

Dedicated to People Flow™



MACHINE ROOM-LESS REPLACEMENT SOLUTION FOR EXISTING BUILDINGS

KONE EcoSpace EB™





Give Your Existing Elevators a Lift

Your tenants and customers use your building's elevators every day. They want a smooth, safe ride in a reliable elevator that doesn't look outdated.

Rejuvenate your building by replacing your existing elevator with brand new technology, aesthetics and safety devices. All without major modifications to your building structure.

Increase tenant trust and property value as you reduce energy costs with a new, dependable, energy-efficient elevator.

KONE, a world leader in people flow management, has created an impressive portfolio of modernization tools and processes. With the KONE Care for Life™ service, KONE conducts a full analysis of your current equipment and prepares a modernization plan to raise the elevator to modern standards of safety, accessibility, performance and aesthetics.

The KONE Care for Life plan evaluates possible investment schedules, constraints and helps you manage your investment to get the best value by offering the right solution to meet all of your needs.

KONE EcoSpace EB – The Benefits are Clear

Why Replace?

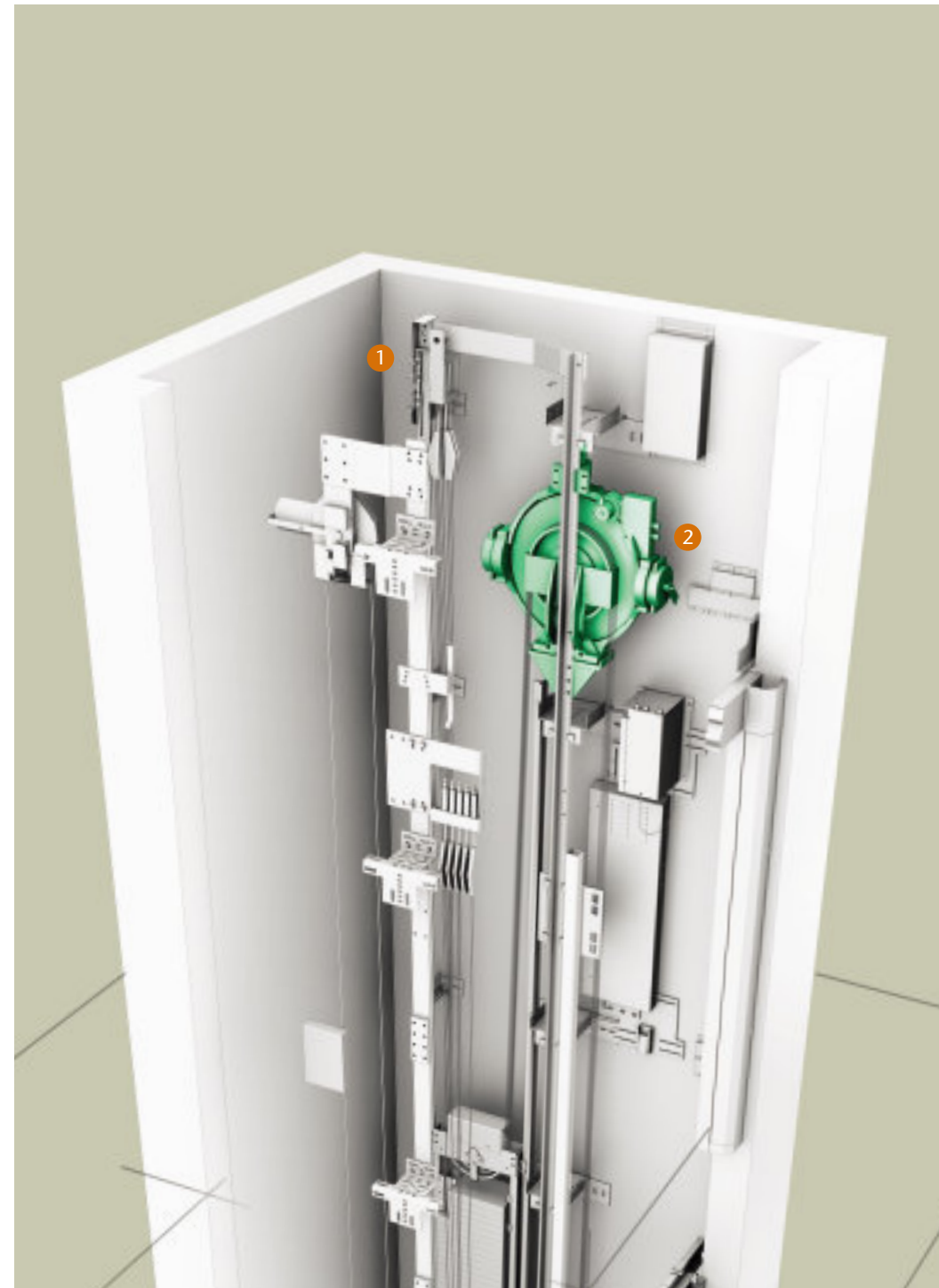
Instead of replacing your old elevators with similar technology, KONE offers you a new choice. Our innovative Machine Room-Less design is the first turnkey full-replacement elevator solution for existing hydraulic elevators. Thanks to the revolutionary KONE EcoDisc® motor, EcoSpace EB fits into the existing hydraulic hoistway with the capability to seamlessly interface with your existing entrances.

