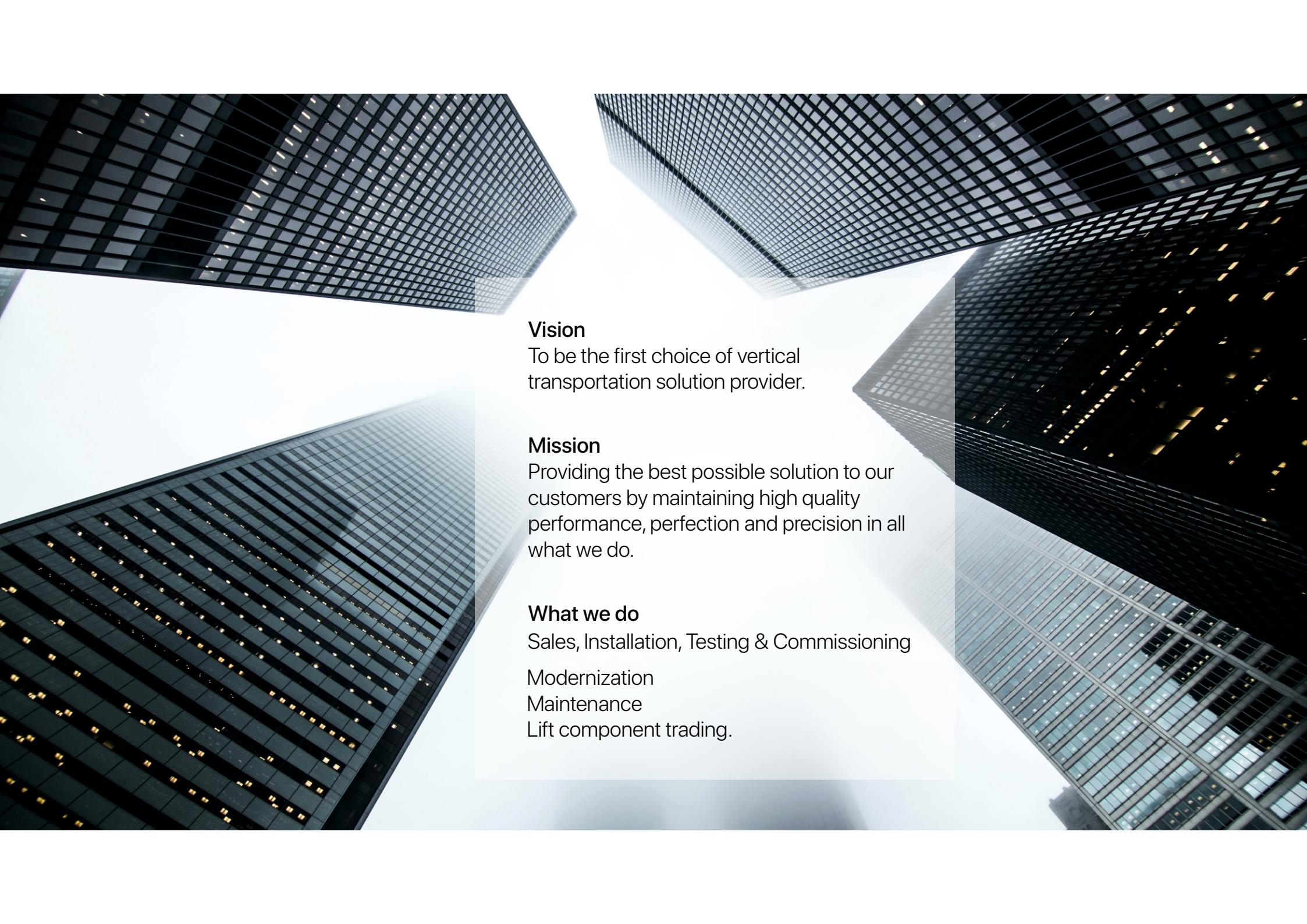




**STERN KOHLER**  
ELEVATOR & ESCALATOR  
GERMAN TECHNOLOGY



### **Vision**

To be the first choice of vertical transportation solution provider.

