

# Forklifts for your world





# What's your world like?



The circumstances of each lift truck driver can be very different: local environment, climate challenges, load capacities, height specifications and individual needs are just a few examples of how they can vary. By listening to you and observing your world, we can design and deliver a lift truck that is ideal for your requirements.

## Built for your world

We understand that the world that matters most to you is your world, not ours. Here at Konecranes Lift Trucks, we listen to, learn from, design for, deliver to and support you to help you succeed in the unique conditions at your operations. Our lift trucks are your lift trucks. They are built for your world.

### Taking on the world

Lift trucks carry the coffee we drink, the paper we write on, and the bricks that build our homes. Almost everything around us, from cocoa to car parts, has been transported by lift trucks at some time. They play an essential role in the logistics of international trade.

Since our humble beginnings in Sweden over 60 years ago, Konecranes Lift Trucks has risen to become a highly valued part of that global trade network, renowned for our quality design, advanced technology and innovative solutions that have transformed the heavy lifting business. And our lift trucks only exist because of our people, who personify our company with their expertise and tireless dedication.



"The hardest part of my job is working outside. Rain, wind and snow can make weather conditions hard."

- Olavur Jacobsen, Faroe Ship, Faroe Islands



# Forklifts for your specific needs

The Konecranes name is world famous for reliable, lasting and technologically advanced equipment for materials handling.

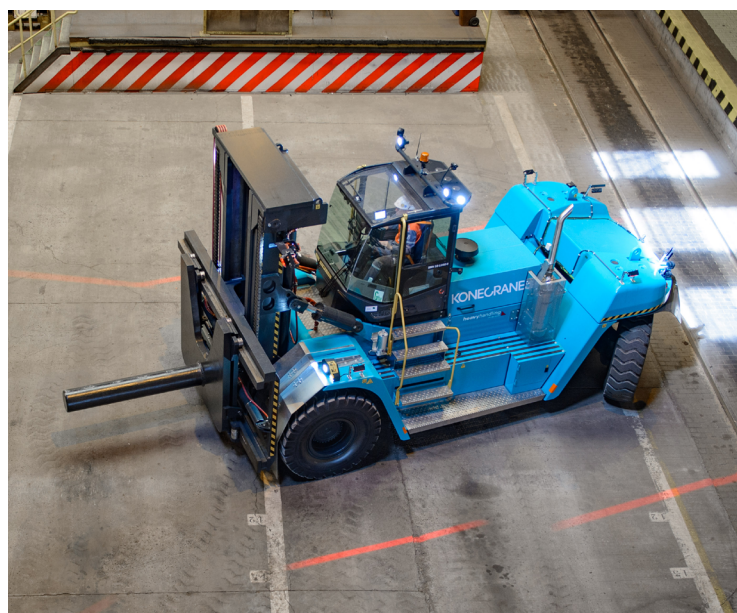
Whether you need one or one hundred, a standardized fleet or machines specially tailored for your unique challenges, the Konecranes forklifts portfolio is as varied as our customers' requirements.

## Branding your trucks

Your forklifts are special, and not just because they come from Konecranes. They play a key role in your operations on your shop floor, in your storage yard, or on your quay. So some customers like to personalize their trucks with company colors, logos or other identifying marks, to show how important their Konecranes forklifts are, while also making them truly unique.

## Major industries that we serve

- Port and terminal
- Metals production
- General manufacturing and bulk
- Food
- Paper and wood
- Mining
- Defense
- Energy



# Succeed in the unique world where you work

We listen, learn and develop our forklifts based on our customers' experiences. Get to know some of our customers and the different worlds they are working in.



Model: E-VER 13.6-600 C  
Sawmill & wood industry



Model: SMV 25-1200 C  
Wind turbine handling



Model: SMV 20-1200 C  
Petroleum and gas industry



Model: SMV 33-1200 C  
Tire handling



# Safety never ends

Material handling is dangerous work, so safety is the number one priority every single day. Because no two sites are exactly the same, we offer a wide variety of safety options to help you to maximize the safety of the people working in your world.



