MOVING PEOPLE IN LOW- TO MID-RISE BUILDINGS
Twenty years ago, we pioneered the revolutionary machine room-less elevator. Innovation continues to drive us to improve everything we do, and that involves far more than just our products.

Our goal is to make the entire process of designing, ordering, installing, maintaining and modernizing elevators as smooth and straightforward as possible.

We offer the best of both worlds – superior service from day one, and an outstanding elevator solution that’s sure to add value.

AN OUTSTANDING ELEVATOR

ELEVATOR PLANNING MADE EASY

COMPREHENSIVE PROJECT MANAGEMENT

HASSLE-FREE INSTALLATION

EFFICIENT OPERATION, TAILORED MAINTENANCE
THE BEST MADE BETTER

The renewed KONE MonoSpace® machine room-less elevator combines our proven eco-efficient technology with ride-comfort and design innovations. Our goal is to create a user experience that both adds value to a building and maximizes comfort and safety for passengers.

KONE is the industry forerunner in technological innovations. We are committed to offering high-quality and innovative People Flow® solutions that continuously raise the bar for eco-efficiency, safety, and user experience. Forbes magazine has consistently ranked KONE as one of the most innovative companies in the world.
EXCELLENT ECO-EFFICIENCY

Our renewed solution has a number of eco-efficient features and options.

1 Enhanced KONE EcoDisc® hoisting machinery makes elevator operation more energy efficient than ever.

2 Eco-efficient regenerative drive technology recycles energy for immediate reuse within a building and can cut elevator energy consumption by up to 20%.*

3 Modern LED lighting is up to 80% more efficient and lasts up to 10 times longer than halogen lighting.

4 Advanced standby solutions cut energy consumption by powering down the equipment when it’s not in use.

A SMOOTH AND QUIET RIDE

The KONE MonoSpace® is designed to deliver industry-leading ride comfort year after year. Every elevator we install complies with our strict ride-comfort standards.

1 Enhanced machinery and brakes ensure smooth acceleration and deceleration, accurate leveling, and a quiet, comfortable ride.

2 Optimized hoisting system cuts noise and vibration inside the car for remarkably quiet operation.

3 Robust car structure and noise-isolation features further reduce noise inside the car for a high-quality user experience.

*Calculation based on the following: 3,500 lb. capacity, 350 fpm, 7 landings, 72 feet of travel and 200,000 starts per year.
CUSTOMIZABLE INTERIORS AS STANDARD

When an elevator’s interior complements the building’s look and feel, it creates a great user experience, leaves a lasting impression and adds real value.

A flexible and versatile design offering enhances the look and feel of your building.

Ready-made, professionally designed interiors make selection fast and easy.

Easily customize by mixing and matching materials and accessories.
PROFESSIONAL SUPPORT FOR A BUILDING’S ENTIRE LIFECYCLE

We help you take your project from vision to reality. With KONE you benefit from planning support and design advice, easy-to-use planning tools, comprehensive project management and streamlined installation. Once a building is up and running, we can keep the elevators in prime condition with our tailored preventive maintenance service.

ELEVATOR PLANNING MADE EASY
- Our tips and advice make it easy to specify the optimal elevator solution.
- Our elevator toolbox and car designer tool save time in the planning and design phase.
- Energy consumption calculations help you gain insight into the lifetime energy costs of your equipment.

COMPREHENSIVE PROJECT MANAGEMENT
- We work to thoroughly understand the success factors for your unique project.
- Dedicated project managers facilitate communication, collaboration and successful project completion.
- An expedited contract option helps reduce key lead times.
- Critical items such as site visits and project-specific layouts proactively arranged.

QUICK CAD AND BIM, AND INSPIRATIONAL INTERIORS
Take advantage of our easy-to-use tools to plan your elevators and design your ideal car interior.

KONE Elevator Toolbox
- Detailed elevator specification with customized 2D CAD drawings and 3D Building Information Modeling (BIM) models.
- Level of Detail (LOD) 200 BIM models available, LOD 400 models on request.
- KONE BIM models compatible with most common project documentation systems.
- Designs can easily be sent to a KONE Sales Professional.

KONE Car Designer
- Create your own virtual elevator interior design online or with a KONE Sales Professional.
- Choose a theme from the KONE Design Collection, or mix and match your choice of materials, lighting and accessories to create a unique look.
- Save your design and send a link to a colleague or to a KONE Sales Professional.
HASSLE-FREE INSTALLATION
- Clear safety and site requirements communicated early.
- Hoistbeam, pit ladder and masonry inserts provided by KONE.
- Our efficient installation method eliminates the need for temporary work platforms, block outs and machine beams.
- Thorough quality controls and ride comfort measurements help ensure the equipment will run smoothly.