### **Mission**

Providing the best possible solution to our customers by maintaining high quality performance, perfection and precision in all what we do.

### **What we do**

Sales, Installation, Testing & Commissioning

Modernization

Maintenance

Lift component trading.

## PRODUCTS



Elevators



Escalators



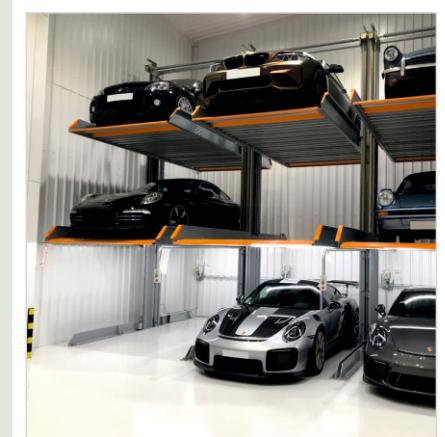
Dumbwaiters



Moving Walks



Platform Elevators



Multi Car Parking Lifts



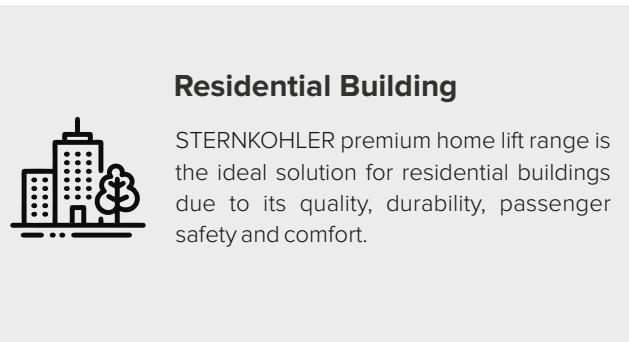
## About us

STERNKOHLER is one of the emerging companies in design and manufacture of all type of elevators dynamic and fast growing brand in elevator industries. We believe in performance, Perfection, and Precision our goal has been to bring innovative products to life our own innovative technology combined with precision enables us to offer high quality standard products to an excellent price performance ratio.



## APPLICATIONS

Sternkohler manufactures a full range of geared or gearless, machine-room or machine-roomless elevator being manufactured / supplied in India by the subsidiaries of european manufacturers to meet the global standard. We have become one of India's emerging elevator companies with unique engineering capabilities and also covers a wide range of loads, sizes, speeds, applications and possibilities providing the best solution for any vertical transportation needs



### Residential Building

STERNKOHLER premium home lift range is the ideal solution for residential buildings due to its quality, durability, passenger safety and comfort.



### Existing Buildings

Existing buildings have smaller elevator spaces but STERNKOHLER has a state-of-the-art capability to replace your existing elevator with our gear- less MRL elevator which has more energy saving and space efficiency.



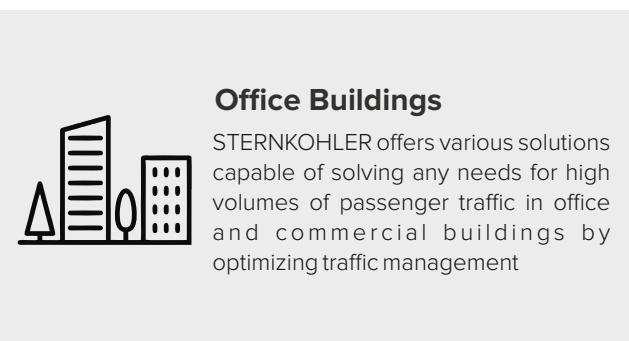
### Hospitals

STERNKOHLER provides various reliable and customized solutions for hospitals so that hospitals can move their patients and medical equipment safely and silently.



### Shopping Complex

STERNKOHLER are very suitable for carrying passengers and goods in shopping malls. Our Elevator is equipped with a smart system which helps to reduce the waiting time for the passenger.



