**KLEEMANN**
Your 1st Choice in Lifts

# Residential Elevators
## City 100

City 100 is the perfect combination of durability and functionality for residential and low-traffic buildings, featuring great design, digital connectivity, and value-driven engineering. This blend of performance, technology and environmental responsibility, proves that an affordable solution can certainly, cover the need for exceptional style and comfort, making City 100 the ideal lift solution.

Optimize your project with the durable and efficient City 100. Benefit from the KLEEMANN expertise and add significant value to your property.

# Contents

# City series
# by KLEEMANN

**The next generation
of traction MRL lifts**

With the City series, you can explore a whole range of advantages, including space savings, rapid installation, reduced total cost of ownership, energy efficiency, remote monitoring, as well as a smooth and safe ride.

### City 100

For low-rise & low traffic residential buildings

### City 300

For mid-rise & mid traffic residential & commercial buildings

# City 100

Durability and functionality with this cost-effective traction MRL solution, designed to meet your needs, perfect for residential buildings with low traffic.

## Technical specifications

| Model | City 100 |
| --- | --- |
| Rated load (Kg) | 320- 400- 450- 630-1000 |
| Max travel (m) | 21 |
| Max number of stops | 8 |
| Max speed (m/s) | 1,0 |
| Max persons | 13 |
| Max group size | 8 |
| Min pit depth (mm) | 1000 |
| Min headroom (mm) | 3300 |
| Complies with | Lifts directive 2014/33/EU |

## Recommended uses

Residential buildings
Low traffic & low- rise buildings

## Description & features

City 100 is designed to provide high functionality at the lowest cost without compromising on style, comfort, longevity, or safety. Its pre-engineered design is developed focusing on key performance features, while ensuring the building benefits from both affordability and reliability.

### Value-driven Engineering

City 100 represents long-term value through its pre-engineered design that combines durability with efficiency. Precisely constructed to endure, it lowers total ownership costs by focusing on key performance features, ensuring your property benefits from both affordability and reliability.

### Eco-friendly design

City 100 with its lightweight structure and sustainable packaging, is a perfect choice for eco-friendly building practices. It uses no welding or painting and also requires less energy to operate than a heavier MRL elevator. Consequently, it enhances the building's green credentials, lowers its carbon footprint, and boosts the whole value of the construction.

### Digital connectivity

City 100 merges the power of cutting-edge digital tools like KLEEMANN Live and Lift Control mobile apps. Take advantage of digital convenience by ordering your City 100 lift exclusively through our online KLEEMANN Portal.

## Extra features & upgrades

| KLEEMANN LIVE | KLEEMANN PORTAL | GREEN LIFT |
|---|---|---|
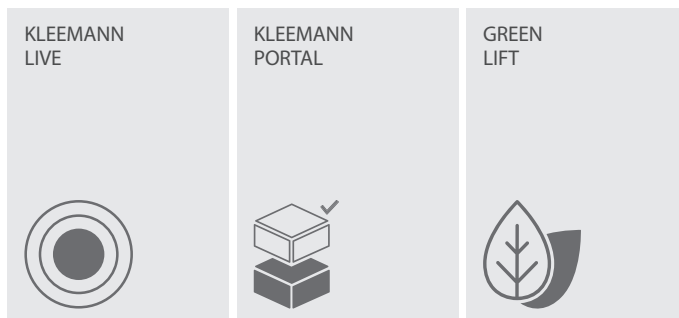
Advantages
City 100

# Green & sustainable lifecycle integration

**Our primary goal is to create solutions that are sustainable** and help reduce the environmental footprint of buildings. Our lifts feature multiple green elements and are designed to assist in qualifying for LEED and BREEAM certifications. City 100 lifts consume low energy, contributing to the overall building's energy performance.

## Green attributes

### Quality & sustainability certificates

City 100 sets the standard for energy efficiency and environmental management, achieving top marks with ISO 25745-2 and VDI 4707-1 certifications. This recognition underscores our commitment to superior energy management and environmental conservation.

### Reduced $CO_2$ emissions

Thanks to innovations from our engineering team and lighter packaging, the standard 8-person, 5-stop City 100 is significantly lighter than previous models. This reduction in weight translates to 10% fuel savings during transit from our factories to your site and occupies 11% less space when packaged during shipping.

