



HIAB WASTE & RECYCLING

WE HELP YOU JOIN THE DOTS





NO MORE WASTE

In the ideal future scenario, nobody 'throws things away' any more. We no longer even use the word, waste. We just say 'resources'. All products are designed for easy disassembly and recycling. Used materials circulate around the global economy, being continuously formed and reformed into useful products.

The circularity of the economy as a whole is mirrored by the smooth circulation of materials in the waste and recycling loop. Collection, sorting, processing and redistribution all operate quickly, safely and seamlessly.

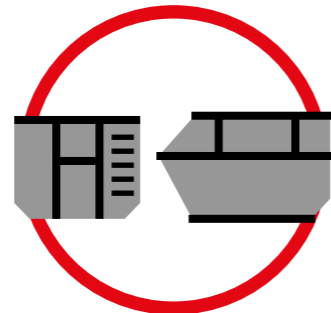
We want to contribute to making this vision a reality, by helping you **join the dots** from collection points to waste transfer stations, to processing centres and beyond.

While different types of waste demand different solutions, Hiab can always make a contribution. Pick up domestic waste metal, wood, plastic and glass with our **loader cranes**. Lift industrial metal waste and commercial glass waste onto trucks with our **recycling cranes or hook lifts**.

Collect used electrical appliances, for example, using our **truck-mounted forklifts** or trucks equipped with **tail lifts**.

And virtually all our products can be used to help you process construction and similar waste.

COMMERCIAL WASTE

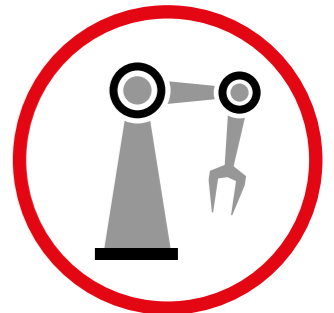


Domestic and industrial waste is loaded, ready for transport to a waste transfer station or sorting centre.

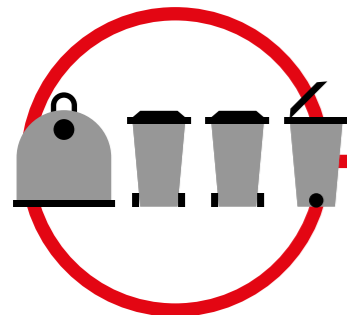
RECYCLING



NEW PRODUCTION



Once sorted and processed, materials can be fed back into the production process.



HOUSEHOLD WASTE

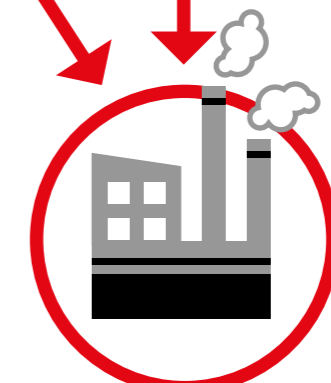


WASTE TRANSFER STATION

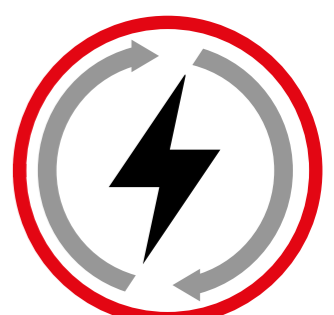


COMPOSTING

Energy from waste incineration is recovered and used to supply district heating systems or generate electricity. Only the ashes – a fraction of the original volume – go to landfill.



WASTE TO ENERGY



HEATING & ELECTRICITY

HIAB AND THE ECOSYSTEM FROM DOT TO DOT

Lifting, loading, unloading. All these operations recur throughout waste materials' journey from source to recycling or disposal. Hiab offers expertly designed equipment to help you join these dots.

LOAD HANDLING

FROM LIGHT TO HEAVY

On the following pages, you can read about the efficiency, durability and safety our robustly constructed products can bring to your waste and recycling operations – and about the advanced services we offer to keep things running smoothly.



8. TAIL LIFTS

Minimize costs and safely maximize throughput with our tough, durable tail lifts ZEPRO and DEL.



10. TRUCK-MOUNTED FORKLIFTS

Pick up and deliver more in less time with MOFFETT truck-mounted forklifts.