KONE has sold 200,000 Machine Room-Less elevators globally, with an excellent record of operating reliability. So, instead of complicated, lengthy and expensive retrofit upgrades, KONE provides a brand new elevator.

- Everything from the site survey to the dismantling of the existing equipment is carefully thought out in order to minimize disruption to your building.
- Our optimized maintenance program minimizes downtime and ensures safe and reliable lifetime operation.

EcoSpace EB Advantages

- **For the owner:** Minimized building disruption, increased property value, accommodates reduced pit depth and overhead
- **For the tenant:** Smoother, quieter ride, no hydraulic oil odor, optimum stopping accuracy, sophisticated car features
- **For the environment:** No hydraulic oil, energy-efficient, recycle existing elevator where feasible, minimize building materials



1 Space Efficiency

Possibility to accommodate reduced headroom height and pit depth. The KONE EcoDisc machine is so compact there is no need for a machine room above, as it fits right into the hoistway.

2 Energy-efficient

The revolutionary gearless KONE EcoDisc machine has only one moving part and is three times more efficient than a hydraulic-powered unit using 60% less energy – with the potential to cut annual operating costs in half or better – a true energy miracle.

3 Minimal Disruption

EcoSpace EB fits inside the existing hydraulic hoistway, minimizing the need for modifications.

4 Reusable Entrances

KONE EcoSpace EB reduces significant structural modifications by seamlessly interfacing with most existing hydraulic entrances.

