



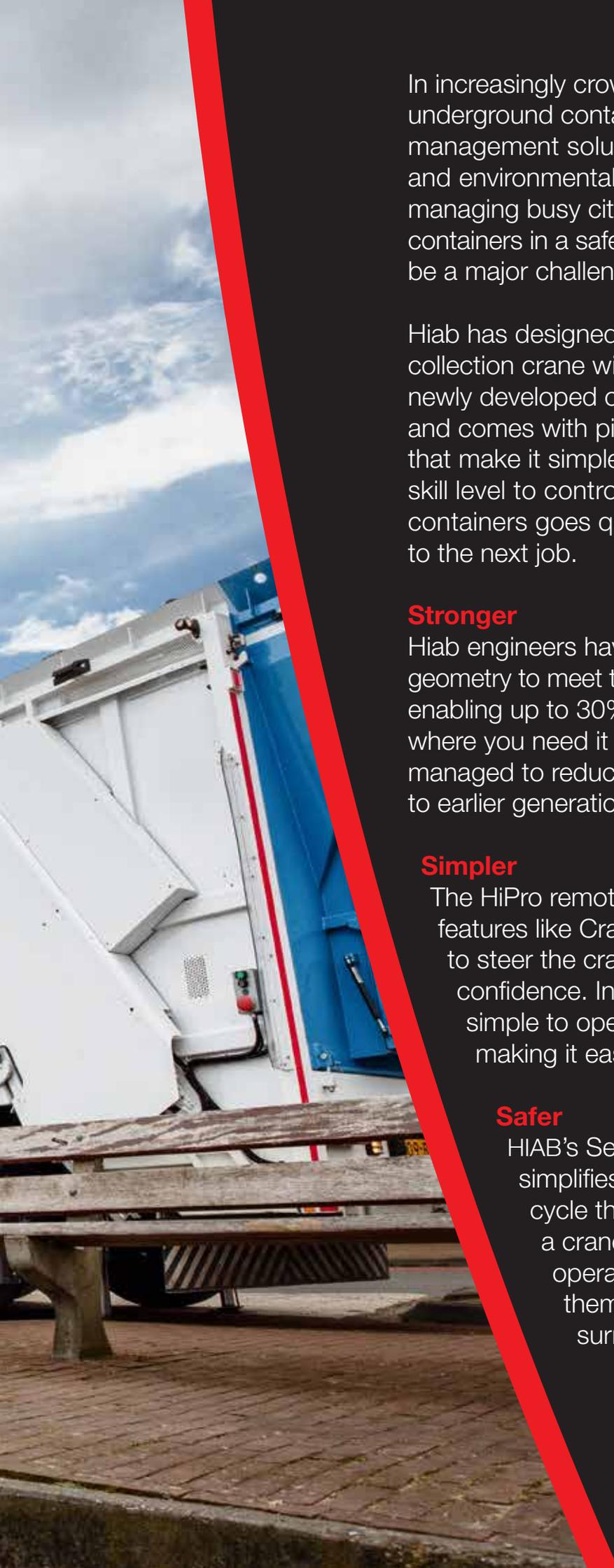
KEEP MOVING

HIAB WASTE COLLECTION SOLUTIONS



A STRONGER, SIMPLER, SAFER TOOL FOR **UNDERGROUND** **REFUSE CONTAINERS**





In increasingly crowded cities around the world, underground containers have become a popular waste management solution, contributing to more pleasant and environmentally friendly urban spaces. For drivers managing busy city streets, however, emptying these containers in a safe, efficient and practical way can often be a major challenge.

Hiab has designed the HIAB S-HiPro 230W waste collection crane with exactly these needs in mind. The newly developed crane offers enhanced lifting capacity and comes with pioneering load-handling innovations that make it simple – and safe – for operators of any skill level to control the crane. Emptying underground containers goes quickly and easily, keeping you moving to the next job.

Stronger

Hiab engineers have tailored the HIAB S-HiPro 230W geometry to meet the demands of urban waste collection, enabling up to 30% more lifting capacity in the positions where you need it the most. At the same time, we have managed to reduce dead weight by 150 kg compared to earlier generations.

Simpler

The HiPro remote control system with groundbreaking features like Crane Tip Control (CTC) makes it a snap to steer the crane with maximum precision and total confidence. In fact, HIAB S-HiPro 230W is so simple to operate that very little training is needed, making it easier to onboard new operators.

Safer

HIAB's Semi-Automatic Motion (SAM) further simplifies control with an automated load cycle that reduces the risk of accidents. With a crane that practically controls itself, your operators can focus on keeping themselves, the equipment and the surrounding areas safe and protected.

BUILT TO PERFORM

HIAB HiPro control system

HIAB HiPro is the most advanced remote-control system in the industry. With a high flow of oil that allows many simultaneous movements, it ensures the highest speed and precision – for the greatest productivity.



Crane Tip Control (CTC)

CTC is a software feature in HIAB's HiPro control system that simplifies loader crane operation. Motions that used to require the simultaneous control of up to three crane operations can now be performed using one lever, enabling drivers of all skill levels to move the crane with total precision.