12. LOADER CRANES

Raise productivity, save time, and save fuel with smooth, safe HIAB loader cranes.



14. RECYCLING CRANES

Choose JONSERED to handle heavy or bulky waste responsibly, economically, and sustainably.



16. HOOKLIFTS & SKIPLoadERS

MULTILIFT gives you an edge over your competitors and every load-handling challenge.



18. SERVICES

A comprehensive range of services to keep your Hiab equipment running smoothly.

LIGHTEN THE LOAD

Tail lifts are ubiquitous. Packages, crates, racks, and trolleys are loaded and unloaded day in, day out, often with barely a thought for how it is done. But like all behind-the-scenes operations, the right equipment can make a big difference to safety, efficiency and environmental impacts. Choose the best. Choose a ZEPRO or DEL tail lift by Hiab.

DURABILITY

With your tight schedules, you need to be confident that you can keep operating with no breakdowns. Our tail lifts are solidly built and, with the proper service and maintenance, you can look forward to seamless, trouble-free deliveries for years to come. And all backed up with an extensive service network and easy access to original spare parts.

SAFETY

Our tail lifts protect operators and cargoes, with high safety factors and quality components built into our mechanical and hydraulic design and construction. They significantly reduce the risk of injuries, providing a safer, more ergonomic way of working.

SUSTAINABILITY

We build tail lifts to last, which is in itself a major contributor to sustainability. Moreover, we're ready for a future with even greater congestion in urban environments and increasingly stringent safety regulations. Two features enable a PIEK-certified noise level – below 60 db(A) – making our tail lifts suitable for transport and delivery during day and night time. They are:

- A new platform coating which suppresses loud noises and reduces the risk of slips
- An efficient hydraulic unit with quieter engine and pump.



MORE DELIVERIES LESS TIME

Pick up more, deliver more, in less time. Our MOFFETT truck-mounted forklifts are the smart way to meet the challenges of urbanization, waste management, and increasingly tough environmental standards.

Strong, agile, and versatile, our MOFFETT range has a high power/weight ratio and outstanding stability, thanks to its unique design. Loading and unloading are significantly faster so your MOFFETT model is ready for work in less than 60 seconds. And our battery-powered E-Series model gives you unobtrusive, zero-emissions access to sensitive urban environments.

DURABILITY

Rugged, all-terrain, low maintenance – our MOFFETT truck-mounted forklifts are reliable workhorses that shrug off severe weather and problematic ground to deliver lasting, consistent performance.

SAFETY

Your drivers have an excellent field of vision and can unload cargo single-handedly from our MOFFETT truck-mounted forklifts. This not only improves safety, but also saves valuable time. Our 4-way MOFFETT models enable wide or long loads to be delivered in confined spaces, whatever the terrain. Our Ground Mount systems enable quick and easy dismounting from the truck or trailer with increased safety.

SUSTAINABILITY

We're proud to say that the MOFFETT E-series Pro Future™ is the world's first truck-mounted forklift powered by a Li-ion battery. Accredited with the Quiet Mark by the Noise Abatement Society, our E-Series also has zero local emissions, making it ideal for deliveries from outside to inside and within sensitive urban environments.

As recycling shifts from specialization to established routine, our MOFFETT truck-mounted forklifts provide everything you need to transport waste and recyclables cost-effectively.



WE LIKE TO MOVE IT

Our pioneering loader cranes are the fastest, smoothest and safest on the market. Designed to increase productivity and save time and fuel, they embody our immense experience and expertise in this field.

One example from waste collection is our S-HIPRO 130 refuse collector, designed for lifting underground urban waste containers. Enabling automatic loading cycles for emptying waste bins, this crane is a true game-changer. Sensors continuously detect the position of the hook and feed data back to the control system, making vertical lifting easy for even inexperienced operators to perform.

With our highly versatile space-saving design you can use a bigger compactor that collects more waste per tour, saving you time and fuel. Our XS 211W HiPro is another example. A 21-ton crane is optimized for light recycling duties: fast, precise, and suitable for very compact vehicles.

DURABILITY

Along with our advanced nDurance coating, which gives every surface three different protective layers, our robust loader cranes have a number of durability-enhancing features. For example, the use of soft-seal couplings and high-quality cables designed to handle impacts and harsh weather.