5 Modern, Code-Compliant

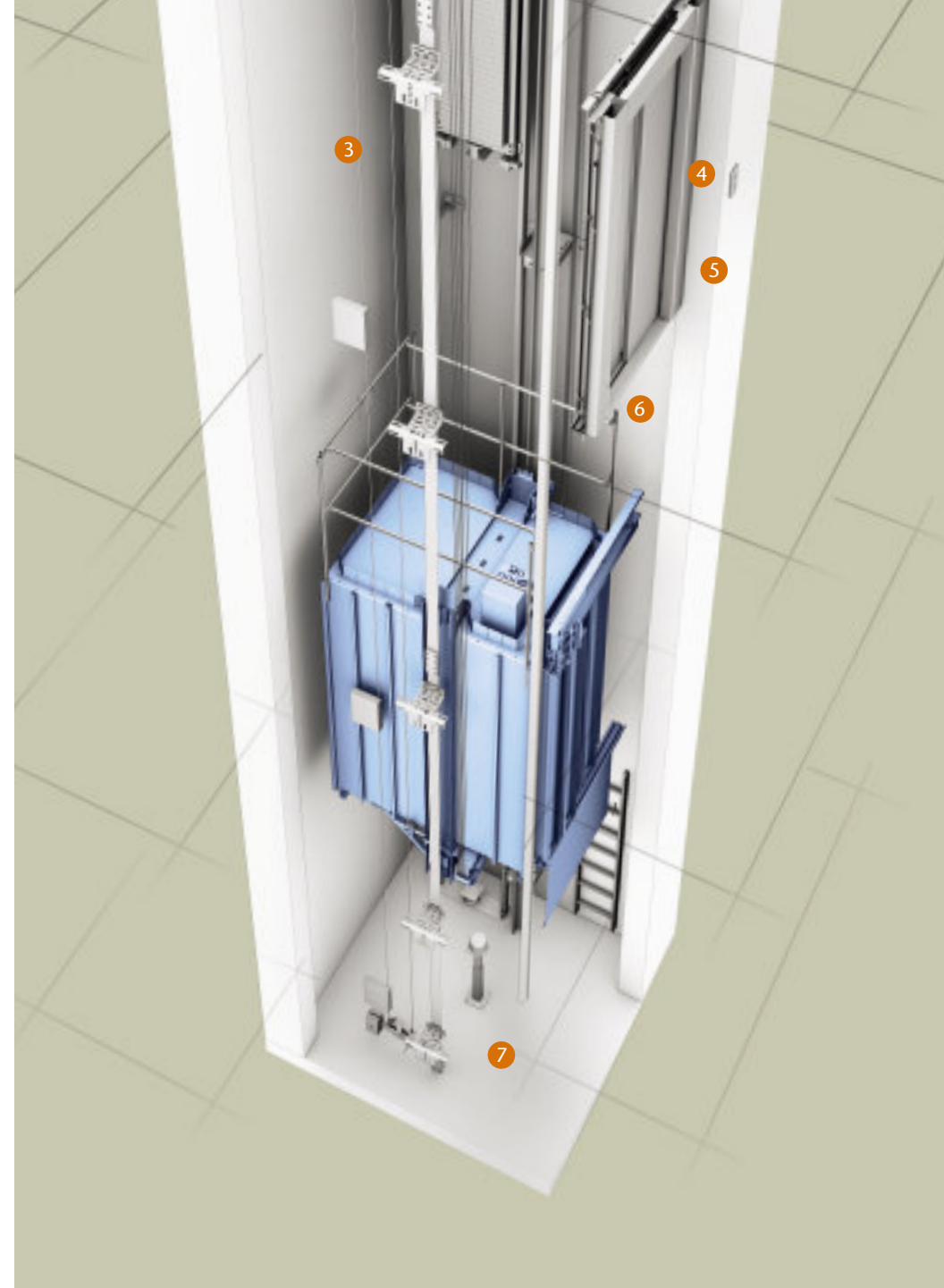
Modern, simple and code-compliant operating displays.

6 High Performance

Optimal stopping accuracy for a smooth ride.

7 No Oil

The hydraulic cylinder is drained of all oil and capped, ensuring oil free, environmentally-friendly operation.





The Eco-efficient™ Elevator

The KONE EcoSpace EB Machine Room-Less platform is one of the most environmentally-sound elevator concepts. Based on KONE EcoDisc technology, it incorporates KONE's commitment to deliver solutions that use less energy and recycle as many products and components as possible.

A Simple Comparison

2,500 LB. CAPACITY APPLICATION	EXISTING HYDRAULIC	KONE ECOSPACE EB
Speed (fpm)	150 (45.72m)	150 (45.72m)
Motor size (kW/hp)	40hp/30kW	6.6hp/5kW
Typical current values (Amp)		
Nominal	57	12
Starting	114	14
Main fuse size (Amp)	70 @ 480V	15 @ 480V
Energy consumption (kWh/yr)	28,050	8,593
Thermal losses (BTU)	9,000	3,700
Oil requirement (gallons)	80	0
Control Space noise level* (dBA)	70-80	50-55

**Measured 3'-0" (0.9144m) from the machine*
**Based on typical 5 landing application*

- The energy-efficient KONE EcoDisc consumes approximately half the energy of conventional traction machines and approximately one-third the energy of hydraulic machines.
- KONE EcoDisc, with no oil required, removes the risks of soil contamination that is a potential threat in hydraulic systems.



Aesthetic Options for Your New Elevator

The KONE EcoSpace EB elevator offers a wide selection of cabs, entrances and signalization to rejuvenate the look of your building at an affordable price.

