

staad.[®] 17W



Electric wheel excavator

Weight	17,4 ton
Bucket capacity	730 liters (SAE J742 1:2)
Nominal capacity	104 kW
Swappable battery capacity	300 kWh

groundbreaking
electric earth-moving
machines.

earth
moving.

earth
saving.

emission-free
long lasting performance
high-end

About Staad

Staad is a leading Dutch company that develops innovative earthmoving machines and mobile energy solutions, with a strong focus on sustainability.

With a rich history and a reputation for reliability and customer focus, Staad is further strengthening their position in Europe by launching a new generation of electric earthmoving machines and mobile battery solutions. We gladly share our vision for a zero-emission future, where we work with passion, pride, and dedication to create high-quality earthmoving machines and attachments.

Our goal? Machines that not only meet the highest standards and user demands, but also deliver optimal performance.



Top performance and capacity

Danfoss eDrive, the power to be extra productive

The STAAD 17W is powered by an advanced Danfoss electric motor with SRPM technology, which is exceptionally efficient and durable. The liquid cooling system ensures reliability and a long lifespan, even under heavy conditions. The compact design makes the motor lighter and more efficient than conventional motors, optimizing performance and energy savings. With 104 kW of power and a maximum torque of 600 Nm, the motor provides the necessary strength and precision for heavy tasks.

Danfoss has an excellent after-sales reputation in Europe, which increases the long-term value of the machine, even in the second-hand market.

ZF eTRAC drivetrain

Staad has collaborated with ZF for the integration of the eTRAC electric drive system, which features a 2-speed powershift transmission, liquid-cooled PSM electric motor with inverter, integrated parking brake, and robust ZF axles. The system delivers a maximum torque of 850 Nm and a continuous power of 80 kW. The standard hill hold system prevents rollback.

The eTRAC system has three driving modes: Low, medium, and high. In driving mode, the motor is powered by the Powerbox 300 battery, while in braking and deceleration mode, it functions as a generator, returning energy to the battery through regenerative energy recovery. This increases operational efficiency and sustainability.

By making driving independent of the hydraulic system, it is possible to drive and operate all hydraulic functions simultaneously without affecting each other, ensuring optimal efficiency and work satisfaction.



What makes the Staad 17W unique?

The STAAD 17W is not just any electric wheel excavator, but a groundbreaking, innovative and future-proof solution. This excavator is therefore the best choice for a wide range of tasks.

100% electric design

The STAAD 17W is not a converted machine, but fully designed and manufactured as a zero-emission solution.

Maximum operating time

De machine biedt 9 tot 11 uur continue werking, zonder tussentijds opladen of batterijwissel, bij een gemiddelde inzet (gemeten tijdens veldtesten).

24/7 operational capacity

Thanks to a unique patented battery swapping system, the STAAD 17W can operate continuously. Swapping the Powerbox 300 battery takes less than five minutes. By connecting a fixed DC power supply to the CSS type 2 connector in the undercarriage, work can even be done 24/7 with a cable.

Compact and manoeuvrable

The design of the machine is optimised for working in tight spaces, with a compact upper structure and innovative boom design. The total swing radius of the upper structure is reduced by 74 cm when compared to a similar standard 17-tons diesel excavator.

Strict standards

The machine meets strict safety standards, such as UN ECE R10, 2006/42/EC, UN ECE R100.03, and NEN ISO5006.

No other electric excavator offers the same level of safety and reliability as the STAAD 17W.

Work lights

Unmatched sight and visibility. High-quality integrated LED lighting enhances the appearance and provides extra safety in all working conditions.



Met de STAAD 17W kiest u voor efficiëntie, innovatie en maximale betrouwbaarheid.

STARD.
17W



Unmatched safety

The STAAD 17W is one of the safest electric excavators on the market, with advanced safety features and an innovative design.

Hose burst valves

Installed on all load-bearing hydraulic cylinders, including the bucket cylinder, to prevent accidents caused by hose bursts.