EFFICIENT OPERATION, TAILORED MAINTENANCE
- Our energy-efficient elevators help keep your operation costs low.
- We create a unique maintenance plan for each site and piece of equipment, based on your requirements and needs.
- Our preventive maintenance program detects and fixes faults before they can cause downtime.
- We make sure your elevator runs reliably and safely while complying with all relevant regulations and standards.

ALL ELEVATORS TESTED FOR RIDE QUALITY – A SERVICE UNIQUE TO KONE
- Our comprehensive ride quality test is standard for all elevator installations.
- It measures noise and vibration inside the car to ensure they’re at acceptable levels.
- This thorough quality testing helps reduce the need for unplanned maintenance callouts.
KONE provides innovative and eco-efficient solutions for elevators, escalators and the systems that integrate them with today's intelligent buildings.

We support our customers every step of the way; from design, manufacturing and installation to maintenance and modernization. KONE is a global leader in helping our customers manage the smooth flow of people and goods throughout their buildings.

Our commitment to customers is present in all KONE solutions. This makes us a reliable partner throughout the life cycle of the building. We challenge the conventional wisdom of the industry. We are fast, flexible, and we have a well-deserved reputation as a technology leader, with such innovations as KONE MonoSpace®, KONE EcoMod™ and KONE UltraRope®.

KONE employs nearly 50,000 dedicated professionals to serve you globally and locally.
### KONE MONOSPACE® 500

**Configurations & Dimensions**

<table>
<thead>
<tr>
<th>Max Travel (ft)</th>
<th>150 ft. (45.7 m)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Max Landings (max)</td>
<td>15</td>
</tr>
</tbody>
</table>

**Speed**
- 150, 200, 350 fpm (.75, 1.0, 1.78 m/s)
- 8, 9 or 10 ft. (2438, 2743 or 3048 mm)

**Car Height**
- 5'-0" (1524) to 13'-7" (4140)
- 5'-6" (1676) to 13'-0" (3962)

**Entrance Height**
- 7, 8 or 9 ft. (2134, 2438 or 2743 mm)

### Capacity

<table>
<thead>
<tr>
<th>Type (lb)</th>
<th>Opening Width (mm)</th>
<th>Hoistway Width (mm)</th>
<th>Hoistway Depth (mm)</th>
<th>Interior Width (mm)</th>
<th>Interior Depth (mm)</th>
<th>Door Width (mm)</th>
</tr>
</thead>
<tbody>
<tr>
<td>2000 (907)</td>
<td>SSP-15 (1814)</td>
<td>7'-6&quot; (2286)</td>
<td>9'-2&quot; (2794)</td>
<td>10'-2&quot; 3/8&quot; (3112)</td>
<td>10'-5&quot; 3/8&quot; (3177)</td>
<td>3'-0&quot; (914)</td>
</tr>
<tr>
<td>2500 (1134)</td>
<td>SSP-15 (1524)</td>
<td>7'-6&quot; (2286)</td>
<td>9'-2&quot; (2794)</td>
<td>10'-2&quot; 3/8&quot; (3112)</td>
<td>10'-5&quot; 3/8&quot; (3177)</td>
<td>3'-0&quot; (914)</td>
</tr>
<tr>
<td>3000 (1361)</td>
<td>SSP-15 (1588)</td>
<td>7'-6&quot; (2286)</td>
<td>9'-2&quot; (2794)</td>
<td>10'-2&quot; 3/8&quot; (3112)</td>
<td>10'-5&quot; 3/8&quot; (3177)</td>
<td>3'-0&quot; (914)</td>
</tr>
<tr>
<td>4000 (1814)</td>
<td>SSP-15 (2134)</td>
<td>7'-6&quot; (2286)</td>
<td>9'-2&quot; (2794)</td>
<td>10'-2&quot; 3/8&quot; (3112)</td>
<td>10'-5&quot; 3/8&quot; (3177)</td>
<td>3'-0&quot; (914)</td>
</tr>
<tr>
<td>5000 (2268)</td>
<td>SSP-15 (2743)</td>
<td>7'-6&quot; (2286)</td>
<td>9'-2&quot; (2794)</td>
<td>10'-2&quot; 3/8&quot; (3112)</td>
<td>10'-5&quot; 3/8&quot; (3177)</td>
<td>3'-0&quot; (914)</td>
</tr>
</tbody>
</table>

### Notes

1. A hoist beam (by KONE) is required for installation (by others). Distance H reflects clear under hoist beam.
2. If an Emergency Battery Device (EBD) is required, please contact your KONE Sales Professional for further detail regarding dimensions H, I, and L.
3. The published hoistway A dimension represents the minimum clear inside requirements. Construction efficiencies can be realized by increasing these dimensions by up to 2" (51 mm).
4. The published interior width C and depth D dimensions represent the minimum clear inside requirements without raised panels. For interior width C and depth D dimensions with raised panels please contact a KONE Sales Professional.
5. 2500 LB. IBC reverse opening must be diagonally opposed. For all other front and reverse opening configurations, hoistway width A is valid for directly opposed openings only. If diagonally opposed openings are required, please contact your KONE Sales Professional.