### Energy efficiency

City 100 incorporates energy-efficient features like standby mode and LED lighting, offering up to 40% energy savings compared to traditional residential lifts.

### Maintenance and longevity

Equipped with KLEEMANN Live, City 100 reduces significantly the frequency of unscheduled maintenance visits, prolonging the lift's service life.

### Sustainable materials & design

Constructed with eco-friendly materials and designed without the need for welding or painting, City 100 avoids the use of hazardous substances, reinforcing our commitment to environmental protection.
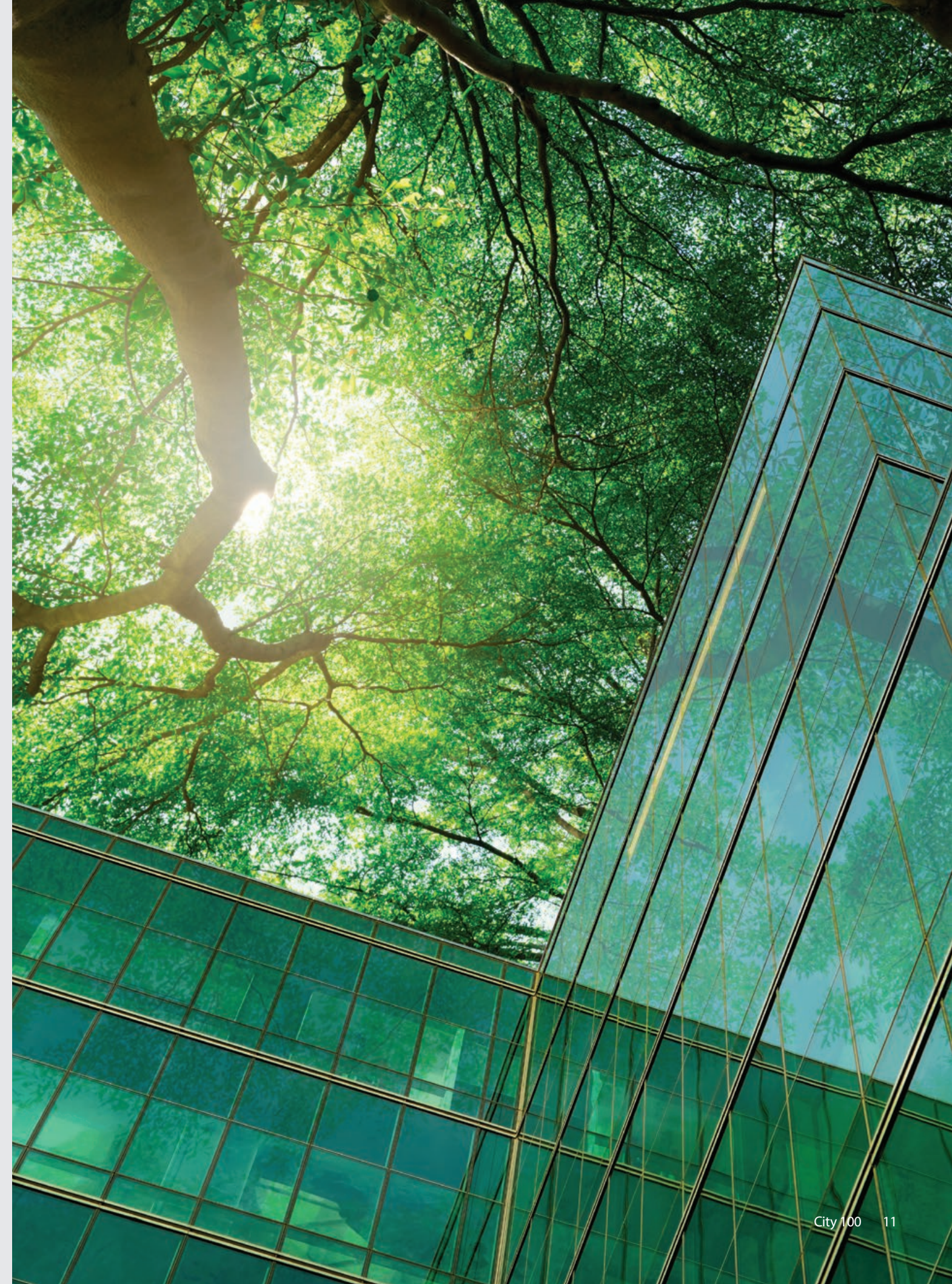
# Digital connectivity