Large heated mirrors and 180° visibility

Thanks to the mirror heating, moisture buildup is a thing of the past.

Increased safety and efficiency

The AI-driven obstacle avoidance system and 360-degree camera system enhance safety and efficiency. Haptic feedback from the joysticks warns the operator of unsafe situations.

Keyless start-stop system

Only authorized operators can start the machine.

Perfect visibility

The operator has full 360-degree visibility from the cab thanks to the low-mounted, swappable Powerbox 300 battery, ensuring greater safety and maximum situational awareness.

Fit for purpose hydraulic system

Unlike traditional diesel-powered machines, the electric excavator requires a different hydraulic control system. The electric motor delivers direct torque, allowing the hydraulic pumps to operate more efficiently. To optimize this advantage, STAAD has integrated proprietary software and control systems that meet the highest safety standards. This ensures seamless communication between the electric motor and hydraulic components. This integration guarantees maximum efficiency, improves overall performance, reduces heat generation, and minimizes system wear over time.

Wheel steering, driving direction, and additional functions

The wheel steering, driving direction, and additional hydraulic functions can be operated simultaneously from the joysticks using six rollers and twelve switches, without needing to release your grip to switch controls.

The functionality of the rollers and switches can be customized per operator for optimal user comfort. For cold days, standard joystick heating is included.



The STAAD 17W is not only built to perform, but also to impress – a showcase of sustainability, innovation, and the future of excavation technology.

Cabin with exceptional comfort

Discover our high-end excavator cabin, designed with the European operator in mind. This cabin offers a perfect balance of advanced design, innovative technology, and exceptional comfort to meet the highest standards for optimal performance and operator satisfaction.

With a very spacious interior, superior ergonomics, and intuitive controls, the operator works efficiently and comfortably throughout the day. Top-quality materials and a thoughtful design create the ultimate working environment, where every detail contributes to an optimal experience and operator satisfaction.



High-end features

The cabin is designed to make work easier, with advanced features that save time and enhance comfort during operation. Just to name a few:

- Spacious cabin entry with ergonomic handrails on both the left and right sides for easy and safe access;
- Anti-slip threshold for added safety when entering and exiting;
- Flat cabin floor for a more comfortable and easy-to-clean workspace;
- Unobstructed, direct visibility to all sides of the machine, ensuring the operator is fully aware of their surroundings;
- 18% more glass surface compared to the current model in its class, offering a clearer, panoramic view and improved safety;
- Transparent roof window that can be opened for better ventilation and visibility;
- Tinted windows for increased comfort and reduced glare;
- Large parallel windshield wipers for better visibility in all weather conditions;
- Integrated interior lighting in the ceiling for a well-lit workspace;
- Ambient lighting in the control consoles on both the left and right sides, creating a modern and comfortable cabin atmosphere;
- LED bar with built-in orange LED flashing light at the front top of the cabin, featuring in a durable and streamlined protective spoiler;
- Two warning beacon lights and two work lights integrated into the back of the cabin, stylishly housed in a modern steel cabin spoiler.

Smart features

This excavator cabin is packed with intelligent and standard-included features and possibilities:

- Space for a large coolbox behind the seat for easy access to refreshments during long work hours;
- Storage compartment behind the seat to keep essentials organized and within reach;
- Three coat hooks in the cabin for added convenience;
- Sunglasses holder for safe and easy storage;
- Cup holder to keep drinks in reach, ensuring the operator stays refreshed;
- Storage compartment for the machine's user manual, conveniently located under the seat;
- Universal mounting rail on the right side of the cabin with an optional 'Ram Lock' attachment system for displays, phone holders, and other accessories;
- Fully adjustable steering column: Dual-tilt function (20° tiltable steering wheel and 20° tiltable steering column) with a telescopic function for a personalized working and driving position;
- Adjustable sunshades for the front and rear windows, optimizing sun protection and comfort in all conditions;
- Foot pedal for switching between functions (breaker, tilting bucket, and hydraulic arti-boom);
- Keyless start-stop system: No need to carry a key. Start and stop the machine easily for added convenience and security;
- Continental radio with Bluetooth, DAB+, and USB connectivity, controllable directly on the radio and via the display, keeping the operator connected and entertained during work;
- Conveniently located mute button for the radio on the joystick for easy access;
- Heated mirrors for clear visibility in all weather conditions, enhancing safety and operational efficiency.