### Clear Overhead & Pit Depth

<table>
<thead>
<tr>
<th>Capacity (lbs)</th>
<th>Pit Depth (mm)</th>
<th>Clear Overhead (mm)</th>
<th>150 FPM (0.75 M/S)</th>
<th>200 FPM (1.00 M/S)</th>
<th>350 FPM (1.78 M/S)</th>
</tr>
</thead>
<tbody>
<tr>
<td>2000 to 2500</td>
<td>5'-0&quot; (1524)</td>
<td>13'-0&quot; (3962)</td>
<td>13'-0&quot; (3962)</td>
<td>13'-0&quot; (3962)</td>
<td>13'-0&quot; (3962)</td>
</tr>
<tr>
<td>3000 to 3500</td>
<td>5'-0&quot; (1524)</td>
<td>13'-0&quot; (3962)</td>
<td>13'-0&quot; (3962)</td>
<td>13'-0&quot; (3962)</td>
<td>13'-0&quot; (3962)</td>
</tr>
<tr>
<td>4000 to 5000</td>
<td>5'-0&quot; (1524)</td>
<td>13'-0&quot; (3962)</td>
<td>13'-0&quot; (3962)</td>
<td>13'-0&quot; (3962)</td>
<td>13'-0&quot; (3962)</td>
</tr>
</tbody>
</table>

### Control Space

<table>
<thead>
<tr>
<th>Capacity (lbs)</th>
<th>Controller Space</th>
<th>Width (mm)</th>
<th>Depth (mm)</th>
<th>Door Width (mm)</th>
</tr>
</thead>
<tbody>
<tr>
<td>2000 to 5000</td>
<td>remote closet</td>
<td>4'-0&quot; (1219)</td>
<td>1'-8&quot; (508)</td>
<td>3'-0&quot; (914)</td>
</tr>
<tr>
<td>2000 to 5000</td>
<td>adjacent or remote room</td>
<td>5'-0&quot; (1524)</td>
<td>1'-8&quot; (508)</td>
<td>3'-0&quot; (914)</td>
</tr>
</tbody>
</table>

Visit kone.us for the latest project-specific details, CAD drawings, BIM models, CSI specifications, electrical data, reaction loads and building access requirements.
Plan views

Integral Control Solution (standard)

Remote Control Closet (option 1)

Adjacent or Remote Control Room (option 2)

Section view

Notes, continued:
Please consult a KONE Sales Professional regarding:

(11) Pit depths less than 5'-0" (1524 mm).
(12) Occupied space beneath the hoistway.
(13) Local code variations when utilizing the integrated, integral and remote closet options.
ELEVATOR ACCESSORIES
FOR KONE MONOSPACE® 500, KONE MONOSPACE 500 EB, KONE MONOSPACE 700, KONE MINISPACE™

**Handrails**

- **Round, straight ends (HR61)**
  - Brushed Stainless Steel (4SS)
  - Golden Brushed Stainless Steel (SS1)  

- **Flat, straight ends (HR63)**
  - Brushed Stainless Steel (4SS)
  - Golden Brushed Stainless Steel (SS1)  

- **Round, bent ends (HR64)**
  - Brushed Stainless Steel (4SS)
  - Golden Brushed Stainless Steel (SS1)  

- **Round, straight ends (HR50)**
  - Anodize Aluminum (AL)

