CONSTRUCTION EQUIPMENT

SUNWARD
INNOVATION LEADS TO VALUE

ARTICULATED COMPACT WHEEL LOADER

SL 12W

Engine Power: **18.5 kW** / Rated Load Capacity: **800 kg** / Bucket Capacity: **0.38 m³**



GLOBAL EXPERTISE EUROPEAN SOLUTIONS

As an international success story, Sunward takes a fresh approach to the design and manufacture of construction machinery. Our global expertise, facilitated through our state-of-the-art European distribution hub, combines innovative technological solutions and pioneering engineering capabilities. The result is intelligent solutions to challenges most manufacturers choose to ignore and a desire for continual refinement and improvement.

One of the many ways to do this is by tackling value head-on. Few industries are as competitive as yours. Fluctuating economies, fuel prices, inflation, and pressures on the ground all impact your business. We design and manufacture machinery that puts value and excellence first, minimising the cost of ownership while maximising operator experience – for excellent results and productivity on-site and on your bottom line.

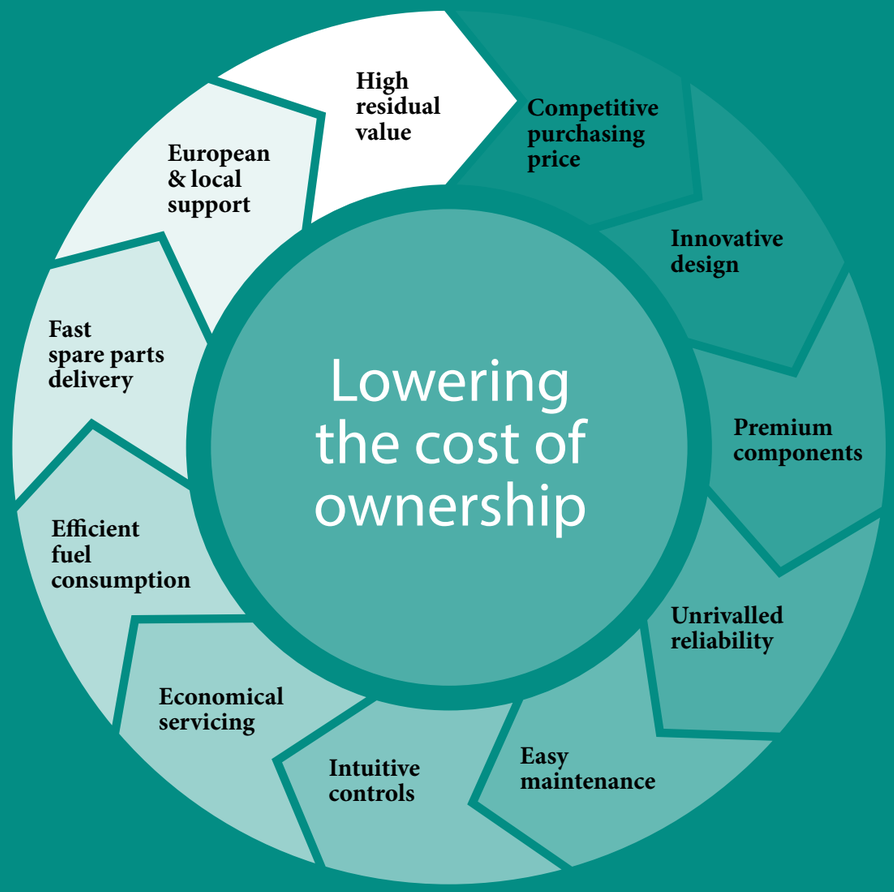
> *All in all, it is the excellent value for money that motivated our decision. Sunward represents a very good investment. The machines are reliable and efficient, for a very reasonable price.*
>
> **Antun | Director | Croatia**

SUNWARD MACHINES - THE SMART CHOICE

SIMPLICITY LEADS TO BETTER VALUE

Sunward machines are designed for the job you need to do – no more, no less. We take an innovation-led approach to everything we do, simplifying the machines and parts through our patents, R&D and production to deliver the perfect combination of durability, user satisfaction and value.

We're driven by cost of ownership. Our experts put every aspect of owning a Sunward vehicle under the microscope. From purchase to day-to-day productivity – including maintenance, parts, servicing, repairs and fuel consumption, and the residual value – we ensure our machines have value built in as standard at every stage.