Charging

AC charging via a power outlet

The Powerbox 300 can be charged directly from the grid using a Mennekes CEE 32A 5-pin plug. This plug supports 3-phase connections (L1, L2, L3), neutral (N), and ground (PE) and is widely used in industrial settings for powering heavy machinery and equipment. The AC charging power is 400VAC@32A, with a charging time from 0% to 100% SOC (State of Charge) of approximately 14.5 hours.

DC charging via a DC charger

The Powerbox 300 can also be charged using a CCS Type 2 connector interface, located on the Powerbox 300 in the upper structure of the machine. The charging speed ranges from 0 to 150 kW. At 150 kW, the charging time from 0% to 100% SOC is approximately 2 hours.

DC charging via a DC charger using the CCS type 2 connector in the undercarriage

The charging speed ranges from 0 to 150 kW. At 150 kW, the charging time from 0% to 100% SOC (State of Charge) is approximately 2 hours.



Powerbox 300

Staad introduces the Powerbox 300, a robust and compact battery designed to withstand harsh conditions, making it ideal for dusty environments. This Powerbox is primarily used as a changeable battery in electric earthmoving machines but can also function as a stationary battery.

Compact and mobile solution

Weighing less than 2,500 kg, the Powerbox 300 is easy to transport on a trailer, providing flexibility with limited space. Four mounting points ensure safe transportation.

Power supply with the Powerbox 300

The Powerbox 300 delivers 400VAC @ 32A for various equipment, whether integrated into the machine or used separately. Ideal as a universal stationary battery.

Fast relocation and optimal mobility

The Powerbox 300 features a single lifting point for quick and easy relocation (the battery swapping time is just 5 minutes).

Safety

The Powerbox 300 utilizes safe Lithium Iron Phosphate (LFP) technology, which meets rigorous testing standards, including the nail penetration test. It features advanced isolation monitoring for enhanced safety.

Simple maintenance

Daily maintenance is quick and easy, with a clean filter in just seconds. Access to key components simplifies inspections and repairs, allowing the battery to remain in the machine.

Hydraulic lock and safety system

The advanced hydraulic locking system ensures the battery is safely changed only after the power cable has been properly disconnected, minimizing the risk of accidents.

Advanced cooling and heating system

The Powerbox 300 features a unique climate control system that optimizes battery performance, providing both cooling and heating as needed.

Certification

The Powerbox 300 complies with the RESS standard and is officially certified under the UN ECE R100.03 regulation, ensuring safety and quality.



Realtime insights

Telematics

Both the STAAD 17W and the Powerbox 300 are equipped with an advanced telematics system featuring the latest technology. This system enables operators and planners to access real-time data directly from their smartphones, including key information such as location, machine operating hours, charge status, operating temperatures, maintenance needs, safety alerts, and more. This offers a peace of mind.

Regarding dealer support, the telematics system allows dealers to remotely diagnose fault codes and notifications, as well as perform over-the-air software updates. This significantly enhances machine efficiency and availability, reducing repair and maintenance costs.

Patented Powerbox system design

Staad holds a patent on the innovative system design of the Powerboxes. This unique technical development enables the Powerbox battery to be used both inside and outside the machine. The flexible design allows the battery to be charged and discharged separately from the machine, making it suitable for a wide range of applications. This provides significant versatility and convenience, while greatly enhancing both functionality and efficiency.



Usage, maintenance and work experience

Central automatic greasing system

Lubrication while the machine is running. No need to spend extra time manually greasing pins, bushings, and bearings. The central automatic greasing system comes factory-installed and takes over this task from the operator.

