



JONSERED

PRODUCT RANGE

RECYCLING CRANES





**TURNING WASTE
INTO VALUE**



Waste material is an increasingly valuable resource, helping build circularity in our economy. JONSERED has a range of crane solutions that helps recyclers handle waste sustainably, safely and efficiently and give it new value.

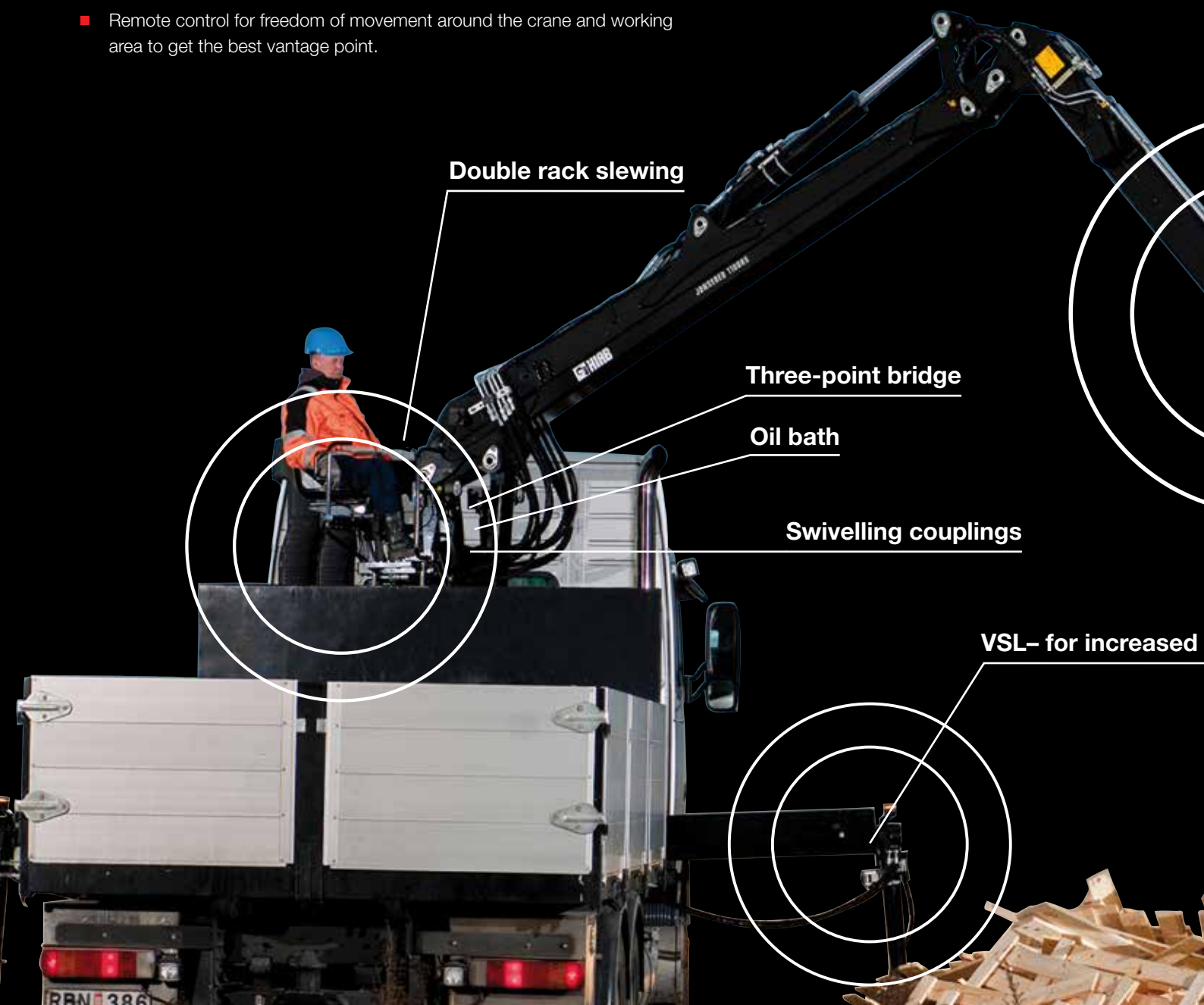
EFFICIENT, TOUGH AND SUSTAINABLE

Working with recyclables is tough. Heavy, intense load cycles, long working hours and continuous operation all demand high performing, speedy and durable cranes. The JONSERED recycling range has been specially developed to support you in your operations day in and day out. Check out the features here.

OPTIONAL CONTROL STATIONS

JONSERED recycling cranes have a number of user interfaces to give you good unobstructed view over the working area. They're designed to help you get the job done efficiently and safely.

- Single or dual stand-up platforms for convenience and better visibility
- High seat, centered or side mounted for an elevated view.
- Remote control for freedom of movement around the crane and working area to get the best vantage point.