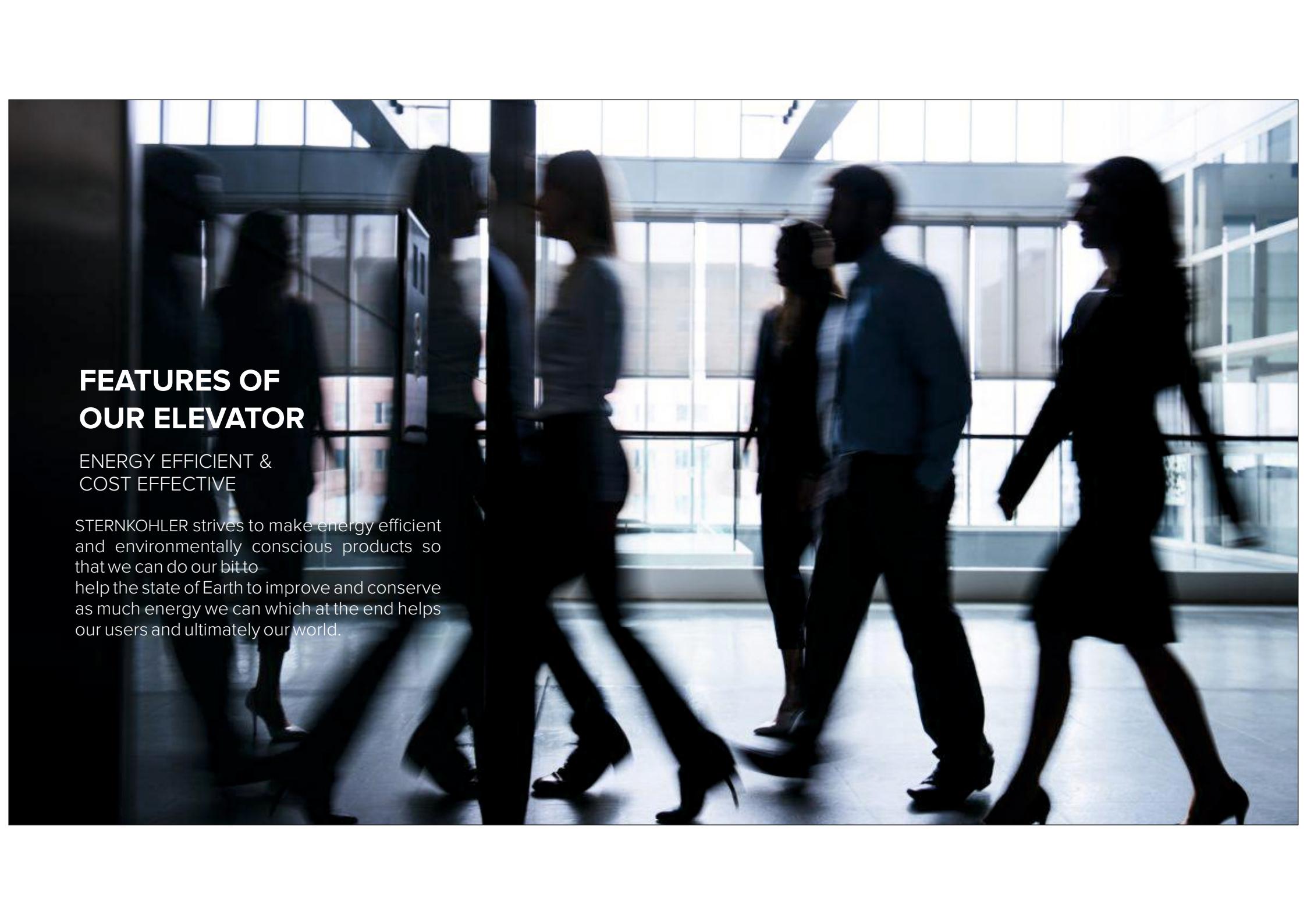
### Office Buildings

STERNKOHLER offers various solutions capable of solving any needs for high volumes of passenger traffic in office and commercial buildings by optimizing traffic management



### Industrial Buildings

STERNKOHLER is designed to offer the best performance carrying large loads in industrial facilities. It's robust, durable, reliable and durable for the performance.