The system automatically lubricates all grease points on both the upper and lower structure. In total, 50 grease points are connected to the system. A large 4 kg reservoir is securely positioned in a protected storage area within the lower structure, ensuring easy access for refilling, adjusting settings, or maintenance.

Efficient and intelligent

Thanks to efficiency improvements in both the driveline and hydraulic system, the cooling system has been completely redesigned for high-efficiency, smart cooling. The cooling fans only operate when needed, and their speed can be proportionally increased based on the actual cooling requirements, ensuring optimal performance and energy savings.

Two large, smart cooling fans manage the cooling of two separate radiators, each perfectly matched to the cooling capacity of its respective system. By distributing the cooling over two separate radiators, which are positioned apart from each other, the system is optimized for better performance. Additionally, the use of larger cooling air fans has significantly reduced the fan RPMs, resulting in very low ambient noise. This not only enhances efficiency but also improves the overall user experience.

To clean the coolers, the fans are mounted via a hinged door system, allowing them to fully open, making the cleaning process very easy.



Undercarriage redefined

This undercarriage is designed for optimal performance, durability, and ease of use, ensuring every task is carried out efficiently, safely, and with precision. Here's a breakdown of its standard features:

- Ground clearance: High ground clearance for excellent manoeuvrability, even on soft or uneven terrain;
- Protected undercarriage: Well-shielded to enhance durability in challenging environments;
- 2 x 60 l/min double-acting hydraulic valves: Supports functions like trailer tipping or tailgate opening and closing;
- 24V 13-pin connector: Enables easy connection to external equipment or trailers;
- DC connector interface: Allows 24/7 operation and DC fast charging up to 150 kW;
- Large wheel compatibility: Supports large tire sizes, even at maximum steering and tilt angles;
- Adjustable polypropylene fenders: Height- and width-adjustable, reinforced for durability, providing excellent visibility and a professional look;
- Large toolboxes: Two spacious compartments for easy access to tools and equipment;
- Wide step access: Large, user-friendly steps for safe entry into the cabin;
- Adjustable tow hitch: Combined with a height-adjustable K50 coupling and a rotating automatic coupling hitch at the outrigger side for versatile towing options. K80 coupling possible in consultation;
- Dozer blade: Designed to prevent debris buildup, featuring a heavy-duty, wear-resistant baseplate, sturdy steps, and transport lugs;
- Removable tow hitch: The tow hitch can be detached from the dozer blade, allowing full dozer blade functionality without damaging it;
- Tow hitch storage: Dedicated storage space for the tow hitch when not in use;
- Individually controlled outriggers: Outriggers on both sides can be operated independently for enhanced stability and precision;
- Easily interchangeable dozer blade and outriggers: Both can be swapped quickly for added flexibility.





Dig smart, brake automatically

Automatic digging brake function

Designed to enhance safety and efficiency in excavation operations.

When the automatic digging brake is activated, the brake and front axle lock engage as soon as the machine stops. When the machine starts moving again, the brake and front axle lock automatically release, ensuring smooth transitions between tasks.

This feature allows the operator to focus entirely on the job without needing additional manual actions. It saves time, reduces unnecessary movements, and improves safety, efficiency, and operator comfort.



High-end cabin

With an exceptionally spacious interior, superior ergonomics, and intuitive controls, the operator can work efficiently and comfortably all day long. High-quality materials and a thoughtful design create the ultimate working environment, where every detail enhances the operator's experience and satisfaction in this high-end cabin.

Automatic climate control

The settings for heating, cooling, and fan speeds can be controlled in three ways:

1. Directly via the dedicated rotary switches in the left console
2. Through the touchscreen display
3. Using the rotary navigation switch in the right console

This ensures that the operator always has quick and easy access to the desired comfort, regardless of the working situation.



AI-powered safety and vision system

AI-powered collision avoidance and 360° vision system

- Personnel and equipment safety: Proximity sensors detect nearby workers or obstacles, preventing accidents.
- 360° bird's-eye view cameras provide a seamless, AI-stitched overhead view of the excavator's surroundings.
- Drone view provides an elevated perspective for a better worksite overview.