## Top tips for improving safety

Every Konecranes forklift includes plenty of built-in safety features. Here are just a few of the ways you can improve the safety of your forklift even further.

### Work Zone

Use geofencing to remotely control the driving speed, height restrictions and working area of your forklift. This is particularly useful in busy, high-traffic environments.

### Cameras, sensors, lights and warnings

LED light bars, warning lights, reverse cameras and laser sensors all improve visibility and audible warnings (such as reverse alarms) help in low visibility conditions.

### Cabin protection

A windshield grid or cabin safety cage protects the cabin from falling objects by creating a buffer zone between the object and the external surface of the cabin.

Start with prevention. Your technicians and drivers must be properly trained on Konecranes forklift. Then built-in safety features combined with preventive maintenance, CheckApp mobile inspections and taking advantage of Lifetime Advantage upgrades provide the safest forklift you can imagine.

Konecranes uses secure Internet to ensure the safety of your usage data as it travels from the trucks to your KONECRANES.com, the customer portal where you can analyze and plan your operations in detail.

Standards matter. Konecranes keeps up with regulatory changes to ensure that your forklift comply with your local safety requirements, international safety standards and general good practice for the safe use of lifting equipment.



Innovations like Work Zone geofencing and Konecranes CheckApp are not important because they are cutting-edge, but because they make your work environment safer. They protect your drivers and ground staff.



# Customized stone stack gripper for safe loading



Heidelberger Kalksandstein GmbH, with its headquarters in Durmersheim, Baden Württemberg, specializes in the production, support, and distribution of the popular construction material sand-lime brick. The company has 200 employees and seven plants in Germany, as well as one in Switzerland.

## Sensitive handling

Conditions at the Heidelberger Kalksandstein plant in Kronau are rough. Finished stone packages must be transported within the plant – a task that requires robust and sensitive heavy-duty lift trucks. The forklifts on the job must be able to withstand the tough conditions of stone production and at the same time, ensure that the stone packages travel safely from production to the warehouse and to the delivery truck. The driver should also be safe and comfortable whenever operating the vehicle.

## Special tools for secure grip

Konecranes Lift Trucks designed two heavy-duty forklifts specifically for Heidelberger Kalksandstein. They added stone stack grippers from SH Anbaugeräte, special tools that hold stone packages in a secure grip and are large enough to grab several palettes at the same time.

The forklifts on the job SMV 12-1200 C forklifts are the first of the C series to be fitted with a stone stack gripper. Their lifting height is more than 6.5 meters and their bearing capacity in up to 8 tonnes.



**Company:** Heidelberger Kalksandstein GmbH

**Industry:** General manufacturing & bulk

**Country:** Germany

## Outstanding loading and ergonomics for drivers

These robust, hard-working forklifts move the sand-lime bricks around the plant safely. Drivers can load and unload with very high precision.

The gripper is so wide, it can pick up five palettes of bricks at the same time.

The special forklifts are also equipped with an electronic control system and the Konecranes Lift Trucks OPTIMA cabin. This cabin dampens noise and vibration, and includes air conditioning, a strutless windscreen, a DAB radio, and a 7-inch touch monitor. It offers drivers a high level of comfort, a clear overview of their vehicle and optional joystick control.

In the interests of safety, electronic sensors keep the driver informed about the hydraulic clamp pressure. In addition, these special forklifts are restricted to a maximum speed of 12 kilometers per hour.

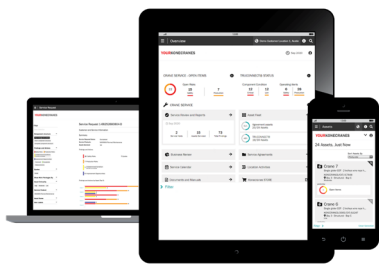
“The heavy-duty lift trucks that Konecranes has made for us can easily handle the rough, dusty and high-traffic environment at our plant and take the stone packages gently and safely to their destination.”