DURABILITY WHEN YOU NEED IT



Oil bath

The slewing mechanism is immersed in an oil bath, which reduces friction and cools the oil. This results in less downtime and reduces costs since it increases the service life of the rack, pinion and slew bushing.



Double-rack slewing

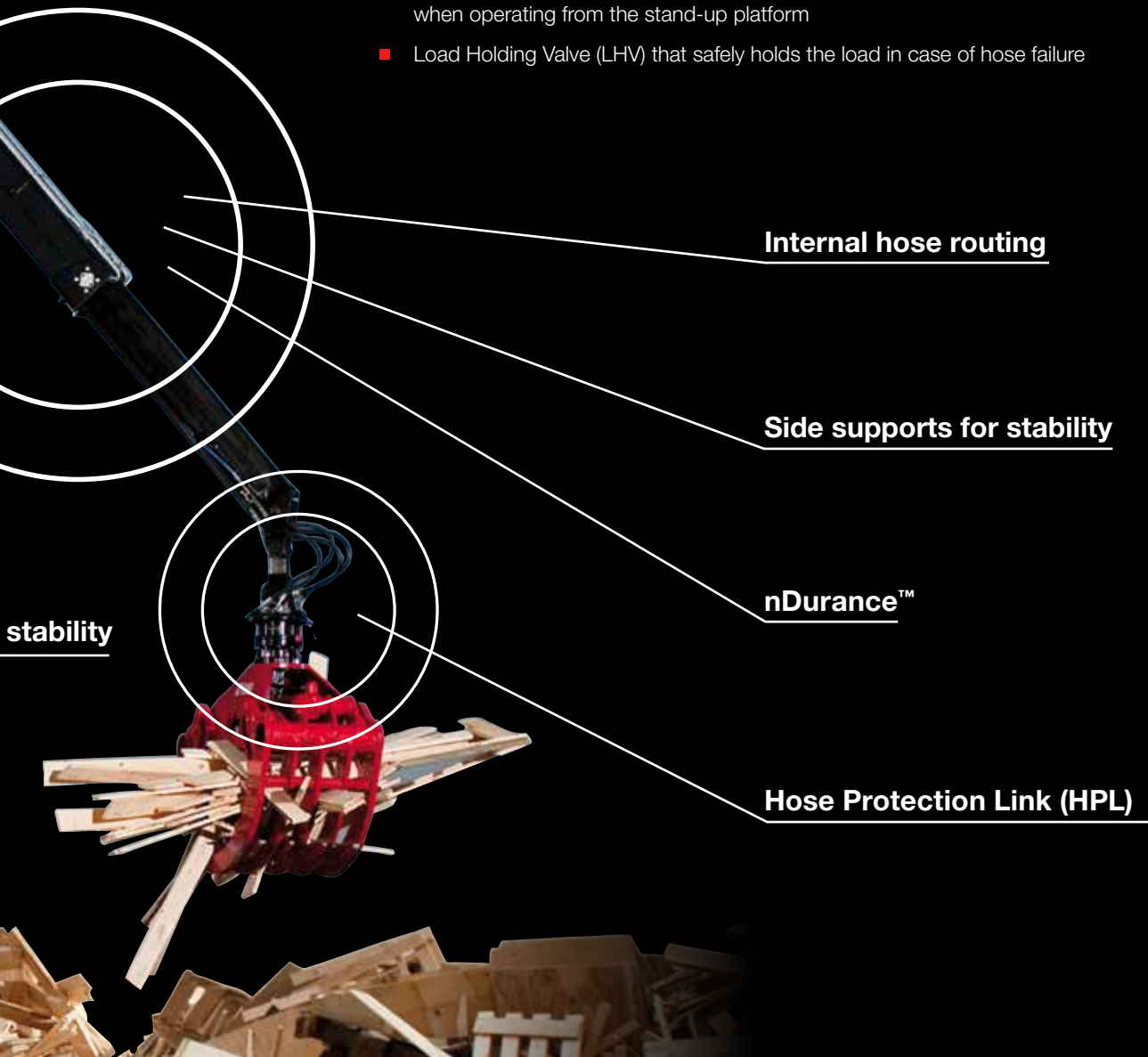
Double-rack slewing enables a smooth start to the slewing motion and is especially suitable for heavy-duty applications. The end cushion effectively dampens slewing when it's approaching the limit. This double-rack design gives high torque and ensures reliable operation even on inclines or slopes. So your maintenance costs go down while your productivity goes up.

SAFETY+RS SYSTEM FOR RECYCLING



The JONSERED recycling range includes the Safety+RS system, which has all the features required to get the job done efficiently and safely. It meets all the regulations and requirements for operators and anyone in the vicinity of the crane.