AI integration

- Real-time object recognition and tracking enhance safety and decision-making
- Automatic collision alerts: AI detects obstacles and triggers warnings via display and haptic joystick feedback.

Excavation camera system

For improved material loading, a factory-fitted camera on the digging arm (with a work light and protective cover) ensures clear visibility, even in low-light conditions, which enhances both safety and efficiency.



Maximum control and comfort

Customizable joystick switches

The joysticks are standard equipped with twelve switches (six per joystick) and six rollers (three per joystick). This allows the operator to control these functions simultaneously with their thumbs and index fingers. All switches are adjustable and can be pre-set, so the operator can manage all functions at once without taking their hands off the controls. This increases productivity and safety, and reduces fatigue.

Ergonomic joystick armrest

The adjustable joystick armrest provides optimal ergonomics, tailored to different hand sizes, and is height adjustable, offering additional comfort during prolonged use.

Joystick heating

As factory standard, the joysticks are equipped with switchable joystick heating, providing a comfortable experience on cold days.

Joystick wheel steering

This feature provides precise control of the excavator's wheels through the roller switch, without the need for the operator to switch between different control modes. This ensures faster, smoother operations, saves time, and increases efficiency.



The upper structure, built to top it all



This upper structure combines all advanced features, durability, and customization options in one. A superior upper structure built for both performance and safety in demanding work environments:

- Integrated LED lighting: For optimal visibility and safety under all conditions;
- Ride control boom suspension system: For optimal driving comfort. Safety is ensured by a direct connection between the pressure accumulator and the boom cylinders without the use of hoses;
- Additional wear plate: Increases durability at the bottom of the arm;
- Extra lifting eye: Reinforced for better lifting capacity;
- Option: Staal 17W prepared for 3D GPS: Integrated sensors and cables for easy installation of GPS control systems;
- Prepared for tiltrotator: Factory settings for tiltrotator without extra adjustments;
- 24V power supply: For operating auxiliary tools at the end of the dipper arm;
- Preparation for cabin step: Improves accessibility and safety;
- Hydraulic quick couplings with shut-off valves on the dipper arm: For easy attachment changes, neatly on a central mounting block;
- Universal mounting bar: For adding extra work lights, camera systems, and ambient lighting;

The upper structure offers advanced features, durability, and customization options for demanding work environments.

Technical specifications

Electric motor

The Danfoss electric motor is based on Synchronous Reluctance Assisted Permanent Magnet (SRPM) technology. It is liquid-cooled and designed to operate in harsh working conditions. Due to its compact size, it has a lower weight and higher efficiency compared to conventional electric motors.

Nominal power
104 kW
Maximum torque
600 Nm

Weight

Weight
17.4 tons

Based on the performance of this machine

Capacity fluids

Hydraulics oil tank
96 liters
Radiator
5 liters (twice)

Hydraulic system

- Bosch-Rexroth double variable plunger pump: For proven performance, with a maximum flow rate of 2 x 176 l/min at 2,200 rpm.
- The maximum system pressure is 350 bar;
- Independent or combined operation: Providing flexibility depending on the task;
- Cross-sensing and energy-saving pump system: This system improves efficiency by adjusting the pump output, optimizing energy consumption, and reducing waste;
- Automatic low-speed system: The system automatically adjusts to a lower motor speed when possible, saving energy and reducing operational costs;
- Four operating modes and four power modes: These modes provide refined control over performance, tailored to different work environments and tasks to maximize efficiency and power;
- Hydraulic volume and pressure control for attachments: The pump volume and working pressure can be adjusted directly from the central 12-inch touchscreen display, providing precise control over hydraulic attachments;
- Smart pump system control: Advanced software technology ensures optimal pump operation, improving overall efficiency, refined handling, and performance in various operational conditions;
- Powerboost function of 350 bar: Provides extra lifting and digging force when needed;
- Hydraulic hose burst valves: All load-bearing hydraulic cylinders, including the bucket cylinder, are standardly equipped with hose burst valves, ensuring safety and stability.