– Heidelberger, Kalksandstein GmbH



# Smart Connected Lift Trucks

We connect data, machines and people to provide you with the insights that allow you to optimize your forklift fleet.



## yourKONECRANES

All the data from your Konecranes forklift travels securely to our customer portal yourKONECRANES, a userfriendly single point of access for comprehensive information on your fleet and its performance. Customized settings simplify maintenance and asset management.

“Through yourKONECRANES.com, we can follow the performance of each truck, including productivity, operational efficiency and fuel consumption. We can also predict parts needed for future preventive maintenance and repair. This feature will optimize both time and resources.” says Mr. Yu Debin, General Manager of Tianjin Sinotrans Container Development.

To assist you in important operational decisions, we’ve made our forklifts smart and connected. Keep up to date with your equipment using analytics about the current condition by sending analytical data to the online customer portal yourKONECRANES. There you can adjust equipment settings, plan maintenance, and optimize your operations for your world.

Konecranes TRUCONNECT telematics and the yourKONECRANES customer portal offer near real-time monitoring and diagnostics. Online trucks allow you to follow truck movements, check oil, monitor tire pressure, improve energy consumption and much more that will boost the safety and efficiency of your operation.

In 2012, we sold our first Smart Connected Lift Truck. Since 2022, TRUCONNECT® has been standard on all new Konecranes lift trucks.



Explore more  
[www.kclifttrucks.com/digital-solutions](http://www.kclifttrucks.com/digital-solutions)

# Get your Lifetime Advantage

After you purchase a Konecranes forklift, we offer you far more than just after-sales service. You can get resources for truck maintenance, fleet management, investment growth and safety enhancements, all backed up by a dependable support network.

Because this is available to you for the entire life cycle of your Konecranes forklift, we call it the Konecranes Lifetime Advantage. It’s a better experience.



### A smarter maintenance experience

Our Smart Connected Lift Trucks resources give you a clear view of your Konecranes machine. See its current status along with its overall performance. Then access simple-to-use tools such as CheckApp and Maintenance Planner to put your insights into action. A clear view leads to smart maintenance and a lifetime of reliable performance.



### A wiser management experience

Konecranes digital tools help you to better assess the efficiency, cost effectiveness and productivity of your forklift fleet. Understand how your machines are being used, the driving patterns of your team, and the overall sustainability of your operation. Accurate, up-to-date knowledge means smarter decisions and a lifetime of fleet efficiency.



### A cleverer investment experience

Your forklift fleet is a significant investment. We help you to preserve its value through our upgrade packages, retrofits and sustainability improvements. You get a feeling of “money well spent” with a reliable fleet that gives you a solid return on your investment. The longer you stay with us, the better your investment will look.



### A safer driving experience

Safety is embedded in everything we do. It’s the first thing on our minds when designing our forklift, when thinking about their maintenance, and when considering your drivers’ day-to-day machine handling experience. A safer forklift is a better forklift. Lifetime Advantage prioritizes safety in and around Konecranes forklifts.



### A dependable team with experience

With the deep knowledge that comes from many decades of designing, manufacturing and selling forklifts, we offer you outstanding technology and expertise through carefully chosen distributors who are fully committed to the success of our customers. For the entire life cycle of your equipment, we will always be at your side.

## Genuine Konecranes parts and promotions

Genuine Konecranes parts are the best protection for your investment increasing the reliability and performance of your Konecranes forklift.

Explore more  
[kclifttrucks.com/lifetime-advantage](http://kclifttrucks.com/lifetime-advantage)





# Konecranes Ecolifting

Every Konecranes forklift is designed with environmental sustainability in mind. Our knowledge and innovative technologies help to make lifting and material flows more productive while minimizing waste, energy and time throughout the value chain.