SAFETY

Our SPACE control system for loader cranes offers a series of important safety benefits. A few examples are: Semi-automatic folding (SAF) which prevents damage caused by incorrect operation; Crane tip control (CTC) which monitors hook position, freeing up operators to pay more attention to the load movements and working environment; and our Load stabilizing system (LSS) which minimizes load oscillations, improving control and safely accelerating your lifting cycle.

SUSTAINABILITY

ProFuture™ features set new standards in operating efficiency to cut time, costs, and emissions. Some highlights are: Electric power take-off (ePTO) cranes which are battery-powered for quiet operation with no local emissions; our patented Cyclone tank which de-aerates oil ten times more efficiently than the industry standard (enabling a smaller tank and reduced oil charge); and Automatic dumping of oil (ADO) which redirects oil to the tank during extended idling, prolonging oil life and saving fuel.

With features that often go beyond compliance to deliver superior safety, you can rely on HIAB loader cranes for smooth and speedy operations, without risk.



WHAT GOES AROUND COMES AROUND

The demands for handling waste in a responsible and sustainable way have never been greater. Whether your work involves moving metal in scrap yards, wood at bio-power plants or debris on building sites, your choice of crane makes all the difference.

Hiab's JONSERED recycling cranes are perfectly adapted for the tough jobs ahead. The range includes a variety of designs, boom types, and capacities to match your recycling needs. Each can be tailored – stationary or truck-mounted, bucket or grapple, S-boom, or Z-boom – to suit your application. Due to a well-proportioned hydraulic system, you get the speed and strength you need for recycling applications and can efficiently handle a variety of heavy and bulky materials.

DURABILITY

Multiple features are designed to lengthen the service life of our recycling cranes while keeping maintenance and repairs down to a minimum. For example, double-rack slewing gives the slewing motion a smooth start and is especially suitable for heavy-duty applications. Their high torque design is both reliable and powerful.

SAFETY

When it comes to keeping you and your surroundings safe at work, there's no room for compromise. JONSERED recycling cranes offer a choice of two safety systems – both designed to make your work as safe and efficient as possible while being adapted to your operational needs.

SUSTAINABILITY

Each JONSERED crane is coated using the nDurance paint process. With no heavy metals and virtually zero waste, this provides high corrosion resistance and makes for an environmentally sound choice. Both fixed and variable pumps are standard options. Choose a variable pump if you want to reduce fuel consumption and CO2 emissions, while increasing oil life with low temperatures.

Let us help turn your waste into a useful, sustainable resource in a useful, sustainable way and ensure what goes around comes around.



MOVING YOUR BUSINESS IN THE RIGHT DIRECTION

Hiab pioneered demountables 70 years ago with our first MULTILIFT products. As the world's biggest manufacturer, today we have unrivalled experience and a rare global reach. Our hooklifts and skiploaders offer market-leading productivity and reliability that give you the edge over your competitors – and over any load-handling challenge.

We help shape the industry by tackling new challenges, as with our original bolt-on installation concept. And now we are doing it again with our digital HiConnect system, the cloud-based solution that's capable of connecting all our equipment. HiConnect collects and processes operational data, which we can use to optimize our products and meet your specific needs.

DURABILITY

Our equipment meets or exceeds quality standards, both regulatory and those imposed by our customers. It delivers market-leading productivity and reliability in the harshest operating environments. For extended resistance to corrosion, we use our CorrosionResistant™ zinc-based primer, and paint all machine parts individually.

SAFETY

Our versatile MULTILIFT demountables combine the highest capacity/weight ratio with stability and control. For safe, speedy operation, we offer options like:

- SafetyPlus™ – boosts safety for the operator and the working environment
- SkipTop™ – automated load cover, deployed at the touch of a button

SUSTAINABILITY

Our EvoLight™ technology's high strength/weight ratio means bigger payloads using less fuel and reducing CO2 emissions. And you can further improve sustainability by fine-tuning your capacity and power requirements with our CapacitySpecific™ design.

Whether you're moving bulky materials, high-volume waste, gravel, metal scrap or containerized equipment, MULTILIFT keeps you competitive.



KEEPING YOUR EQUIPMENT IN SERVICE

We offer the vital services you need to ensure reliable uptime throughout your equipment's lifecycle. With the latest tools and connectivity, and a wide network of experts, we can ensure that your Hiab equipment keeps delivering the same, high performance throughout its entire lifetime.