Hydraulic functions

- The STAAD 17W comes factory standard with additional hydraulic functions:
- Hydraulic breaker function: High volume, single-way auxiliary circuit (350 l/min, max. pressure 350 bar);
 - Hydraulic shear or tilting bucket function: High volume, two-way auxiliary circuit (350 l/min, max. pressure 350 bar);
 - Rotation function: Low volume auxiliary circuit (40 l/min, max. pressure 180 bar);
 - Hydraulic quick coupler function: Low volume auxiliary circuit for operating the hydraulic quick coupling (10 l/min, max. pressure 180 bar);
 - Return to tank function: High volume line to the hydraulic tank through a low-pressure return filter;
 - Easy connection with hydraulic attachments: A factory-installed coupling block with hydraulic couplings and integrated shut-off valves is mounted on both sides of the dipper arm, facilitating easy and quick connection of hydraulic hoses for work tools.
 - Hydraulically adjustable arti-boom can be smoothly operated via a roller-switch on the joystick or with the left foot pedal. This ensures seamless integration with the digging movements of the machine, improving precision and control for the operator.

All hydraulic connections in the machine comply with SAE and ORFS (European standards), ensuring reliability and easy maintenance.

Swivel mechanism

For the swivel mechanism, an axial piston motor is used that drives a two-stage planetary gearbox in an oil bath for maximum torque:

- Swivel bearing: Ball bearing of the sliding type, single row, with induction-hardened inner gear;
- Inner gear and pinion submerged in lubricant;
- Increased swivel torque results in a shorter swivel time;
- The swivel brake for parking is activated by a spring and hydraulically released.

Maximum swivel speed
13.5 rpm
Maximum swivel torque
3565 kgf - m

ZF eTRAC drivetrain

The ZF eTRAC system has 3 driving modes: Low, medium, and high. In driving mode, the motor is powered by the Powerbox 300 battery, while in braking and deceleration mode, it acts as a generator, returning energy to the battery through regenerative energy recovery.

Driving speed (creep - low - high)
3.5 - 10 - 30 km/h
Maximum traction
10 tons
Minimum turning radius
6.4 meters
Maximum climbing ability
32°/ 62%
Maximum torque
850 Nm
Continuous power
80 kW

Technical specifications

Battery

Designed to deliver superior performance and the highest electrical efficiency, the swappable Powerbox 300 fully meets all required safety certifications.

Model	Powerbox 300
Capacity	300 kWh
Maximum load capacity	150 kW
Charging protocol (charging and discharging)	DIN SPEC 70121 en ISO15118
Nominal voltage system	600 V DC
Certifications	R100.03
Battery type	LFP
Temperatuur	Climate Control System

Charging

Our battery technologies use ‘plug & charge,’ enabling communication between vehicles and charging infrastructure.

- AC charging (via the grid): The Powerbox 300 can be charged via a Mennekes CEE 32A 5-pin plug (3-phase, 20 kW). Charging time from 0% to 100% is approximately 14.5 hours.
- DC Charging (via DC charger): Charging via CCS type 2 connector (up to 150 kW). Charging time from 0% to 100% is approximately 2 hours at 150 kW.
- DC charging via the CCS type 2 connector on the undercarriage of the machine.

AC charging

Charging connection	Type 2 connection, directly on the Powerbox 300
Charging power	22 kW AC
Charging time (400 V / 32 A, 0-100% SOC)	Approximately 14 hours 30 minutes



Type 2

DC charging

Charging connection	Combo CCS Type 2
Charging power	150 kW DC
Charging time (0 - 100%)	Approximately 2 hours