- VSL increases stability without compromising efficiency
- Over Load Protection (OLP)
- Operators Protection System (OPS), a virtual drivers safety cage when operating from the stand-up platform
- Load Holding Valve (LHV) that safely holds the load in case of hose failure



SUSTAINABLE BUSINESS NEED SUSTAINABLE SOLUTIONS

Working in the waste and recycling industry means taking on a lot of responsibilities. As a sustainable operation, you come under scrutiny and customer expectations are high. That's why you can only afford to choose the best equipment and work with people who really understand your business. This is where the experience and global resources of JONSERED become so valuable.

HIAB PUTS SUSTAINABILITY IN FOCUS

As part of Cargotec, sustainability is central to Hiab's long-term business strategy. With global cargo volumes increasing and the demand for efficient lifetime solutions growing, sustainable solutions are essential to the future of our business.

FOR ECO-EFFICIENCY

To help you reduce your global CO² footprint, Hiab has developed ECO-efficient solutions for its machines. All ECO-efficient products are branded with ProFuture. We have also developed ECO-friendly features and made them available on the majority of our products – so all our customers can reduce their CO² footprint and save money at the same time.

ENVIRONMENTALLY FRIENDLY HYDRAULIC OILS

All Hiab products can be used with biodegradable hydraulic oils instead of mineral-based ones. We recommend the biodegradable option wherever there is a risk of environmental damage if the hydraulics fail. For instance, in forestry and marine applications. Biodegradable oils are also a sensible option for mining, construction and for municipalities using road maintenance vehicles and waste management trucks.

CYCLONE TANKS FOR BETTER FUEL ECONOMY

Every centimeter is scarce, every kilo counts and a penny saved is a penny earned. We understand this and therefore we are looking for solutions that can help you save space on your truck and at the same time reduce fuel and hydraulic oil consumption. Cyclone oil tanks are smaller and consume less space and weigh less than conventional oil tanks which translates into more payload.

Benefits:

- Reduced fuel consumption
- Reduced oil consumption
- Reduction in weight
- Reduction in water condensation
- Positive over pressure in suction line





MADE TO REDUCE CO² EMISSIONS

The robustness and reliability of our products mean you get a lot out of your investment over time. Ultimately, you reduce CO² footprint as the energy consumed in making your equipment is distributed over a longer life-span. We also use certified steel in our products and they are 95% recyclable. Recycling steel reduces CO² emissions by 70% compared with using virgin materials.

VARIABLE PUMP SAVES FUEL AND PROLONGS OIL LIFE

A variable pump is environment-friendly, cost-efficient and helps improve working conditions. It saves fuel, reduces emissions and prolongs the lifetime of oil and the components in the hydraulic system, as well as the truck engine.

- Return on investment within a year
- Fuel savings up to 20%*
- Extended hydraulic oil lifetime due to lower oil temperatures

** Depending on application*

ALL-WEATHER PROTECTION WITH NDURANCE NANO-TECHNOLOGY PAINT PROCESS

Rain, dust, sand and sunlight all cause wear on the crane. To combat their relentless effect, we have created nDurance to provide all-weather protection. This technologically advanced and environmentally sound pre-treatment and paint process is based on nano-technology and combined with state-of-the-art e-coating and powder painting techniques.

- Nano-technology covers every square millimetre
- Three different protective layers for highest corrosion resistance
- 100% phosphate free
- No heavy metals and virtually zero waste

nDurance™

EFFICIENT RECYCLING?

CHOOSE THE RIGHT CRANE

The importance of handling waste in a responsible and sustainable way has 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.

S-Boom systems

Fast load cycles are critical in recycling applications. So you need a boom system that will withstand the strain of repetitive load cycles day in, day out. The S-boom system can be customized for different outreaches. An S-boom crane can either be parked stretched out over the load or platform, or over the truck cab.



BASIC DATA	JONSERED 1100RS	JONSERED 1200RS	JONSERED 1300RS
Max. lifting capacity (kNm)	102 – 111	111	119 – 127
Hydraulic outreach (m)	7.11 – 10.16	7.11 – 8.85	7.15 – 9.62
Weight – High seat crane with standard stabilizer (kg)*	2005 – 2245	1980 – 2170	2170 – 2360
High seat	Yes	No	Yes
High seat side mounted	Yes	No	Yes
Stand up platform	Yes	No	Yes
Stand up platform double	No	Yes	No
Radio remote control	Yes	No	Yes
VSL	Yes	Yes	Yes
Slewing system	Single	Single	Double
Safety system	Safety+RS	Safety+RS	Safety+RS

**Weight with fixed pump system, oil weight included*



WHAT GOES AROUND COMES AROUND

Waste management differs from country to country, city to city and company to company. However, one thing all operations have in common is the need get the job done efficiently and safely. And that means investing in the right equipment. Whether you're handling glass, metal, cars, rubber, wood or all these materials, JONSERED has the right crane for the job.