**Skirting**

- **Brushed Stainless Steel (4SS)**

- **Golden Brushed Stainless Steel (SS1)**

P Premium finish
Ceilings

**Round, LED spotlights (CL88)**
- Brushed Stainless Steel (4SS)
- Golden Brushed Stainless Steel (SS1)

**Square, LED spotlights (CL97)**
- Brushed Stainless Steel (4SS)
- Golden Brushed Stainless Steel (SS1)

**Large, uniform, LED light panel (CL151)**
- Brushed Stainless Steel (4SS)
- Golden Brushed Stainless Steel (SS1)

**Polygal panel, T5 Fluorescent tubes (LF1)**
- Brushed aluminum frame

**Rectangular, LED light panel (CL94)**
- Brushed Stainless Steel (4SS)

**Rectangular, LED spotlights (CL98)**
- Brushed Stainless Steel (4SS)
- Golden Brushed Stainless Steel (SS1)

**Wall washer, LED spotlights (CL181)**
- Brushed Stainless Steel (4SS)
- Golden Brushed Stainless Steel (SS1)

---

* Premium finish

* 6 spotlights for passenger capacities; 9 spotlights for service capacities

** 2 light slots for passenger capacities; 3 light slots for service capacities

*** Not available for through-type cars or cars with horizontal wall panels

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# Elevator Wall Materials

For KONE Monospace® 500, KONE Monospace 500 EB, KONE Monospace 700, KONE MiniSpace™

## Metallic Laminate
- **Brushed Black Aluminum** *(L401; M4254*)
- **Plex Bronzetoned** *(L402; M6486*)
- **Oiled Bronze** *(L403; 6200*)
- **Alumasteel** *(L404; 6277*)
- **Satin Brushed Gold Aluminum** *(L405; 6238*)
- **Satin Brushed Lite Bronze Aluminum** *(L406; 6261*)

## Wood Laminate
- **Natural Cane** *(L409; 6930-NT*)
- **Smoky Walnut Woodline** *(L410; 6926-NT*)
- **Macchiato Walnut** *(L411; 6932-NT*)
- **Ebony** *(L412; 9012-NT*)
- **Asian Sand** *(L413; 7952K-18*)
- **Studio Teak** *(L414; 7960K-18*)
- **Rio** *(L415; 7947K-18*)
- **Madagascar** *(L416; 7944K-01*)
- **Amber Cherry** *(L417; 7919-38*)
- **Asian Night** *(L418; 7949-38*)
- **Kensington Maple** *(L419; 10776-60*)

## Printed Laminate
- **Graphic Bamboo** *(L210)
- **Blue Pop Up** *(L424)
- **Orange Pop Up** *(L425)
- **Autumn High-rise** *(L426)

## Pearlescent Laminate
- **Pearl Bisque** *(L407; D485-07*)
- **Pearl Silver** *(L408; D487-07*)
<table>
<thead>
<tr>
<th><strong>3D Laminate</strong></th>
<th><strong>Etched Stainless Steel</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td>Neutral White (L420; 918-SP*)</td>
<td>Silver Cloud (ST42S)</td>
</tr>
<tr>
<td>Earth (L421; 5342-SP*)</td>
<td>Silver Bamboo (ST41S)</td>
</tr>
<tr>
<td>Grenadine (L422; 6902-SP*)</td>
<td>Golden Bamboo (ST41G)</td>
</tr>
<tr>
<td>Black (L423; 909-SP*)</td>
<td>Silver High-rise (ST31S)</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th><strong>Brushed Stainless Steel</strong></th>
<th><strong>Textured Stainless Steel</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td>Brushed Stainless Steel (4SS; Grade 441)</td>
<td>Scottish Quad (K)</td>
</tr>
<tr>
<td>Golden Brushed Stainless Steel (SS1)</td>
<td>Flemish Linen (TS2)</td>
</tr>
</tbody>
</table>

*P* Premium finish
KSS 140

KSS 140 is designed to withstand the most demanding environments by being impact, burn and splash resistant. Scratch resistance is achieved by utilizing the textured Scottish Quad finish option.

Finish options:
Brushed Stainless Steel (4SS; Grade 441)
Brushed Stainless Steel (4SS; Grade 304) P
Scottish Quad (K) P

Display: Amber dot matrix

Buttons: Vandal; metallic, impact-resistant, round amber call acceptance light

Mounting: Flush*

Max landings: New elevators: 24; existing elevators: 18

Note: Variable dimensions are available for modernization applications

Flush car operating panel*

Hall stations

Hall lanterns

Hall position indicators

*Modernization applications utilize an applied car operating panel

Premium finish
KSS 570

KSS 570 signalization offers a high degree of flexibility to meet the needs of your building. Choose from a wide range of aesthetic options to match the look and feel of your elevator and complement your lobby design.