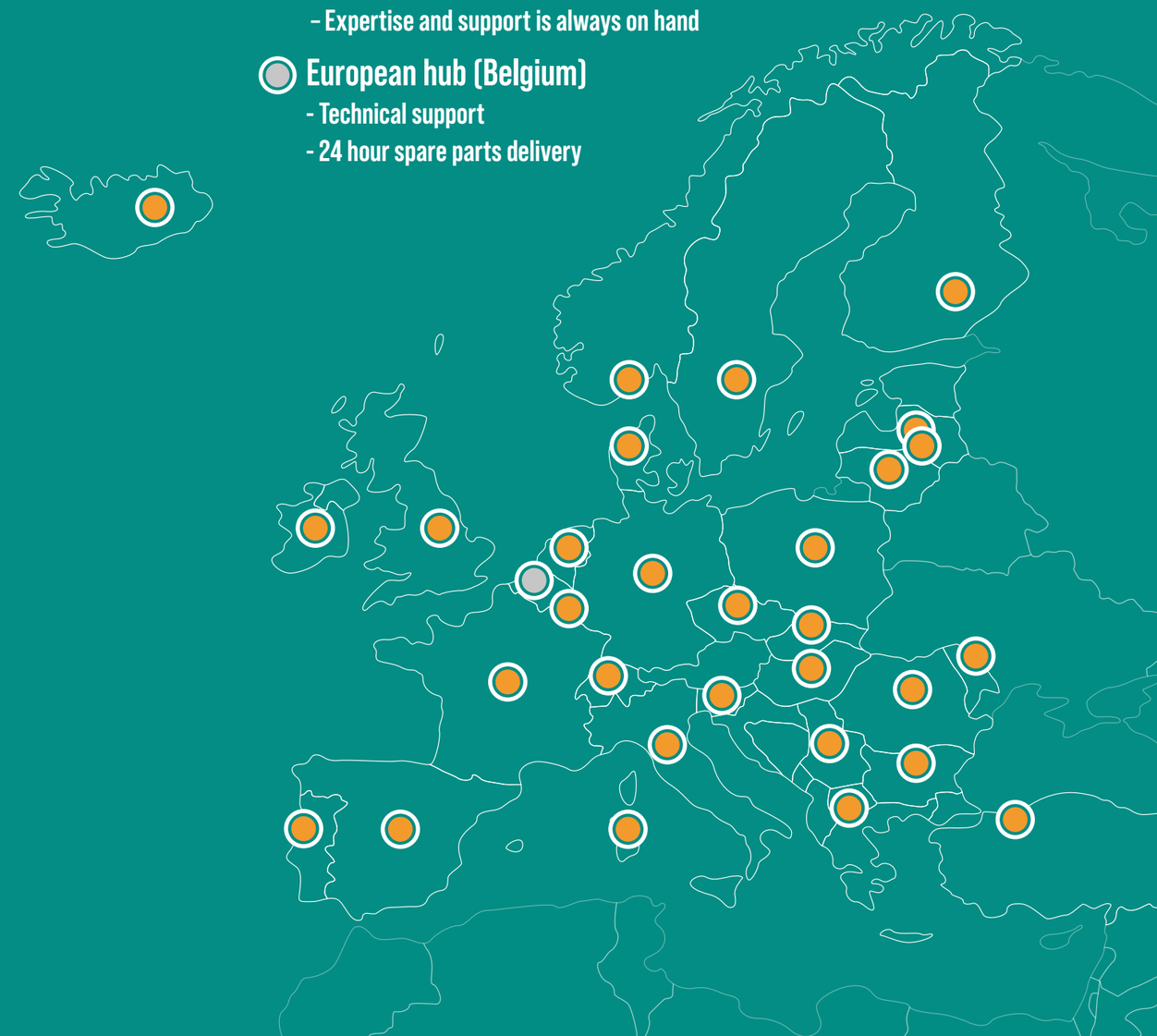
EXTENSIVE EUROPEAN SUPPORT

Sunward is respected internationally. Our Belgium hub is the epicentre of our European activity. It's where each machine is modified to your exact needs and requirements before being subjected to a rigorous pre-delivery inspection. What's more, all critical parts are held in Belgium to ensure delivery to you within 24 hours.