**Integrating advanced digital tools** into the City 100 operation, such as KLEEMANN Live and Lift Control mobile apps, connects the lift experience to its optimum potential. Moreover, City 100 is available online via KLEEMANN Portal, offering an exclusive, easy and efficient purchase.



## KLEEMANN Live

### Easy remote check

*Available for desktop or smart device

KLEEMANN Live is an IoT system that collects, transmits, analyzes data and provides insights for your lifts in real time. It keeps you linked 24/7 so you can access your lifts' status remotely any time, offering peace of mind.

- See the live status of all connected lifts
- Check your messages

- Inspect rides & statistics. Check parameters, send commands and calls to the lift and get insights
- Edit parameters if needed

### Benefits

**SAVE TIME & MONEY**

Reduce the duration of visits to the site

Reduce the number of scheduled maintenance visits saving up to **30%** off expenses

**GROW YOUR BUSINESS**

Expand and support more contracts with the same number of technicians

Reduce the number of call outs by **20%**

**POWER UP YOUR PERFORMANCE**

Extend equipment lifetime

Reduce down-time from unexpected problems up to **10%**

### Lift control
### Lift control pro

**Mobile & tablet Apps**

[Google Play]

[App Store]

**For facility managers:**

- Monitoring elevators
- Remote call elevators
- Ticketing system for support
- Calendar with events
- Documents management

**For elevator maintenance:**

Download the app, connect and control all your lifts. A user-friendly application that allows you to remotely keep track of the majority of KLEEMANN Live functions.

## KLEEMANN Portal

Contact your sales engineer to get access to the portal

KLEEMANN Portal has been designed and developed with our customers' needs in mind. It is a platform that enables all users to quickly and effortlessly create or receive detailed designs, get quotes, and order online their lift, tailored to their project. Simply choose the cabin dimensions you want to generate accurate and realistic 3D plans and views.

KLEEMANN Portal offers a direct link between the customers and the Production Department for an engineer-to-order (ETO) process.

Access KLEEMANN Portal from your desktop, tablet, or mobile device to preview cabin designs, options and quotes. A unique advantage of KLEEMANN Portal is the live offers you can get for our most popular lift solutions prior to the online ordering process. You can also navigate your offers' history to retrieve and download the details of previous offers and quotes, request the creation of new drawings and plans and check your order status.

### Features & Highlights

**Features**

- Detailed designs and quotes
- Integrated cabin design options. Real-time changes
- More than one shaft dimension option for the given cabin dimensions
- Realistic 3D plans and views. Real-time changes
- Auto correction
- Installation plans generated by the KLEEMANN Portal
- Responsive web design

**Highlights**

- Offer available in 5 minutes
- Planning data available in 10 minutes
- Online order
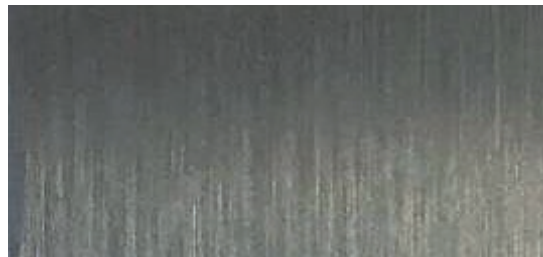- Ease of use and flexibility

# Design options
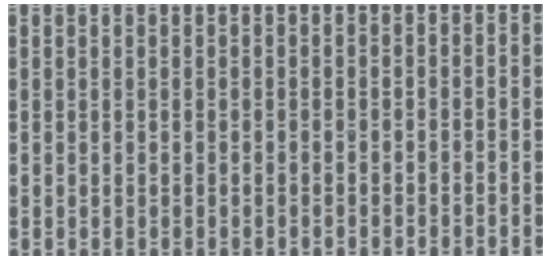## City 100

# Purity S

City 100 is provided with the Purity S cabin, which combines durability and simplicity. It enables easy installation from within the cabin, a design free from visible screws, and a new packaging that significantly reduces installation time.