## Uncompromised performance

Konecranes Ecolifting future-proofs your lift truck fleet by significantly decreasing your fuel consumption, on-site emissions and overall carbon footprint without reducing performance. Not only do our factories use renewable energy, but our trucks are available with a range of technical innovations and energy options so that you can choose the solution that best suits your world.

## HVO100

The latest generation of Konecranes forklifts can use HVO100, a 100% renewable and fossil-free chemical copy of diesel fuel made mostly of vegetable oil. With almost the same characteristics as regular diesel, it reduces carbon emissions by up to 90%. This is a fast and economical transition that doesn't require changes to your local infrastructure.

## KONECRANES ecolifting



## Less CO<sub>2</sub> per move

The Path to Ecolifting offers solutions that decrease your carbon footprint without reducing performance.

1. Change from conventional diesel to biofuel.
2. Make your diesel drives as eco-efficient as possible.
3. Step forward to fully electric equipment.

# Eco-efficiency by default

Proper maintenance using genuine Konecranes parts and services extends the service life of your lift trucks with lower fuel consumption, less wear and tear and more efficient use of resources.

## Electricity

Electric forklifts run on lithium-ion batteries, so you need access to a reliable electricity grid and convenient charging points around your site. They emit no tailpipe emissions, and reach their full eco-efficient potential when your local grid generates power from renewable sources.

## E-VER

The Konecranes E-VER electric forklift is a high-performance lifting machine just as powerful and productive as our standard lift trucks. Its fast-charge recyclable Li-ion battery means zero fuel, zero fumes and zero tailpipe emissions. If you prefer, use Battery as a Service (BaaS) for a flexible battery arrangement to suit your changing needs.



Every industry has its own special requirements. The equipment must be customizable to your particular business, so you don't have to tailor your operations to the limitations of the equipment.



# Driver-friendliness

For the driver spending countless hours in a lift truck, the most important thing is probably not the return on investment or the overall performance of the fleet. Drivers want to feel secure and comfortable, and have the opportunity to do their jobs with precision and effectiveness.

## Meeting the needs of drivers



The OPTIMA cabin is designed to enhance comfort, safety, and productivity for Konecranes lift truck operators. It is the market leader in terms of visibility, featuring large, unobstructed windows that provide remarkable sightlines in all directions. The cabin also includes an integrated touch screen for full monitoring of vital components and ergonomic instrumentation for easy access to controls. The driving experience is further improved with adjustable seating, climate control, and low noise levels. Its robust steel structure ensures durability, while customizable options like lift controls and cabin positioning cater to various operational needs.

### 02 ELECTRONIC MACHINE CONTROL

The EMC Master displays all vital components and functions on a 7-inch touch screen. CanBus technology improves engine and transmission reliability as well as hydraulic and joystick control.

### 01 OUTSTANDING ERGONOMICS

With driver-focused design, the OPTIMA cabin is the most spacious cabin on the market. Everything is within easy reach. Visibility is excellent in all directions.

### 03 HEAVY-DUTY BOX-TYPE CHASSIS

The strongest on the market. The foundation of long-lasting high performance.

### 04 MAINTENANCE-FREE BRAKES

Brakes with continuous oil cooling provide full braking power in every situation.

### 05 THE RIGHT MAST

Select the right lifting mast from a wide range, including options such as Duplex, Triplex, free lift – whatever suits your application.

### 06 SMART LOAD-SENSING HYDRAULICS

Specially designed hydraulics sense the weight of the load and adapt lifting power accordingly. The truck gives maximum power only when needed, so it consumes less fuel while reducing emissions and noise.

### 07 POWERFUL ENGINE

A certified low-emission engine provides extra-high torque at low revs for reduced fuel consumption, driveline adjustments improve efficiency still further and HVO100 biofuel minimizes emissions.

### 08 FORKS AND OTHER ATTACHMENTS

Our forklifts can use a wide range of forks as well as coil rams, spreaders, roll clamps, and any attachment you might require for specialized materials handling. A quick-change system makes it easy to adapt your forklift to different lifting needs.