Throughout Europe, Sunward has built a reliable distributor network. Our dealers are at the heart of our passion for excellence and continuous improvement and because they serve your local needs, their knowledge and feedback have a major influence on our engineering and design innovations.

150+ European dealers
- Expertise and support is always on hand

European hub (Belgium)
- Technical support
- 24 hour spare parts delivery



INTRODUCING THE SL 12W COMPACT ARTICULATED WHEEL LOADER

We proudly present the Sunward SL 12W, a compact yet powerful articulated wheel loader designed for maximum versatility and performance. Weighing 2.5 tonnes and equipped with an 18.5 kW KUBOTA engine, it excels in demanding environments, from construction to agriculture.

With a reinforced structure, advanced articulated steering, and a hydraulic quick-change system, the SL 12W ensures exceptional manoeuvrability and durability. Its ROPS/FOPS-certified cabin, with a maintenance port for easy upkeep, offers safety and comfort, making it the smart choice for any operation, backed by easy maintenance and up to a 2-year warranty.



DURABILITY AND RELIABILITY DESIGNED TO LAST, BUILT FOR TOUGH CONDITIONS

STRENGTH THAT ENDURES

The SL 12W's powder-coated exterior provides a protective barrier against harsh environments and constant wear. This high-quality finish significantly extends the machine's lifespan by preventing corrosion and other forms of damage.

Additionally, P-kinematics improve stability and durability, ensuring that the SL 12W endures long-term use in the toughest conditions.

This durability means less frequent maintenance, allowing you to focus on the task at hand without worrying about premature wear.

BUILT TO WITHSTAND THE HARSHEST CONDITIONS

With a reinforced structure, the SL 12W is built to endure the rigors of demanding job sites. Its robust structural integrity ensures that the machine can withstand impacts, heavy lifting, and extreme conditions without compromising performance. Whether working in construction, agriculture, or any tough environment, the SL 12W minimises the risk of breakdowns. Its durability ensures reliable performance over time, allowing operators to work with confidence knowing that the machine can handle whatever the job throws at it.

PERFORMANCE & PRODUCTIVITY: POWERING YOUR PROJECT'S SUCCESS

POWER THAT DRIVES PRODUCTIVITY

With a robust 18.5 kW KUBOTA V1505 Stage V engine paired with a powerful planetary axle, the SL 12W delivers exceptional torque and consistent power. This setup allows the machine to handle even the most demanding tasks with ease. Whether you're lifting heavy loads or navigating rugged terrain, the SL 12W ensures smooth operation. This combination of power and efficiency not only speeds up your workflow but also enhances overall job site performance, allowing you to accomplish more in less time.



With a robust 18.5 kW KUBOTA V1505 Stage V engine paired with a powerful planetary axle, the SL 12W delivers exceptional torque and consistent power, allowing it to handle even the most demanding tasks with ease.



The auxiliary oil flow of 33 L/min and 18 Mpa work pressure ensures smooth and efficient operation, boosting overall productivity.

The triple mechanical operation (lifting, tilting, and manoeuvring) allows operators to handle a wide range of tasks, from scooping and transporting to positioning, further demonstrating the SL 12W's resilience and versatility. Whether you're lifting heavy loads or navigating rugged terrain, the SL 12W's combination of power and efficiency ensures smooth workflow, allowing you to accomplish more in less time.

QUICK SWITCH, MAXIMUM EFFICIENCY

The SL 12W is designed for versatility, featuring a hydraulic quick-change system that enables rapid switching between attachments such as forks, buckets, and grapples. This feature allows operators to transition seamlessly from one task to another without the hassle of time-consuming manual changes. By reducing the downtime associated with tool swapping, the SL 12W maximises productivity, ensuring that no moment is wasted during critical operations, making it a true multi-tasker on any job site.



HEAVY LIFTING, MADE EASY

The SL 12W boasts high lifting capacities and breakout forces, allowing it to handle larger loads and more challenging materials.

The float function adds to its precision, allowing the loader arms to adjust naturally to ground contours, increasing efficiency and reducing operator fatigue during repetitive ground-level tasks. Whether lifting construction debris or moving dense agricultural goods, the SL 12W ensures efficient performance, enhancing operational efficiency and allowing for faster, more precise work.

This ability to handle heavy-duty tasks with ease enhances operational efficiency, as fewer passes are needed to complete lifting tasks, allowing you to get the job done faster and with greater precision.