# Purity C

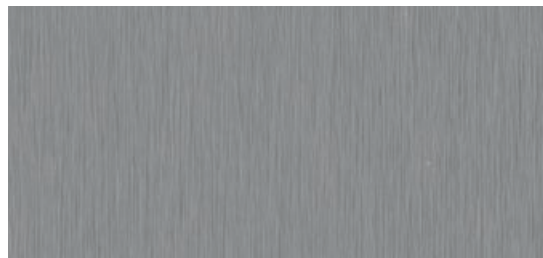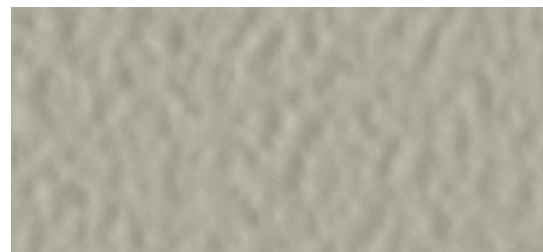City 100 is also provided with Purity C, a cabin that embraces the freshness of architectural trends. Purity C delivers a modern edge that seamlessly aligns with the latest design aesthetics but also ensures a hassle-free installation from within the cabin.
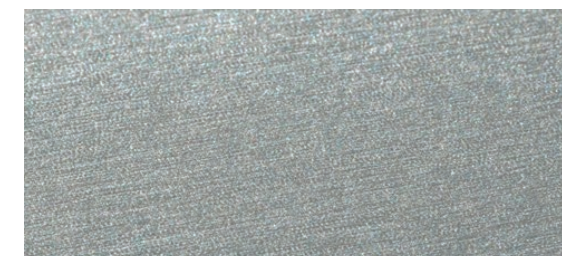
## Walls

### Stainless steel

Satin

Linen

### Skinplate

F12 PPS

### Paint

Pale Code

## with stainless steel

**Walls** Stainless steel linen
**Ceiling** O55
**Floor** Rubber 6801
**Handrail** K3

## Walls

### Wood like
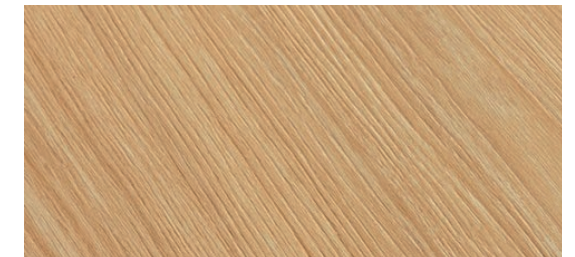
Timber Variant

### Concrete like

Lime Light

### Steel like

Mighty Silver

## with claddings

**Walls** Concrete like lime light
**Ceiling** O7
**Floor** Rubber 6801
**Handrail** K2

Available only at
**KLEEMANN Portal**

Colours may differ slightly from those shown in the brochure, owing to the limitations of the printing process.

Pictures of the materials illustrate detailed part of each material and not its rendering on the cabin surface.