## **FEATURES OF OUR ELEVATOR**

**ENERGY EFFICIENT &  
COST EFFECTIVE**

STERNKOHLER strives to make energy efficient and environmentally conscious products so that we can do our bit to help the state of Earth to improve and conserve as much energy we can which at the end helps our users and ultimately our world.



### Regenerative Technology

Regenerative technology, uses up to 75% less energy than a conventional geared elevator while producing power with lower harmonic distortion, minimizing the impact on the building's electrical system.



### Standby Mode

Lights and fans are shut down when there's no demand, making the LED lighting up to 75% more efficient than conventional lighting. The system seamlessly springs back to life with the press of a call button.



### LED Lighting

LED illumination, standard on the Elevator, reduces energy consumption and lasts up to 10 times longer than conventional fluorescent lamps.



### Lubrication

The machine requires no additional lubrication, eliminating the need for storage, cleanup and disposal of hazardous waste.

A photograph showing three business professionals in an elevator. A man in a blue suit is shaking hands with a woman in a white blazer. Another man in a blue suit and glasses is standing nearby, holding a tablet. They are all smiling. The background shows the interior of the elevator with glass walls.

## COMFORT

STERNKOHLER is adamant on making elevator travel as comfortable it can be for our passengers and make them enjoy the ride.

### Reduced Noise

STERNKOHLER has tried to ensure that the passenger is travelling in utmost comfort by making a elevator so silent that you can ride in with mental peace.



### Integrated Drive Technology

Integrated Drive in STERNKOHLER ensures that the Elevator accelerates or decelerates in a smooth S curve to provide smooth and comfortable ride to the passenger.



## RELIABILITY

At STERNKOHLER our utmost priority is to make the elevator travel as safe as possible. We have put in all the features that can make your travel safe and sound.



### Shaft Scan

Shaft scan system monitors the elevator shaft and checks for any irregularities to ensure safe and secure transport every time elevator moves.



### Automatic Rescue

Battery powered rescue operation keeps passenger safe and arrives to the nearest floor in a case of power failure.



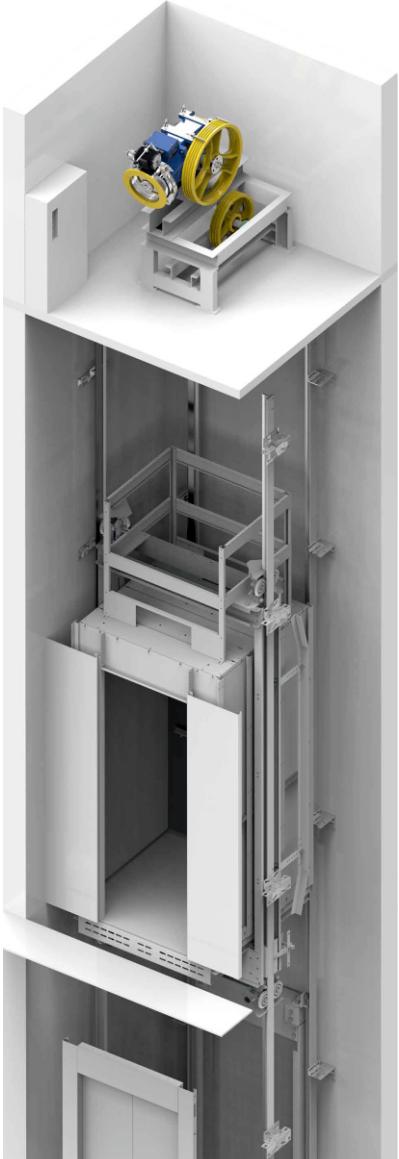
### Remote Monitoring

Remote Monitoring helps us to point out special problem in this system, so that the downtime of the elevator while servicing reduces dramatically.



### Safety System

STERNKOHLER uses a series of infrared beams to reopen the door, if anything comes in the line of beams the door will not close.