OPERATOR COMFORT & SAFETY

CONFIDENCE & COMFORT IN EVERY MOVE

PRECISION MEETS COMFORT

Operator comfort is at the heart of the SL 12W's design. The adjustable steering column and ergonomic joystick allow operators to customise their controls, reducing fatigue during long shifts. This precise control system, supported by P-Z kinematics and electronic work control (EWC), provides smooth, responsive handling, making the machine easy to maneuver even in challenging conditions. Electronic drive shift control further enhances smooth operation, resulting in a comfortable and productive workday where operators can focus on their tasks without strain.

NAVIGATE ANY SPACE WITH EASE

With its articulated steering, the SL 12W offers exceptional manoeuvrability, especially in tight or confined spaces. This feature is particularly beneficial for urban construction projects or job sites with limited space to operate. The SL 12W's ability to navigate tight corners and narrow areas without sacrificing performance ensures that operators can work efficiently in environments where other machines might struggle.

This increased manoeuvrability boosts overall job site efficiency, allowing for smoother workflows and fewer disruptions.

SAFETY FIRST. ALWAYS

The SL 12W prioritizes operator safety with a ROPS/FOPS-certified cabin that provides full protection in the event of rollovers or falling objects.

The maintenance port ensures convenient access to essential systems, minimising downtime during service while maintaining safety.

Combined with an ergonomic design for improved visibility and control, these features enable operators to stay fully aware of their surroundings, reducing the risk of accidents and ensuring they can work confidently, even in hazardous job conditions.



SERVICEABILITY & WARRANTY

READY FOR ACTION, EVERY TIME

The Sunward SL 12W is available in two configurations to suit operator preferences and job requirements. The standard model comes with an open canopy, providing excellent visibility and easy access. A cabin version is offered as an optional upgrade. The enclosed cabin includes additional comfort and safety features, making it ideal for operators working in challenging weather conditions or requiring extra protection on demanding job sites.





SERVICE MADE SIMPLE

Maintenance is a breeze with the SL 12W's accessible maintenance points, easy access hydraulic system test points, and split hydraulic hoses. These features allow for quicker and easier repairs, reducing the amount of time the machine is out of service.

The maintenance port adds further convenience by providing direct access to essential systems without dismantling major components. By simplifying the maintenance process, the SL 12W helps operators maximise uptime and minimise repair costs, ensuring efficient and uninterrupted operations.

Whether it's routine checks or more complex repairs, this machine is designed to get back to work quickly, ensuring that your operations remain efficient and uninterrupted.

UP TO 2 YEARS OF WARRANTY

STANDARD FOR ALL SUNWARD PRODUCTS

To underscore our commitment to reliability, Sunward offers up to two years of warranty, giving you peace of mind and confidence in your investment.

PEACE OF MIND, GUARANTEED

The SL 12W is backed by an up to 2-year warranty, providing operators and business owners with the assurance that their investment is protected. This extended coverage means that unexpected repairs won't lead to major financial setbacks, allowing you to focus on productivity rather than worrying about potential breakdowns. With this peace of mind, the SL 12W becomes not only a reliable piece of equipment but also a smart long-term investment for any operation.

THE ‘AS STANDARD’ THAT’S FAR FROM STANDARD

The Sunward SL 12W offers the perfect combination of power, durability, and operator-focused design. Built to handle the toughest environments while providing superior comfort and safety, this machine is ready to take on your most demanding projects. Whether you’re navigating tight urban spaces or lifting heavy materials on a construction site, the SL 12W delivers consistent performance, ensuring that you get the job done efficiently and safely.

- **Electronic Work Control**
- **Floating Function**
- **Quick Hitch**
- **Triple Mechanical Operation**
- **4 hydraulic system test points**
- **Two-year warranty as standard (extended options available)**











2 YEARS

Two year warranty as standard

OPTIONAL EXTRAS

- **Boom and tilt cylinder safety valves**
- **Pallet fork support with fork set**
- **4 in 1 bucket with hydraulic hoses and oil quick- couplings**