## Interior materials
## & Operating panels

## Floors
## Rubber

**6801**

**6768**

**6727**

## Ceilings

**AVAILABLE FINISH**

Mirror

**O7**

**O55**

## Handrails

**AVAILABLE FINISH**

Mirror

**K2**

**K3**

**According to EN81-70**

**Available only at
KLEEMANN Portal**

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shown in the brochure, owing to the
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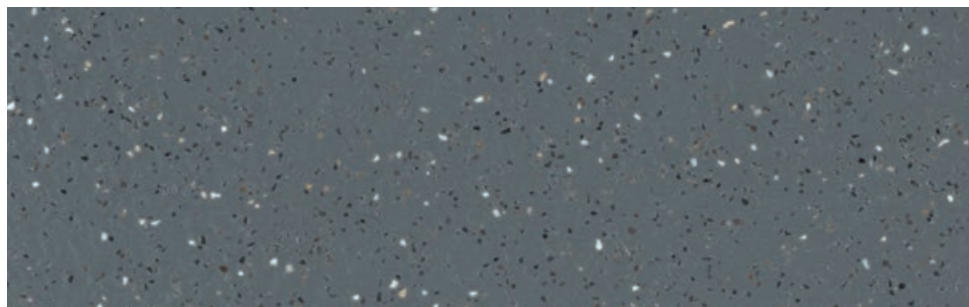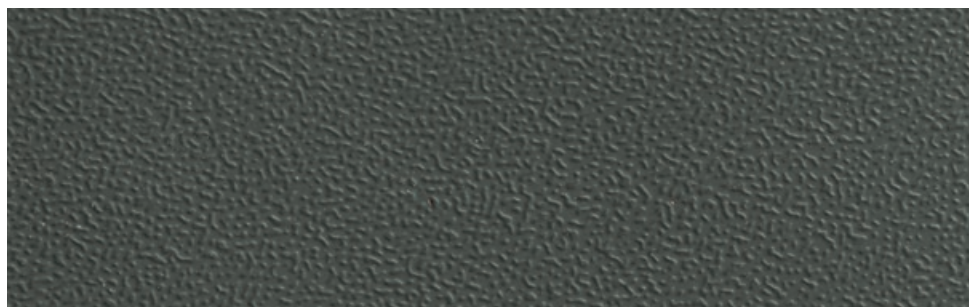its rendering on the cabin surface.

Door Frame
**AKL001**

Button

**B37Q DIMENSIONS**
(W) 37 mm x (H) 37 mm

## Car Operating Panel

**AKC BES DIMENSIONS**
(W) 200 mm x (H) 2000 mm

## Car Operating Panel

**DKC DIMENSIONS**
(W) 200 mm x (D) 24 mm x (H) 1000 mm

## Landing Operating Panel

**DOOR FRAME SOLUTION
WITH NO DISPLAY**

Available only at
**KLEEMANN Portal**

## Door
**AUTOMATIC TELESCOPIC**

**AVAILABLE FINISHES**

Stainless steel - Satin
Stainless steel - Linen
Paint - Pale code

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its rendering on the cabin surface.
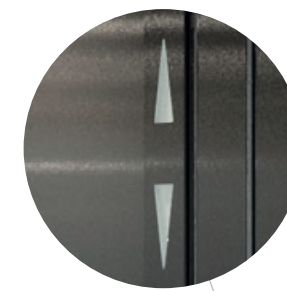
## Indicator
**NEXT DIRECTION ARROWS**

# Key features &
# Planning data
## City 100

## Product fact sheet

● Default ○ Optional

| Lift features | City 100 |
|---|:---:|
| **Perfomance** | |
| Advanced door opening | ○ |
| Full load | ● |
| Compact doors | ● |
| Relevelling | ● |
| Parking level in main floor | ○ |
| Remote monitoring (KLEEMANN Live) | ● |
| **Green & energy saving** | |
| Energy saving LED lighting | ● |
| Standby mode | ○ |
| **Safety & Regulations** | |
| Full height safety edge (Light curtain) | ● |
| Emergency light | ● |
| Two/three-way intercom | ● |
| Fireproof doors E120 | ● |
| EN 81-20 | ● |
| EN 81-28, Emergency call system | ● |
| EN 81-70, Accessibility to lifts | ○ |
| EN 81-73, Fire evacuation | ○ |

| Lift features | City 100 |
|---|:---:|
| **Accessibility & comfort** | |
| Door open button | ● |
| Door close button | ○ |
| Audible floor announcement | ○ |
| Round green frame in main floor Push Button | ○ |
| Car ventilation fan | ○ |
| **Shaft & Landings** | |
| Controller in door frame - At top floor | ● |
| **Digital & electronics** | |
| Controller hand terminal | ○ |
| **Installation & maintenance** | |
| Pendant station | ○ |
| Guide alignment tool | ○ |
| Motor elevation system | ○ |