## MACHINE ROOM ELEVATOR

ENERGY EFFICIENT & COST EFFECTIVE

### Door Opening

STERNKOHLER gives you a premium quality of Auto or Manual doors. Center opening door which opens from the middle and another is telescopic one which opens from the side, as per your need.

### Smooth Riding

STERNKOHLER is renowned for the ride quality that we provide to our customers. We put comfort at one of our utmost priorities.

### Modern integrated controller

We provide you with the latest and innovative controller in the market. Our controller is loaded with features so that your elevator rides smooth and safe.

### One-Directional safety gear

We at STERNKOHLER have safety as our number one priority that's why our elevators are installed with the special One-Directional safety gears to keep you and your loved one always safe and secure.

### Ease of installation

We have made our Elevators such that its easy to install for our expert technician and will be done in a minimum amount of time.

## MRL ELEVATOR

STERNKOHLER Machine room-less passenger elevator cancels the machine room and reduces total area of elevator equipment and flexibly utilizes the effective space. It has a stronger contemporary sense and the more beautiful construction outline.

## ADVANTAGES

### Architecture Building Design

STERNKOHLER Machine Room-less(MRL) elevator allows the building to be free from unsightly construction on the roof and provides more flexibility including design.

### Construction Cost Savings

Our MRL solution allows the owner to save on construction work and materials. It also leads to reduction of the total building cost.

### Space Savings

The structural design improves the net space of the car in any given hoist-way and provides more rental areas within the building.

### Energy Savings

The compact motor design not only uses a lower initial electricity load but it also consumes less energy than a conventional geared system.



# MACHINE ROOM LESS GEAR-LESS ELEVATOR



## ADVANTAGES

STERNKOHLER are equipped with regenerative technology. Regenerative technology, uses up to 75% less energy than a conventional geared elevator

while producing power with lower harmonic distortion, minimising the impact on the building's electrical system and giving back power to the main grid.

### Space Savings

Our Elevator is made for space saving. The elimination of machine room saves lot of space and the construction cost and moreover our package needs minimal hoist way overhead.

### Simple & Cost effective Installation

Our elevators are installed in a very quick and cost-effective manner. Our Process of installing the machine is simplified to an extent that it makes the installing a very less consuming task.

### Thermistor Technology

Our elevators are equipped with thermistor technology in which temperature relays can be used to monitor the temperature of the motor (by built-in thermistor) and shut down if the temperature exceeds a set-point.



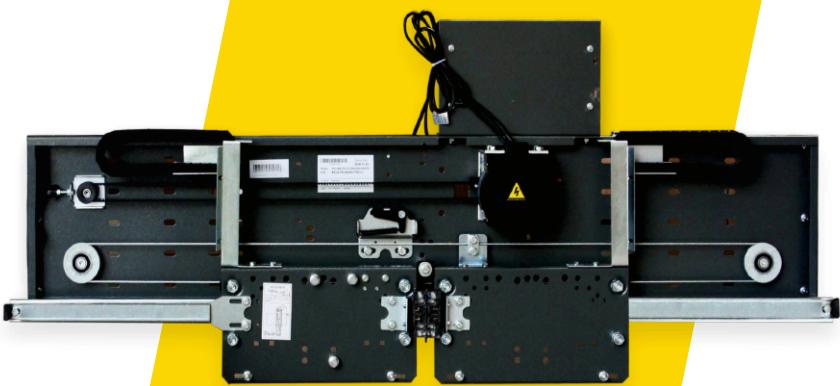
## CONTROLLER

### ADVANTAGES

- Excellent travel comfort thanks to direct landing
- Shorter travel time in comparison to standard VVVF systems.
- Energy Saving modes
- Full Synchronization
- Compact modular design
- Simple and fast installation Easy update

### FEATURES

- Car positioning with motor encoder
- Independently operated 2 car entrances
- Evacuation operation:
  - By using a monophase 220VAC UPS
  - To the nearest or specific floor
- Incremental encoder (5V TTL OR 10-30V HTL) or absolute encoder
- Automatic auto-tuning, shaft learning and control gain calculation
- Rollback prevention at start through pre-torque and anti rollback functions
- Re-leveelling and door pre-opening
- High stopping accuracy
- Programmable inputs-outputs in all peripheral units
- Stand-by mode



## DOORS

Doors are robust, tough and beautifully engineered with German quality Standards elevator doors enhancing the look and the aesthetics of the place where it is installed. With our doors you can be sure about the safety and reliability of your elevator doors

Lih Span: Reliable for 2 million circles.  
Protect: IP2X for Car operator key switch.