EQUIPMENT

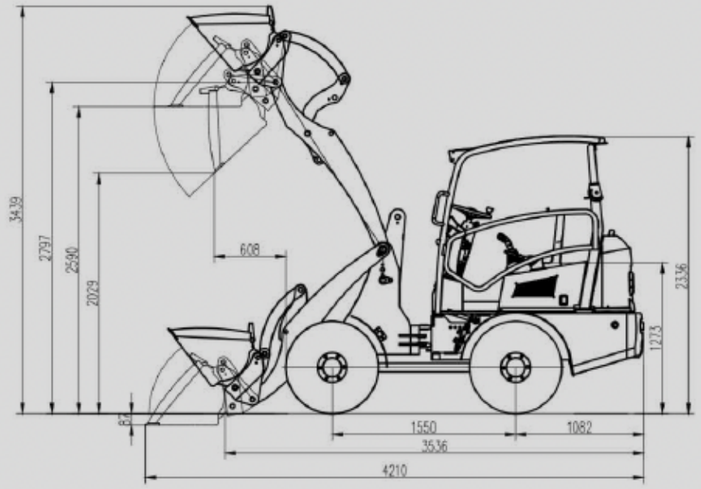
THE STANDARD AND OPTIONAL EQUIPMENT VARIES FROM COUNTRY TO COUNTRY. FOR MORE INFORMATION, PLEASE CONTACT US.

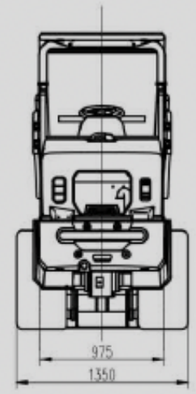
	STANDARD EQUIPMENT	OPTIONAL EQUIPMENT
Canopy	•	
Cabin		•
Electronic Work Control (EWC)	•	
Standard bucket with 0.38 m^3 detachable teeth	•	
Floating function	•	
Quick Hitch (Quick-tach-system)	•	
Hydraulic AUX lines with oil quick release couplings	•	
Triple mechanical operation	•	
4 hydraulic system test points	•	
ROPS & FOPS canopy/cabin with maintenance ports	•	
Hydrostatic brakes	•	
Hydrostatic transmission	•	
Tyres 31x15.5-15	•	
Cold start device	•	
Switchable Operator presence engine shutdown system	•	
Axles with differential lock	•	
Radio (cabin only)	•	
Four-in-one bucket		•
Pallet forks		•
Grab grass fork (EU style)		•
Grass gripper		•
Cooling AC (with cabin)		•
MP3 (cabin only)		•
Smart Fleet		•

TECHNICAL PARAMETERS: SL 12W

VEHICLE PARAMETERS	Overall length (bucket on ground)	4 210 mm
	Overall Width	1 350 mm
	Overall Height	2 336 mm
	Bucket capacity	0.38 m^3
	Rated load	800 kg
	Overall Weight	2 500 kg
	Max.Breakout Force	19.0 kN
	Max.Tractive Force	17.0 kN
	Max.Dumping height	2 029 mm
	Max.Dumping reach	608 mm
	Min.base to the ground	240 mm
	Wheelbase	1 550 mm
	WheelTread	975 mm
	Tyre	31x15.5-15
ENGINE	Manufacturer/model	KUBOTA V1505 (Euro5/EPA4)
	Rated Power	18.5 kW
	Rated Speed	2 200 r/min
TRANSMISSION SYSTEM	Type	Hydrostatic
	Shift gear control Type	Electric, Stepless
	Travel speed	7/18 km/h
BUCKET	Bucket width	1 500 mm
	Bucket type	Heavy-duty bolt on teeth
OPERATING SYSTEM	Steering system	Full Hydraulic
	Min.turning radius	3 336 mm
	Driving system	Hydrostatic drving, 4WD
BRAKE SYSTEM	Service Brake	Drum brake + hydrostatic
	Parking Brake	Drum brake
TIPPING LOAD	Tipping load - standard	1589 kg
	Tipping load - articulated	1355 kg

DIMENSIONS





SUNWARD

INNOVATION LEADS TO VALUE

SUNWARD EUROPE HEAVY INDUSTRY N.V

Havenlaan 1
B-3980 TESSENDERLO-HAM
Belgium

+32 (0) 11 43 46 66
info.eu@sunward.cc
www.sunward.eu

CE_EU_L3_SL12W-20260805_EN_EU

YOUR LOCAL DEALER

Specifications may change and this brochure may not reflect the latest specifications. Photographs in this brochure may not reflect market configuration. Please consult your dealer to confirm specifications and configurations.
All rights of this brochure are reserved to Sunward International Sales. Please consult the operator's manual before use of any Sunward equipment.