# Planning data

## Shaft layout

| | |
|---|---|
| **SH** | Shaft headroom |
| **SP** | Shaft pit |
| **CH** | Cabin height |
| **DH** | Door height |
| **TH** | Travel height |

| | |
|---|---|
| **SH** | 3300/3400 mm |
| **SP** | 1000 mm |
| **CH** | 2100/2200 mm |
| **DH** | 2000/2100 mm |
| **TH** | Maximum 21000 mm |
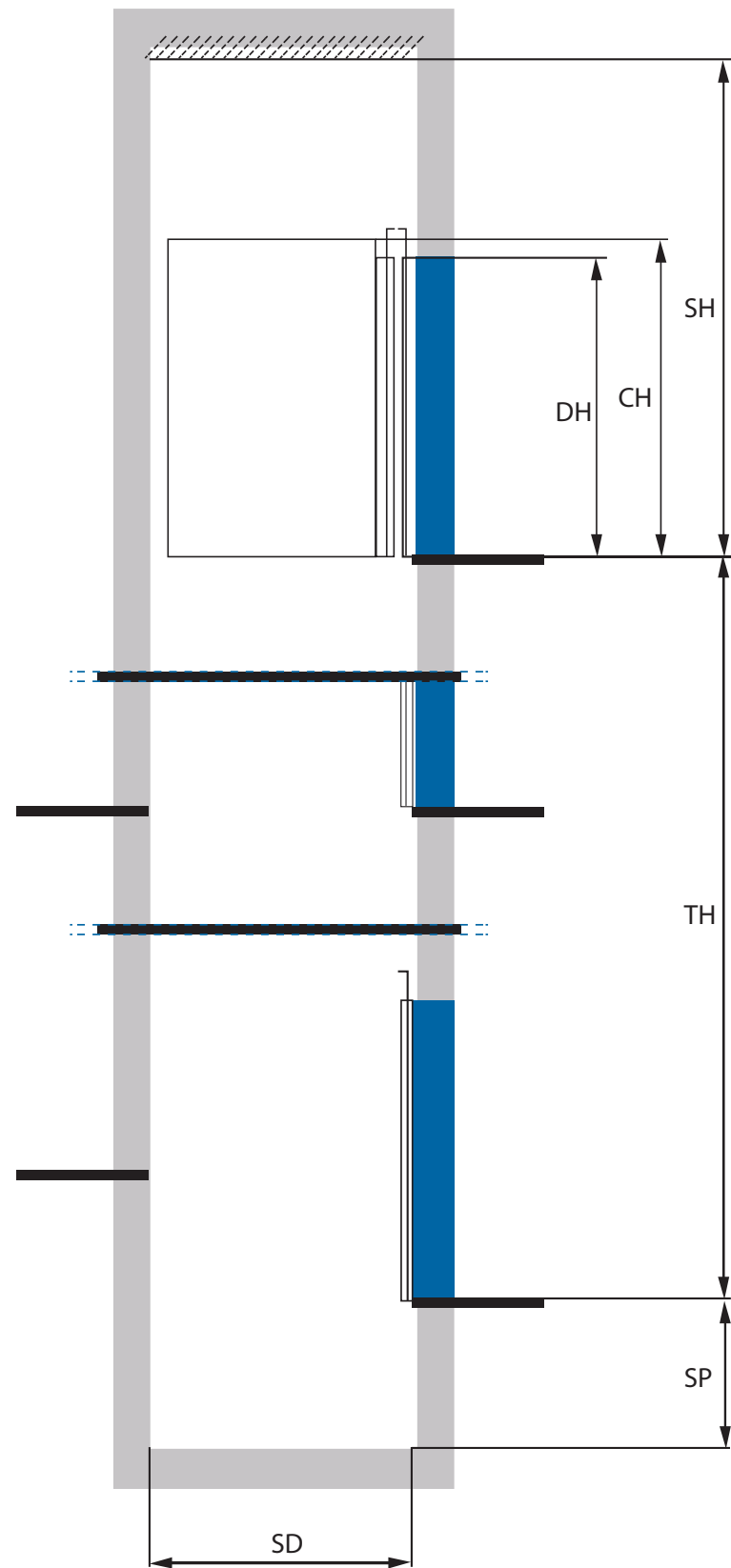
## Door options