LIFECYCLE SERVICES

Our Lifecycle Services ensure your Hiab equipment performs as it should, covering installation, training, and a flexible service contract that extends your equipment's lifetime. Whether you need an urgent repair, additional maintenance, individual expertise or fast troubleshooting, we are always there for you.

- Professional service throughout equipment's lifecycle for best performance
- Flexible offering to fit your day-to-day operations
- Service contracts for scheduled and predictive maintenance



ORIGINAL PARTS

With our Original Parts, your Hiab product will maintain the same functionality and quality you originally invested in. The parts are manufactured to the highest standards and available for partners/dealers to order them from our online shop. Our optimized stock and logistics ensure next-day shipment from our warehouse on almost all items.

- Original quality for best performance
- Perfect fit for quick repair/maintenance
- Easy ordering with high availability
- Next-day shipment for maximized uptime



CONNECTED SERVICES

Our Connected Services keep you one step ahead, with next-generation intelligence that gives new insights to help you maintain peak performance and uptime. We use data from your Hiab equipment to identify the risk of unplanned downtime. And then plan suitable preventive maintenance, ensuring you receive the best service and support possible. The result is improved efficiency, productivity, and safety.

- Risk analysis and predictive maintenance based on equipment data
- Remote support available

PROCARE™

Our flexible service contract ProCare™ is designed to secure the uptime of all Hiab equipment and give you total peace of mind. Scheduled and preventive maintenance help your equipment retain the same high quality you invested in. ProCare™ reduces the risk of costly breakdowns and unexpected downtime, minimizes your TCO and boosts resale value.

INSTALLATION

Using our installation services provides the highest quality installation to your specification – not only safe but also compliant with the latest legislation. We work closely with vehicle manufacturers to ensure we have the latest design guidelines and use up-to-date stability calculations and design software.

SERVICE KITS

Make maintenance faster, easier and smarter. Our service kits are designed to meet the most common maintenance needs and requests from our customers. Using our service kits for preventive maintenance guarantees all relevant parts are changed simultaneously to secure higher equipment uptime and increased profits.

GLOBAL SERVICE NETWORK

Our global service network operates in more than 100 countries, providing quick support whenever and wherever you need it. We combine our own service centers with carefully selected partners to ensure professional care for your Hiab equipment, reducing the risk of costly downtime.