Flexible geometry

Regardless of whether your compactor is installed in the rear or in the front of the truck bed, the optimized geometry of the HIAB S-HiPro 230W, together with the outstanding precision of the HiPro control system, makes it safe and easy to efficiently empty the bin.

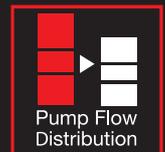


Variable oil pump

V200 valve

Pump Flow Distribution (PFD)

PFD distributes oil in perfect proportion to control system lever movements, ensuring seamless operation. Combined with optimised hydraulics and high-quality valves, this minimises energy needs and fuel consumption.

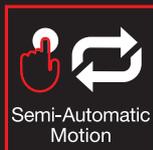


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Semi-Automatic Motion (SAM)

Semi-Automatic Motion increases productivity and reduces the risk of costly damage by making it fast and easy for any driver to operate the crane in a safe and controlled way. A single control lever performs autonomous movements, rather than the operator needing to individually steer swing, tilt, lift and extension movements.



Connectivity

Our equipment comes connectivity enabled. Connectivity, in combination with our connected services, allows you to be in constant contact with equipment, assets and people to enhance the productivity, efficiency and safety of your business.



CONTROL TO KEEP YOU MOVING

When busy and congested urban streets are your working environment, there's a lot of pressure to get the job done quickly. Fortunately with HIAB S-HiPro 230W, you can be confident that your operators can work easily and efficiently thanks to the market's most advanced load-handling control system.

HIAB HiPro is simply the best of the best, offering top versatility and precision for the very highest productivity. Its high flow of oil creates ultra-quick and ultra-smooth response, with support for a large number of simultaneous movements. You get assurance of rapid load cycles, total safety and the lowest lifetime cost.



Technical data HIAB S-HiPro 230W	
Lifting capacity (kNm)	208
Lifting capacity (tm)	21,1
Outreach, hydraulic extensions (m)	10,8
Height of crane with horizontal boom (mm)	2468
Free space under boom system (mm)	1911
Boom retracted length (mm)	3520
Weight in standard version, without stabilisers (kg)	2140
Weight, stabiliser equipment (kg)	334 - 414
Recomended oil flow (l/m)	90 - 120
Features	
Base mounted oil tank	Option
Optimized power geometry for bins	Standard
XSDrive remote control	Standard
XSDrive remote control Joystick	Option
CombiDrive remote control with display	Option
Automatic Damping of Oil (ADO)	Standard
Automatic Duty Control (ADC)	Standard
Automatic Speed Control (ASC)	Standard
Pump Flow Distrobution (PFD)	Standard
Load Stability System Vertical (LSS-V)	Option
Load Stability System Horizontal (LSS-H)	Option
Crane Tip Contol (CTC)	Option
External Display	Option
Semi Automatic Motion (SAM)	Option
Ultrasonic detection of bin	Option



DELIVER AS PROMISED WITH HIAB SERVICES



When you invest in Hiab equipment, you invest in quality performance to safely and efficiently fulfil your commitments to your customers – every single day.

With Hiab Services, we are here for you throughout your equipment lifecycle, giving the uptime and reliability you need to deliver as promised. With the latest tools, connectivity and a wide network of experts, we support

you whenever and wherever you need us. So you can sleep well at night – every single night.

- **Lifecycle Services**
- **Original Parts**
- **Connected Services**
- **Financial Services**



HICONNECT™



Empower your fleet with HiConnect™

Like all HIAB cranes, the HIAB S-HiPro 230W arrives with connectivity, giving you access to connected services like Hiab HiConnect™. HiConnect lets you get the most out of your fleet with real-time data about equipment operation and condition.

Easy access to equipment information through HiConnect's intuitive web-based dashboards allows you to improve both performance and safety. You can also use that operational data to maximize your uptime and plan maintenance while converting today's idle time into more profitable hours. In combination with our extensive expertise, HiConnect further lets us at Hiab provide you with the best possible service and support.

Hiab ProCare™ – Service agreements

Hiab ProCare™ is a flexible service contract designed to secure the uptime of all Hiab equipment. Scheduled and preventive maintenance helps your equipment retain the same high quality you invested in. Using original spare parts and the highest standards, our global service network takes professional care of every piece of your equipment reducing the risk of costly breakdowns and unexpected downtime. Let us take care of all scheduling, maintenance and inspections. By reducing total cost of ownership and increasing the re-sell value of your machine, ProCare brings you total peace of mind. Keep moving to produce as planned and boost your profit.

BUILT TO PERFORM

Hiab is the world's leading provider of on-road load handling equipment, intelligent services, smart and connected solutions. Hiab's class-leading load handling equipment includes HIAB, EFFER and ARGOS loader cranes, LOGLIFT and JONSERED forestry and recycling cranes, MOFFETT and PRINCETON truck mounted forklifts, MULTILIFT skiploaders and hooklifts, and tail lifts under the ZEPRO, DEL, and WALTCO brands. As the industry pioneer and with a proud 75 year history, Hiab is committed to be the preferred partner and solution provider to its customers and shape the future of intelligent load handling.

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Hiab is part of Cargotec Corporation.

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