| | |
|---|---|
| **SW** | Shaft width |
| **DO** | Door opening |
| **CW** | Cabin width |
| **CD** | Cabin depth |
| **SD** | Shaft depth |
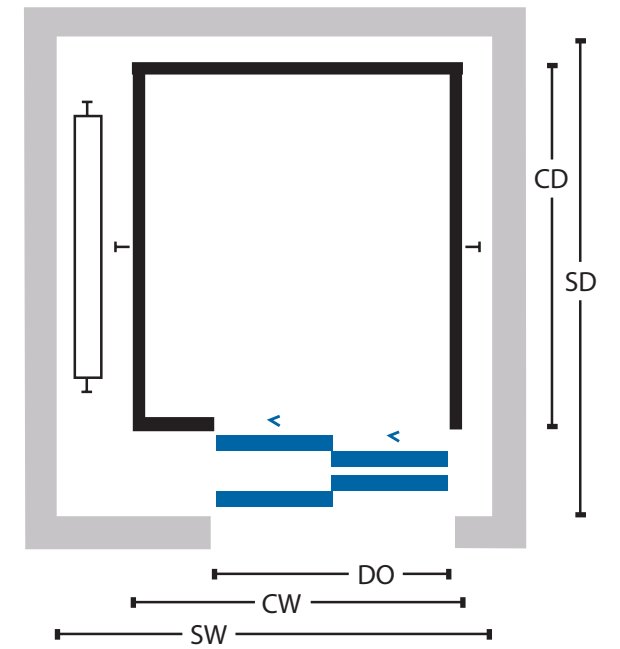
## Planning data

| BASIC INFO | | | CABIN INFO | | DOOR INFO | | | SHAFT INFO | | |
|---|---|---|---|---|---|---|---|---|---|---|
| Rated load | Passengers | Speed | Cabin dimensions (WxD) (front entrance Only) | Cabin height | Door type | Door opening | Door height | Shaft Dimensions (WxD) (Front Entrance Only) | Shaft pit | Shaft headroom |
| kg | No | m/s | mm | mm | | mm | mm | mm | mm | mm |
| 320 | 4 | 1 | 800 x 1100 | 2100/2200 | 2P-Side | 700 | 2000/2100 | 1300 x 1500 | 1000 | 3300/3400 |
| 400 | 5 | 1 | 800 x 1200 | 2100/2200 | 2P-Side | 700 | 2000/2100 | 1300 x 1600 | 1000 | 3300/3400 |
| 450 | 6 | 1 | 1000 x 1250 | 2100/2200 | 2P-Side | 800 | 2000/2100 | 1450 x 1650 | 1000 | 3300/3400 |
| 450 | 6 | 1 | 1000 x 1250 | 2100/2200 | 2P-Side | 800 | 2000/2100 | 1500 x 1700 | 1000 | 3300/3400 |
| 630 | 8 | 1 | 1100 x 1400 | 2100/2200 | 2P-Side | 800 | 2000/2100 | 1550 x 1800 | 1000 | 3300/3400 |
| 630 | 8 | 1 | 1100 x 1400 | 2100/2200 | 2P-Side | 900 | 2000/2100 | 1600 x 1800 | 1000 | 3300/3400 |
| 1000 | 13 | 1 | 1100 x 2100 | 2100/2200 | 2P-Side | 800 | 2000/2100 | 1550 x 2450 | 1000 | 3300/3400 |
| 1000 | 13 | 1 | 1100 x 2100 | 2100/2200 | 2P-Side | 900 | 2000/2100 | 1600 x 2450 | 1000 | 3300/3400 |
| 1000 | 13 | 1 | 1400 x 1600 | 2100/2200 | 2P-Side | 1000 | 2000/2100 | 2000 x 2000 | 1000 | 3300/3400 |

# www.kleemannlifts.com

KLEEMANN has worldwide operations in over 100 countries with local presence in key market points. It stands out for its product range, high quality and control standards, world class design and for its expertise in custom made solutions. Constantly monitoring the global market trends, the company continues to innovate, grow, develop, and improve while consistently remaining in tune with its universal character.

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