Debugging and Installation: Variable installation on car top, door header

Energy-Saving: PM Motor with rated power 47W High conversion efficiency and accuracy

Low Noise: Volume less than 55dB

Appearance: Customised appearance available in different colours.

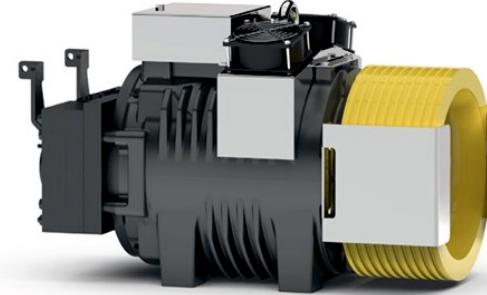
Range of Application: Max 160 KG, suitable for office and residential building.

## ELEVATOR DRIVE

**TORIN DRIVE**  
INTERNATIONAL



**SICOR**  
DRIVING THE FUTURE



**Montanari Group**  
GEARLESS&GEARBOX  
TRACTION MACHINES



We are partnered with world class elevator drive manufactureres like Torin Drive from Germany, Sicor and Montanari Guillli from Italy for our elevators these units saves space, reduce load on infrastructure, consumes less electricity, work more efficiently with ease of installation and maintenance.

## ELEVATOR CABINS



SK001



SK002



SK003



SK004



SK005



SK006

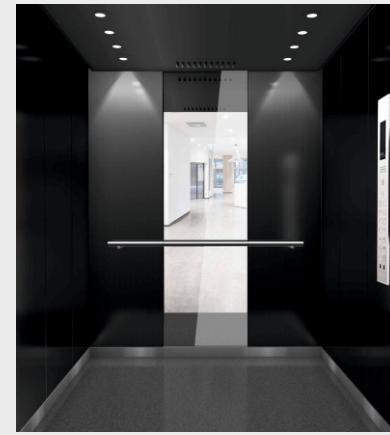
## ELEVATOR CABINS



SK007



SK008



SK009



SK010



SK011

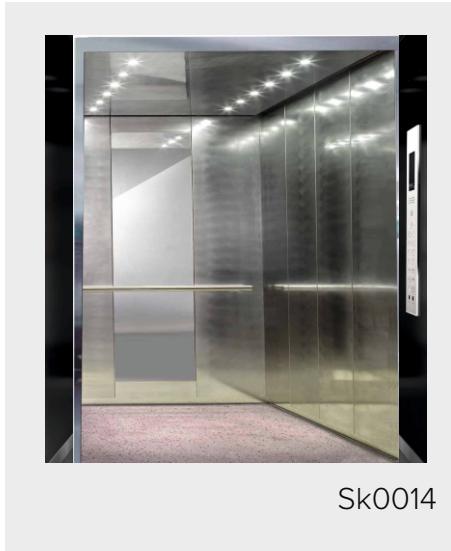


SK012

## ELEVATOR CABINS



Sk0013

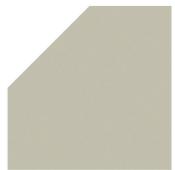


Sk0014



Sk0015

## CAR DECORATION



Silica Grey (Standard)



Leather D 42  
AISI 304 2R(BA)



Inox mirror n°7  
AISI 304 2R (BA)



Etched Stainless  
Steel



Linen D 25  
AISI 304 2R(BA)



Hairline  
AISI 304 2B



Etched Stainless  
Steel



Satin Finish Grit 320  
AISI 441 2B

COP [CAR OPERATING PANEL]  
& LOP [LANDING OPERATIONAL PANEL]



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