People are your most valuable asset. Driver-friendly trucks facilitate the well-being and work of the drivers. Cabins that are well-designed for long shifts and demanding conditions lead to relaxed and more effective drivers. Konecranes cabins put your drivers in a position to succeed – to be their best at what they do.



# We have the attachment

What do you need to lift? You'll find your lifting solution in our complete range of attachments for forklifts.

## Fork and carriage combinations



Standard carriage with integrated forks, sideshift, and fork positioning

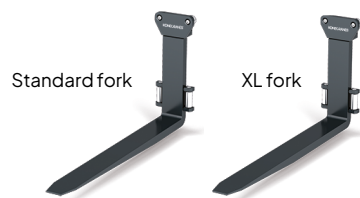


Carriage with kissing forks for steel handling



Carriage with reinforced forks for round cargo

## Fork and fork shaft systems (fss)



Different cross-sections, lengths, tapering and reinforcements



Fork shaft system hook-type



Fork shaft system, pin-type

## Coil rams



Single coil ram with fork shaft



Double coil ram with fork shaft



Single coil ram, integral version

## Fork and carriage combinations



Duplex, 2-stage, no freelif



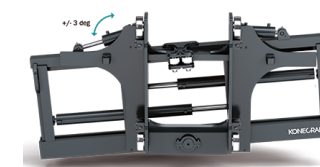
Duplex, 2-stage, with freelif



Triplex, 3-stage with freelif



Carriage with one leveling fork (up/down) for sensitive cargo like sawmill products



Carriage with center leveling (2 forks) for sensitive cargo



Carriage with fork shaft system (multi-function), pintype and hook-type versions

## Attachments



Different container spreaders with inverted forks and fork shafts



Multiple paper roll clamp (single or double)



Fork rotator carriage



Concrete tube clamp (different versions)

### Also available

- Fork extensions: pantograph, lifting hook, lifting jib
- Pipe and tube clamp

- Pallet handlers: double, triple
- Magnets for lifting steel
- And more available upon request





# The world’s hardest-working forklifts

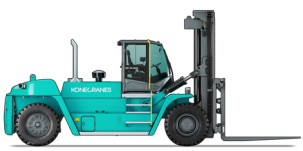
When you buy a Konecranes forklift, you are investing in time-tested technology with innovative, eco-efficient features to enhance productivity and cut lifecycle costs. We offer a range of solutions and technologies to reduce engine, drive train

and tire wear, extend the functional life of your forklift and decrease your running expenses. When your lifting needs change, a well-maintained forklift also has high resale value.



## 10–18 Tons

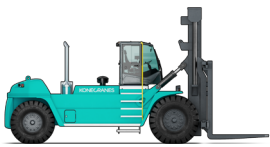
| MODEL NAME     | CAPACITY            | WHEELBASE |
|----------------|---------------------|-----------|
| SMV 10–600 CS  | 10 tons at 600 mm   | 2800 mm   |
| SMV 12–600 CS  | 12 tons at 600 mm   | 3000 mm   |
| SMV 10–600 C   | 10 tons at 600 mm   | 3000 mm   |
| SMV 12–600 C   | 12 tons at 600 mm   | 3000 mm   |
| SMV 10–1200 C  | 10 tons at 1200 mm  | 3250 mm   |
| SMV 13.6–600 C | 13.6 tons at 600 mm | 3250 mm   |
| SMV 12–1200 C  | 12 tons at 1200 mm  | 3500 mm   |
| SMV 16–600 C   | 16 tons at 600 mm   | 3500 mm   |
| SMV 16–900 C   | 16 tons at 900 mm   | 3500 mm   |
| SMV 15–1200 C  | 15 tons at 1200 mm  | 3750 mm   |
| SMV 16–1200 C  | 16 tons at 1200 mm  | 3750 mm   |
| SMV 18–600 C   | 18 tons at 600 mm   | 3750 mm   |
| SMV 18–900 C   | 18 tons at 900 mm   | 3750 mm   |