MEETING YOUR NEEDS TODAY AND TOMORROW

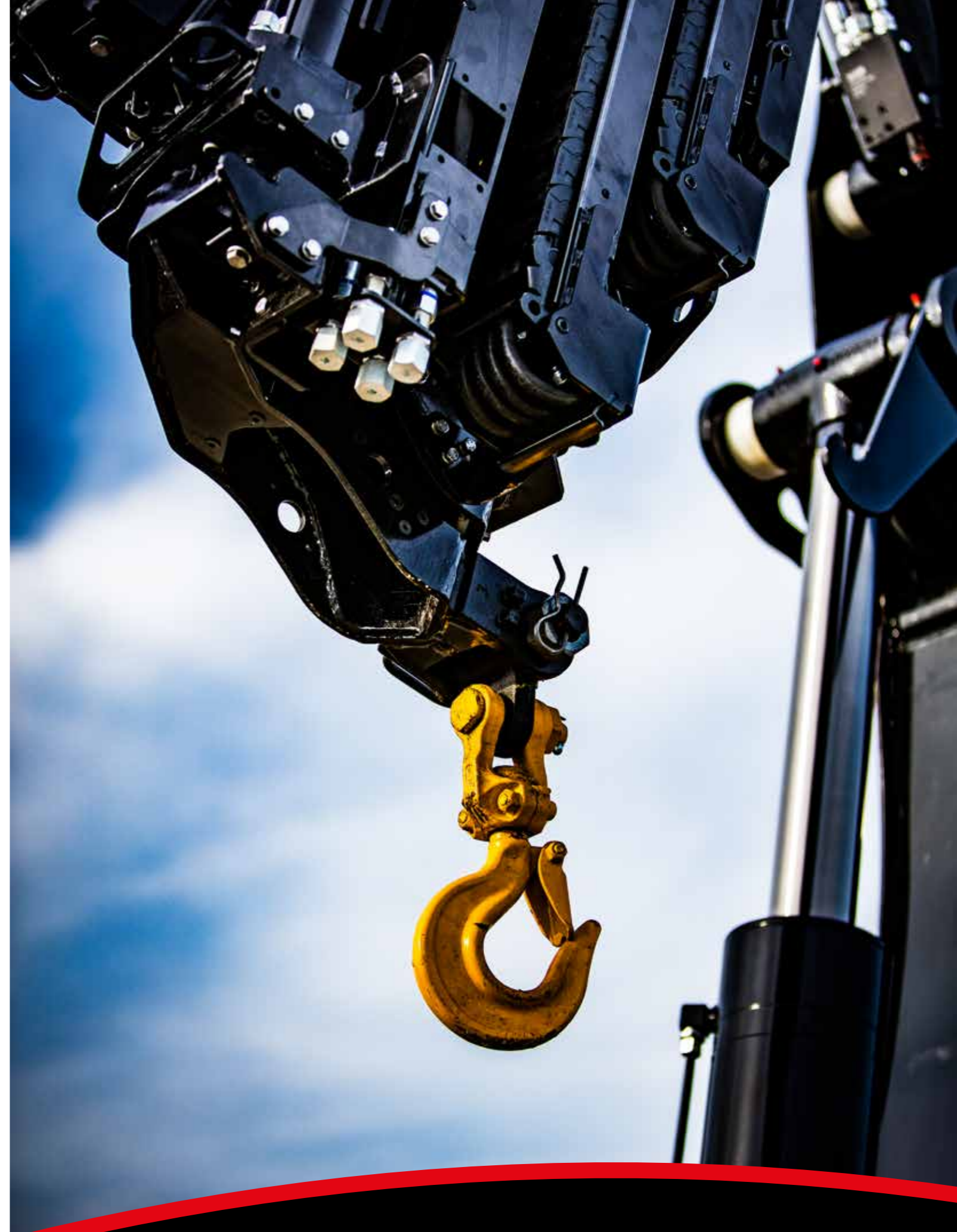
Our current equipment range is designed to deliver all the things that matter most. Safety, for operators and the work environment in general. Efficiency, to minimize fuel costs and save time. Durability, to maximize the return on your investment. Reliability, to save on operating costs. And sustainability, to minimize impacts on the environment. But all this is just the beginning...

MODERNIZATION

We promote the modernization of the waste and recycling industry by designing application-specific products and applying new technologies to meet emerging industry needs. For example, our forward-looking fleet management technology, cranes designed for urban underground bin systems, truck-mounted forklifts for better mobility in confined spaces, and quiet, zero-emissions battery-powered equipment, which can easily be used at night.

DIGITALIZATION

Looking ahead, our society is on the cusp of an important shift, driven by digitalization. This will affect waste and recycling just as much as other segments, and we are already developing a range of solutions in preparation for the changes ahead. One interesting example of what this might mean in that future is that connected garbage trucks will be able to detect when bins need emptying and plan their collection routes accordingly. A great way to save energy, effort and fuel.



In a world of resource depletion and rising consumption, waste and recycling companies have an increasingly crucial role to play. Our future depends on everyone working together to increase circularity in the global economy. We need to close the loop by keeping scarce materials in circulation, away from landfill. We need to recycle more, and more efficiently.



Hiab plays a part in this movement. Through our membership of industry bodies around Europe we keep on top of current needs and future requirements and do our bit to help shape the industry. Join us in helping to disseminate best practice, to improve infrastructure and create a better future for our business... and our world.

**HIAB IS A MEMBER
OF THE FOLLOWING
ORGANIZATIONS**

- Avfall Sverige
- BDE
- Chem
- Rai

BUILT TO PERFORM

Hiab is the world's leading provider of on-road load-handling equipment, intelligent services, and digitally connected solutions. Hiab's offering encompasses class-leading load-handling equipment including HIAB loader cranes, LOGLIFT and JONSERED forestry and recycling cranes, MOFFETT truck mounted forklifts, MULTILIFT demountables, and tail lifts under the ZEPRO, DEL, and WALTCO brands. As the industry pioneer, our commitment is to increase efficiency in our customers' businesses and to shape the future of intelligent load handling.

hiab.com

Hiab is part of Cargotec Corporation.

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