For KONE, the goal is to create the best possible user experience. A smooth ride and reliable performance ensure the ideal people flow, while the car interior design creates an aesthetically pleasing experience for each passenger. For additional aesthetic interior offerings, reference the KONE Design Collection Catalog.

Ceilings

Several ceiling designs are available for KONE EcoSpace elevator cabs.



LF-1

Panels
Polygal Translucent

Frame
Brushed Aluminum

Lighting
T-5 Fluorescent



LF-88

Panels
Stainless Steel with Satin Finish

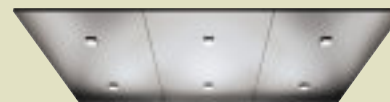
Lighting
Round LED*



LF-2

Panels
Stainless Steel with Satin Finish

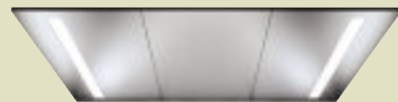
Lighting
T-5 Fluorescent



LF-97

Panels
Stainless Steel with Satin Finish

Lighting
Square LED*



LF-94

Panels
Stainless Steel with Satin Finish

Lighting
T-5 Fluorescent



LF-98

Panels
Stainless Steel with Satin Finish

Lighting
Rectangular LED*

Handrails



1.5" Round in
Brushed Aluminum,
Stainless Steel with
Satin finish



2" Round in Stainless
Steel with Satin finish



1.5" Flat in Stainless
Steel with Satin finish



2" Flat in Stainless
Steel with Satin finish



3" Flat in Stainless
Steel with Satin finish



4" Flat in Stainless
Steel with Satin finish

**Six light fixtures for Passenger Shape and nine light fixtures for Service Shape.*

For additional aesthetic offerings reference the KONE Design Collection Catalog, or visit www.kone.com for the latest job-specific Cab Designer Tool, CAD drawings and specifications.

Walls

Choose from a wide variety of high-quality interior materials. Multiple combinations of wall and ceiling materials are available, allowing you to match virtually any lobby design.



Additional aesthetic offerings now available.

Color Finishes

1792-60 Nirvana	1797-7 Jade Fusion
4638-60 Monterey Sun	4798-60 Burnished Ember
4672-60 Curry Tigris	4813-60 Nickel Ev
4744-60 Karratha Brush	4746-60 Woolamai
4669-60 Natural Tigris	4623-60 Graphite Nebula
4806-60 Illawarra Brush	4815-60 Cesium Ev

Wood Finishes

7850-60 Beigewood
10776-60 Kensington Maple
7062-60 Congo Spruce
7919-38 Amber Cherry
7054-60 Wild Cherry
7039-60 Windsor Mahogany
7949-38 Asian Night
7040A-60 Figured Mahogany

Metal Finishes

6258 Satin Brushed Gold
6313 Bronze Stria
6262 Satin Brushed Med. Bronze
6312 Mercury Stria
6261 Satin Brushed Light Bronze
6277 Alumasteel

Pearlescent Finishes

D487-07 Pearl Silver LS
D485-07 Pearl Bisque LS

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Signalization

KONE KSS 370, 500 and KONE Design Signalization enhance the look of your elevator.