## 18–33 Tons

| MODEL NAME      | CAPACITY             | WHEELBASE |
|-----------------|----------------------|-----------|
| SMV 18–1200 CS  | 18 tons at 1200 mm   | 4000 mm   |
| SMV 20–1200 CS  | 20 tons at 1200 mm   | 4000 mm   |
| SMV 22–1200 C   | 22 tons at 1200 mm   | 4250 mm   |
| SMV 23.6–1200 C | 23.6 tons at 1200 mm | 4250 mm   |
| SMV 25–1200 C   | 25 tons at 1200 mm   | 4250 mm   |
| SMV 28–1200 C   | 28 tons at 1200 mm   | 4500 mm   |
| SMV 32–1200 C   | 32 tons at 1200 mm   | 4750 mm   |
| SMV 33–1200 C   | 33 tons at 1200 mm   | 4750 mm   |

Other models upon request



## 37–65 Tons

| MODEL NAME    | CAPACITY           | WHEELBASE |
|---------------|--------------------|-----------|
| SMV 37–1200 C | 37 tons at 1200 mm | 5000 mm   |
| SMV 42–1200 C | 42 tons at 1200 mm | 5500 mm   |
| SMV 45–1200 C | 45 tons at 1200 mm | 5500 mm   |
| SMV 50–1200 C | 50 tons at 1200 mm | 6000 mm   |
| SMV 52–1200 C | 52 tons at 1200 mm | 6000 mm   |
| SMV 55–1200 C | 55 tons at 1200 mm | 6000 mm   |
| SMV 60–1200 C | 60 tons at 1500 mm | 6000 mm   |
| SMV 65–1200 C | 65 tons at 1200 mm | 6000 mm   |



## E-VER10–25 Tons

| MODEL NAME       | CAPACITY            | WHEELBASE |
|------------------|---------------------|-----------|
| E-VER 10–600 C   | 10 tons at 600 mm   | 3000 mm   |
| E-VER 12–600 C   | 12 tons at 600 mm   | 3000 mm   |
| E-VER 10–1200 C  | 10 tons at 1200 mm  | 3250 mm   |
| E-VER 13.6–600 C | 13.6 tons at 600 mm | 3250 mm   |
| E-VER 12–1200 C  | 12 tons at 1200 mm  | 3500 mm   |
| E-VER 16–600 C   | 16 tons at 600 mm   | 3500 mm   |
| E-VER 16–900 C   | 16 tons at 900 mm   | 3500 mm   |
| E-VER 15–1200 C  | 15 tons at 1200 mm  | 3750 mm   |
| E-VER 16–1200 C  | 16 tons at 1200 mm  | 3750 mm   |
| E-VER 17–1200 C  | 17 tons at 1200 mm  | 3750 mm   |
| E-VER 18–600 C   | 18 tons at 600 mm   | 3750 mm   |
| E-VER 18–900 C   | 18 tons at 900 mm   | 3750 mm   |
| E-VER 18–1200 C  | 18 tons at 1200 mm  | 4000 mm   |
| E-VER 20–1200 C  | 20 tons at 1200 mm  | 4000 mm   |
| E-VER 22–1200 C  | 22 tons at 1200 mm  | 4250 mm   |
| E-VER 25–1200 C  | 25 tons at 1200 mm  | 4250 mm   |





Konecranes is a global leader in material handling solutions, serving a broad range of customers across multiple industries. We consistently set the industry benchmark, from everyday improvements to the breakthroughs at moments that matter most, because we know we can always find a safer, more productive and sustainable way. That's why, with around 16,500 professionals in over 50 countries, Konecranes is trusted every day to lift, handle and move what the world needs. In 2024, Group sales totalled EUR 4.2 billion. Konecranes shares are listed on Nasdaq Helsinki (symbol: KCR)

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Customer stories:  
[kclifttrucks.com/customer-stories](https://kclifttrucks.com/customer-stories)

**KONECRANES** Moves what matters.