**Finish options:**
- Brushed Stainless Steel (4SS; Grade 441)
- Brushed Stainless Steel (4SS; Grade 304)
- Golden Brushed Stainless Steel (SS1)

**Max landings:** Flush & applied: 24; Swing: 36 (applications exceeding max utilize keypad)

**Displays:** Flush & swing: amber, white or blue dot matrix; Flush & swing keypad: full graphic color display matching button illumination

**Buttons:** Round with amber, white or blue acceptance light

Flush car operating panel:
- 9" (229 mm)**
- 12" (305 mm)
- 15" (381 mm)

Flush keypad car operating panel:
- 12" (305 mm)
- 35" (889 mm)
- 75" (1902 mm)
- 57 1/4" (1453 mm)
- 84" (2134 mm)

Flush keypad car operating panel: Up to 4 direct call buttons available for non-numeric floors

*Modernization applications utilize an applied car operating panel

**Width is determined by push button quantity and arrangement
Swing car operating panel

Swing keypad car operating panel: Up to 6 direct call buttons available for non-numeric floors

Swing keypad car operating panel

Premium finish
**KSS 570**

**Finish options:**
- Brushed Stainless Steel (4SS; Grade 441)
- Brushed Stainless Steel (4SS; Grade 304) P
- Golden Brushed Stainless Steel (SS1) P

**Displays:** Amber, white or blue dot matrix

**Buttons:** Round with amber, white or blue call acceptance light

**Note:** Fixture thickness for devices without a key switch is 19 mm. Fixtures with a key switch require a back box.

---

**Hall lanterns**

- Horizontal Orientation
- Vertical Orientation

**Car direction lanterns**

- Amber
- White

**Hall position indicators**

- Horizontal Orientation
- Vertical Orientation

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**ELEVATOR SIGNALIZATION**

**KSS 140**

KSS 140 is designed to withstand the most demanding environments by being impact, burn and splash resistant. Scratch resistance is achieved by utilizing the textured Scottish Quad finish option.

**Finish options:**
- Brushed Stainless Steel (4SS; Grade 441)
- Brushed Stainless Steel (4SS; Grade 304)
- Scottish Quad (K)

**Display:** Amber dot matrix

**Buttons:** Vandal; metallic, impact-resistant, round amber call acceptance light

**Mounting:** Flush*

**Max landings:** New elevators: 24; existing elevators: 18

**Note:** Variable dimensions are available for modernization applications

Flush car operating panel*

Hall stations

Hall lanterns

Hall position indicators

*Modernization applications utilize an applied car operating panel

P Premium finish
KSS 570 signalization offers a high degree of flexibility to meet the needs of your building. Choose from a wide range of aesthetic options to match the look and feel of your elevator and complement your lobby design.

**Finish options:**
Brushed Stainless Steel (4SS; Grade 441)
Brushed Stainless Steel (4SS; Grade 304)
Golden Brushed Stainless Steel (SS1)

**Max landings:** Flush & applied: 24; Swing: 36 (applications exceeding max utilize keypad)

**Displays:** Flush & swing: amber, white or blue dot matrix; Flush & swing keypad: full graphic color display matching button illumination

**Buttons:** Round with amber, white or blue acceptance light

Flush car operating panel:

Flush keypad car operating panel:

Flush keypad car operating panel: Up to 4 direct call buttons available for non-numeric floors

*Modernization applications utilize an applied car operating panel

**Width is determined by push button quantity and arrangement
Swing car operating panel:
- Dimensions: 14" (353 mm)**
- 20" (505 mm)
- 23" (581 mm)
- 32" (810 mm)
- 38" (962 mm)

Swing keypad car operating panel:
- Dimensions: 57 1/4" (1453 mm)
- 35" (889 mm)
- 75" (1902 mm)

Swing keypad car operating panel: Up to 6 direct call buttons available for non-numeric floors
KSS 570

Finish options:
Brushed Stainless Steel (4SS; Grade 441)
Brushed Stainless Steel (4SS; Grade 304)
Golden Brushed Stainless Steel (SS1)

Displays: Amber, white or blue dot matrix

Buttons: Round with amber, white or blue call acceptance light

Note:
Fixture thickness for devices without a key switch is 19 mm. Fixtures with a key switch require a back box.

Hall position indicators

Car direction lanterns

Hall lanterns

Horizontal Orientation

Vertical Orientation

Hall stations

Horizontal Orientation

Vertical Orientation

Premium finish
PAINTED LANDING DOOR AND ENTRANCE FINISHES

Signal White
(RAL 9003)

Cream
(RAL 9001)

Ivory
(RAL 1014)

Beige
(RAL 1001)

Silk Grey
(RAL 7044)

Agate Grey
(RAL 7038)

Stone Grey
(RAL 7030)

Yellow Grey
(RAL 7034)

Olive Yellow
(RAL 1020)

Grey Beige
(RAL 1019)

Beige Grey
(RAL 7006)

Umbra Grey
(RAL 7022)

Please note that these images do not indicate the surface finish and actual colors may vary slightly. Please contact your KONE Sales Professional for any required samples.