KSS 370

Hall Lanterns



Hall Station



KSS 500

Hall Lanterns



Hall Station



KONE Design Signalization

Hall Lanterns



Hall Stations

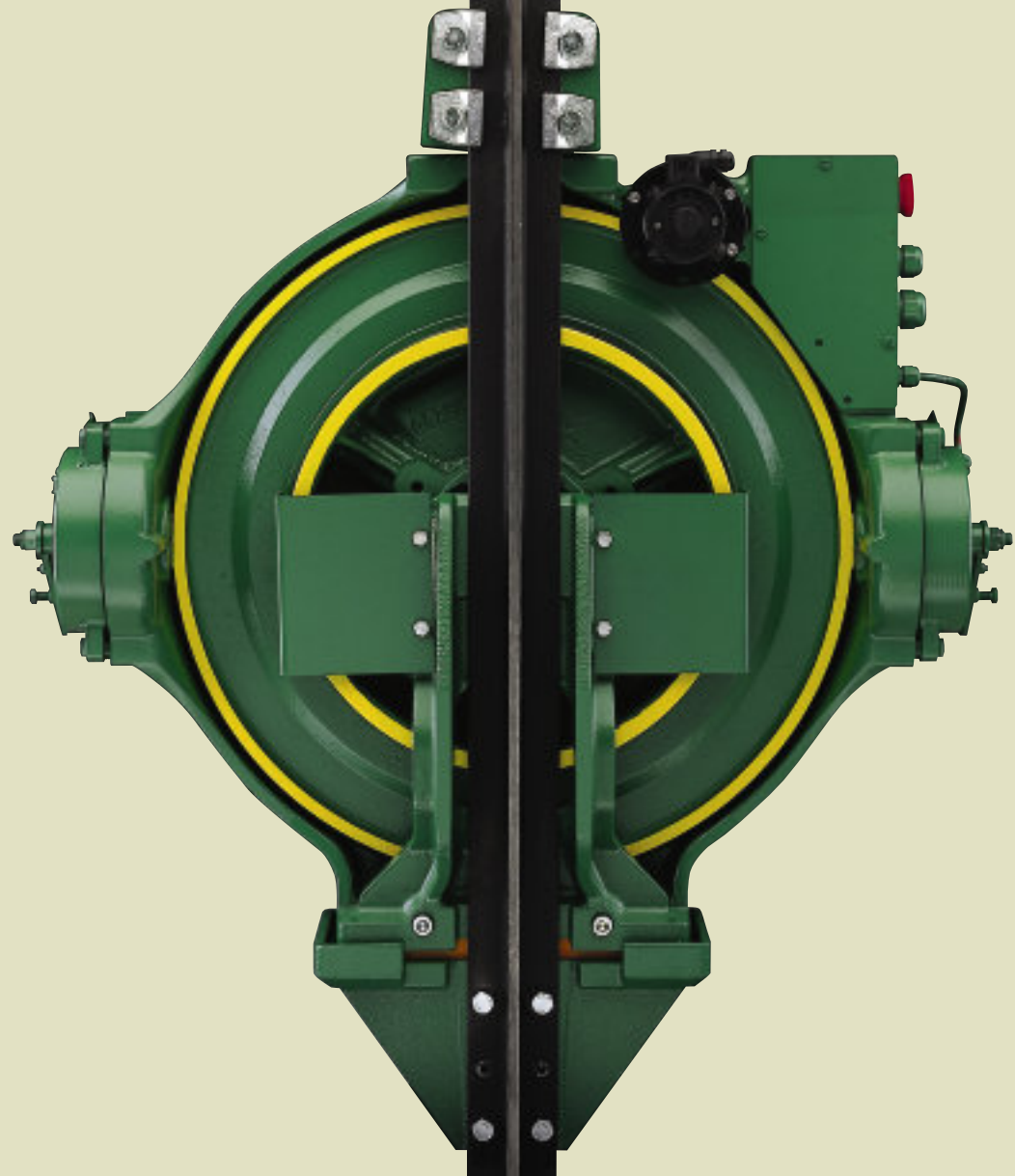


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KONE – Your Total Solution Partner

As a leading company in the elevator and escalator business, KONE offers its customers:

- Modernization and replacement solutions to upgrade and maximize the potential of the building.
- Elevators with the most innovative technology and exceptional performance.
- Reliable and elegant escalators to match any need, from retail to transit applications, with high levels of cost-effectiveness and performance.
- Online interactive tools to assist in the design of KONE elevators and escalators. These easy-to-use tools help you create 2D and 3D drawings as well as ready-to-use and downloadable specifications. Visit www.us.kone.com.
- Comprehensive maintenance solutions for the entire life cycle of the product.
- Spare parts available globally within 24 hours.



To reduce our carbon footprint, KONE has begun using QR – or Quick Response – codes, which are an environmentally-friendly alternative to printed materials.

QR – or Quick Response – codes are a quick and easy way to get to a webpage without having to type in a long URL address. Simply scan this QR code with your Smartphone and you'll be taken to the video of how KONE replaced 16 existing hydraulic elevators in an occupied residential complex. Or just type in this shortened URL link – goo.gl/Q5X1a – to watch the video in your web browser. If you'd prefer a CD, please contact us at us.communications@kone.com and we'll be happy to send you one.



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