

Industrial Cranes

CORE OF LIFTING



WHAT IS THE CORE OF LIFTING?

At the basic level, it is the integrated component package consisting of...

MOTOR,
GEARBOX and
CONTROL SYSTEM

...that we design and manufacture in house.

SNAPSHOT CORE OF LIFTING

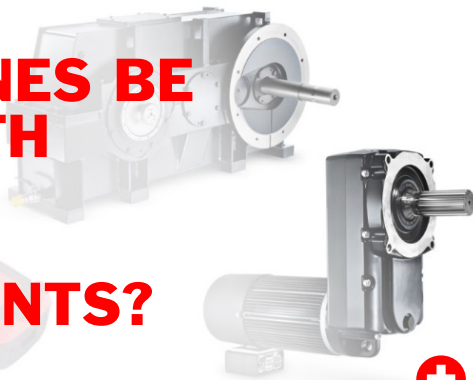
**TODAY OVER
500,000**
cores of lifting are
working around the
world in
Konecranes cranes

**OVER
2,000,000**
motors made and
delivered since
1933

**OVER
1,000,000**
gearboxes made
and delivered
since 1933



**CAN CRANES BE
BUILT WITH
GENERAL
PURPOSE
COMPONENTS?**



**IS CONTINUOUS
QUALITY
TESTING
IMPORTANT?**



**IS SAFETY
MORE THAN
A HELMET?**



**READY FOR
A RELIABLE
LONG-TERM
INVESTMENT?**





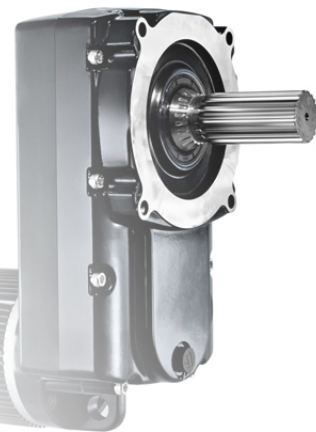
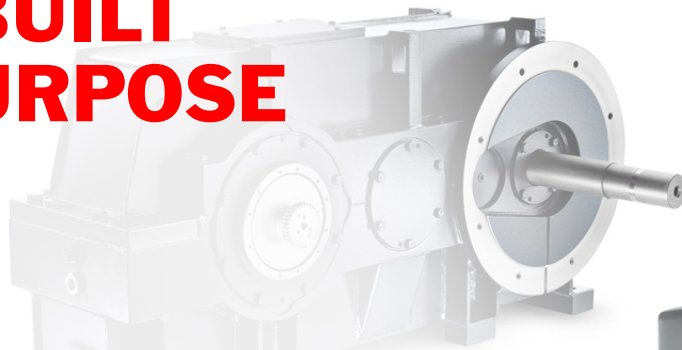
CAN CRANES BE BUILT WITH GENERAL-PURPOSE COMPONENTS?

Not at Konecranes.

Our motors, gears and controls are designed specifically for cranes and in particular, lifting motions. This gives our cranes a longer lifetime and excellent functionality. We aim for the highest levels of safety and reliability in our key components.

Carefully designed unity.

We design, manufacture and test all of our components ourselves, to make sure all parts of the cranes work together seamlessly as an integrated whole. These components provide the foundation for our hoists, cranes and industry-specific applications.





IS CONTINUOUS QUALITY TESTING IMPORTANT?

Yes, it is.

Testing individual components is crucial, but we also test our cranes as a system to make sure each component works in sync with the entire crane, as it was designed to do.

We test the quality of our products many times throughout design, manufacturing and assembly.

High quality is a driver in every single phase of the delivery process, all the way from the drawing board to the customer site.

Strict quality control and no compromise with safety means we can vouch for our products and provide reliable equipment to our customers.

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IS SAFETY MORE THAN A HELMET?

For us, safety comes first, and it is definitely more than a helmet.

This is why we design and develop every aspect of our cranes, from the smallest components to full assembly, testing and delivering with safety as our top priority. With industrial equipment, safety comes from quality. Whether we are researching better material, manufacturing crane parts or providing you with training or maintenance, we always aim for the highest quality.

In our laboratories, we develop and test equipment for many different industrial applications and environments. We want to deliver equipment you can rely on, so we invest a lot of time and attention into designing it to be dependable and long-lasting.

Even so, make sure you remember to wear your helmet.

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READY FOR A RELIABLE, LONG-TERM INVESTMENT?

If you are, we are.

We have been in crane business for over 80 years. This means that we have the experience and the know-how to make reliable equipment that lasts. With every crane, we take on true lifetime responsibility for our products and their core components.

We want to provide our customers with the best solution that is right for them.

There is no "one size fits all" in industrial lifting. We are with you every step of the process - from initial consultation all the way to delivery. Our relationship doesn't end with delivery, we'll continue to provide technical support and can help you with service, parts and training for all your lifting equipment. Our people are here for you.



CORE OF LIFTING IN INDUSTRIAL CRANES

Our products are designed around key components that we design and manufacture in-house: the Konecranes gears, motors and controls. The key component package is integrated to work in unison, as the core of the crane. We don't just design every component, we design the interaction between them specifically for crane use. This in-house approach allows us to satisfy customer-specific needs with the benefits of high-volume manufacturing.

[SEE THE CORE OF LIFTING IN ACTION](#)