Z-Boom systems

The Z-boom system has excellent loading capacity and durability. Its robust design makes it well suited to high intensity work. It folds up neatly and is parked behind the truck cabin. The lifting geometry is optimized by power link or push-up cylinder, depending on the crane size.



BASIC DATA	JONSERED 1250RZ	JONSERED 1500RZ	JONSERED 1620RZ
Max. lifting capacity (kNm)	103 – 110	129 – 139	152 – 165
Hydraulic outreach (m)	7.9 – 9.3	8.2 – 9.5	8.0 – 9.3
Hydraulic boom extension (m)	1.67 – 2.8	2.5 – 2.9	1.7 – 2.9
Weight – high seat crane with standard stabilizer (kg)*	2180 – 2320	2440 – 2450	2410 – 2645
High seat	Yes	Yes	Yes
High seat side mounted	Yes	Yes	Yes
Stand up platform	No	No	No
Platform prepared	Yes	Yes	Yes
Remote control	Yes	Yes	Yes
VSL	Yes	Yes	Yes
Slewing system	Double	Double	Double
Safety system	Safety+RS	Safety+RS	Safety+RS

*Weight with fixed pump system, oil weight included



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

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.



HIAB AND THE ECOSYSTEM

FROM DOT TO DOT

Specially designed for lifting, loading and unloading of waste materials, our cranes have a vital role to play as we work together towards greater circularity in the economy. They help you to join the dots in the recycling chain safely and seamlessly, as you move waste materials between collection points, transfer stations, processing centers for recycling or responsible disposal.

We offer a comprehensive range of products and services that will help bring efficiency and safety to your waste management and recycling operations.



TAIL LIFTS

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



TRUCK-MOUNTED FORKLIFTS

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





LOADER CRANES

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



HOOKLIFTS & SKIPLOADERS

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



RECYCLING CRANES

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



Membership of and affiliation to various industry bodies in Europe helps us keep abreast of current legislation and future needs and to take actions that shape the waste and recycling industry.

HIAB IS A MEMBER OF THE FOLLOWING ORGANIZATIONS

- Avfall Sverige
- BDE
- Chem
- Rai





PL-JONSERED Recycling Cranes-EN-WW_181107

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 WALCO brands. As the industry pioneer, our commitment is to increase efficiency in our customers' businesses and to shape the future of intelligent, sustainable load handling.

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Hiab is part of Cargotec.

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SAFETY FIRST

YOUR SAFETY IS OUR COMMITMENT



When it comes to keeping you and your surroundings safe at work there can be no compromises. This is one of the most important principles in Hiab.

For JONSERED recycling cranes we have developed two different safety systems adapted to your operational needs to make your work as safe and efficient as possible and at the same time pay only for what you need. You continue to work efficiently while we take care of your safety.

Benefits

- Stay safe with a safety system tailor made for your operational needs
- Very reliable safety systems based on Hiab quality and long experience
- A high quality safety system gives your crane a longer life
- Low risk of system damage and failure



TWO OPTIONS

How you work with heavy recyclables can vary. This means there can be different demands on how the equipment is specified both in terms of crane configuration and what control system is needed. Regardless of how you work it is important to stay productive and at the same time maintain a safe operation.

Therefore we have made two different safety systems for recycling cranes, each having operation specific features to ensure you get exactly what you need to ensure you work efficiently whilst staying safe. And best of all doing so knowing that you have only paid for exactly what you need.

What is the right option for you?

Selection guide:	Recycle application	
Safety system (Machinery directive compliance EN12999)	Safety+R 	Safety+RS 
Controls	High seat manual control	High seat manual control High seat remote control Platform prepared remote control
Hydraulic system	Fixed	Load Sensing (LS) Fixed
SPACE X4	No	Yes
External display	Yes	Yes
Hour and cycle counter	Yes	Yes
Overload protection	Yes	Yes
Variable Stability Logic (VSL)	On/Off	Variable
High boom warning	Yes	Yes
Stabilizer extension warning	Yes	Yes
Stabilizer deployment monitoring	Yes	Yes
Rated capacity warning	Yes	Yes
Load Holding Valve (LHV)	Yes	Yes
Automatic dumping of oil (ADO)	No	Yes
Automatic Power Off (APO)	No	Yes
Pump Flow Distribution (PFD)	No	Yes
Automatic Speed Control (ASC)	No	Yes
Operator Protection System (OPS)	No	Yes
Available on crane models	JONSERED 1250RZ JONSERED 1500RZ	All recycling crane models including top seat configuration

Disclaimer.

We reserve the rights for modifications. Illustrations do not always show an equipment in standard version.