Combo CCS Type 2

Patent

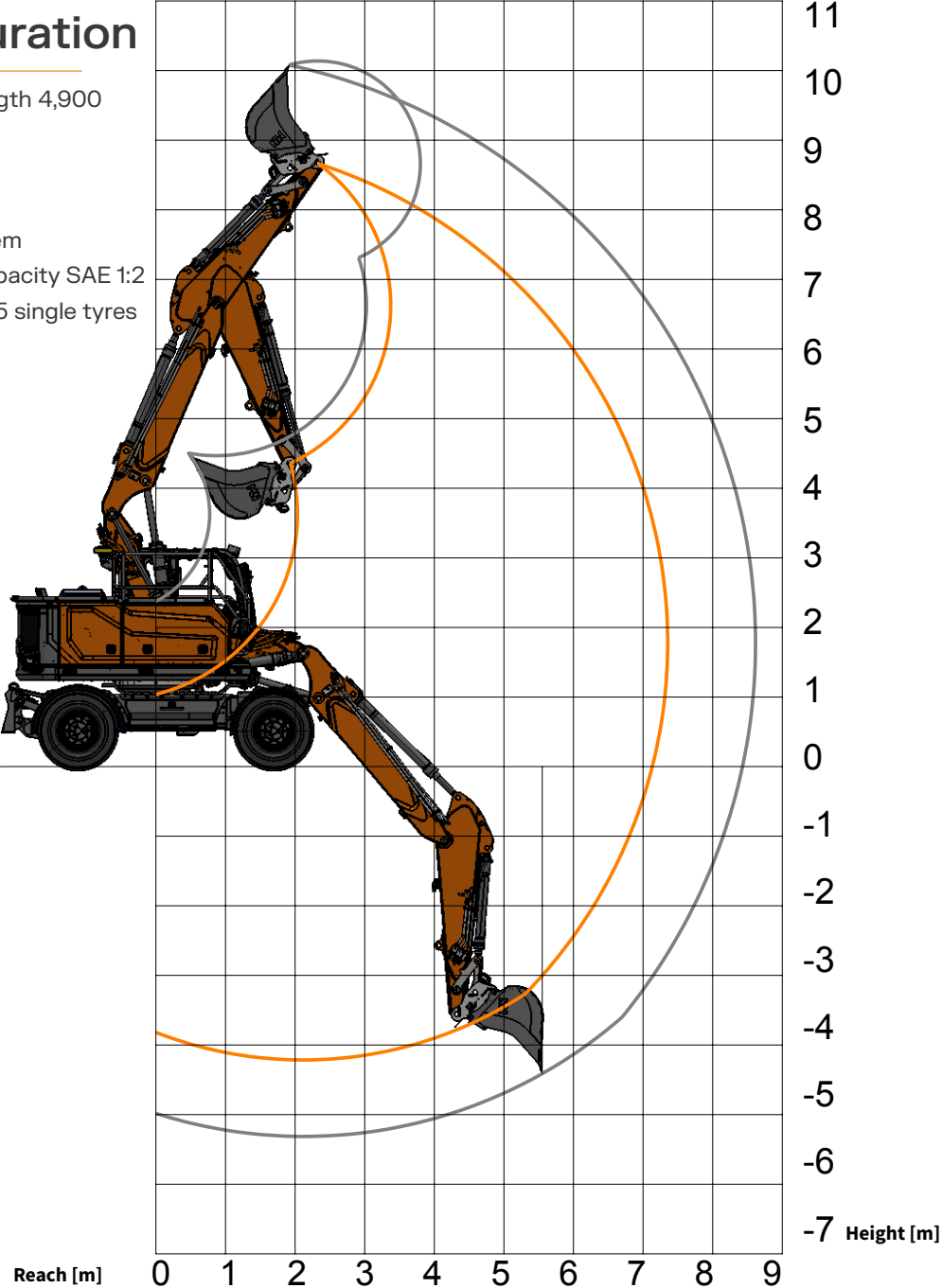
The granted patent applicable to our Powerboxes is a unique technical design that allows the battery to be used within the machine, but it can also be deployed as a standalone battery. This means that the battery can be charged and discharged independently of the machine. The flexible nature of the battery ensures it can be charged and discharged separately from the machine.



Technical specifications

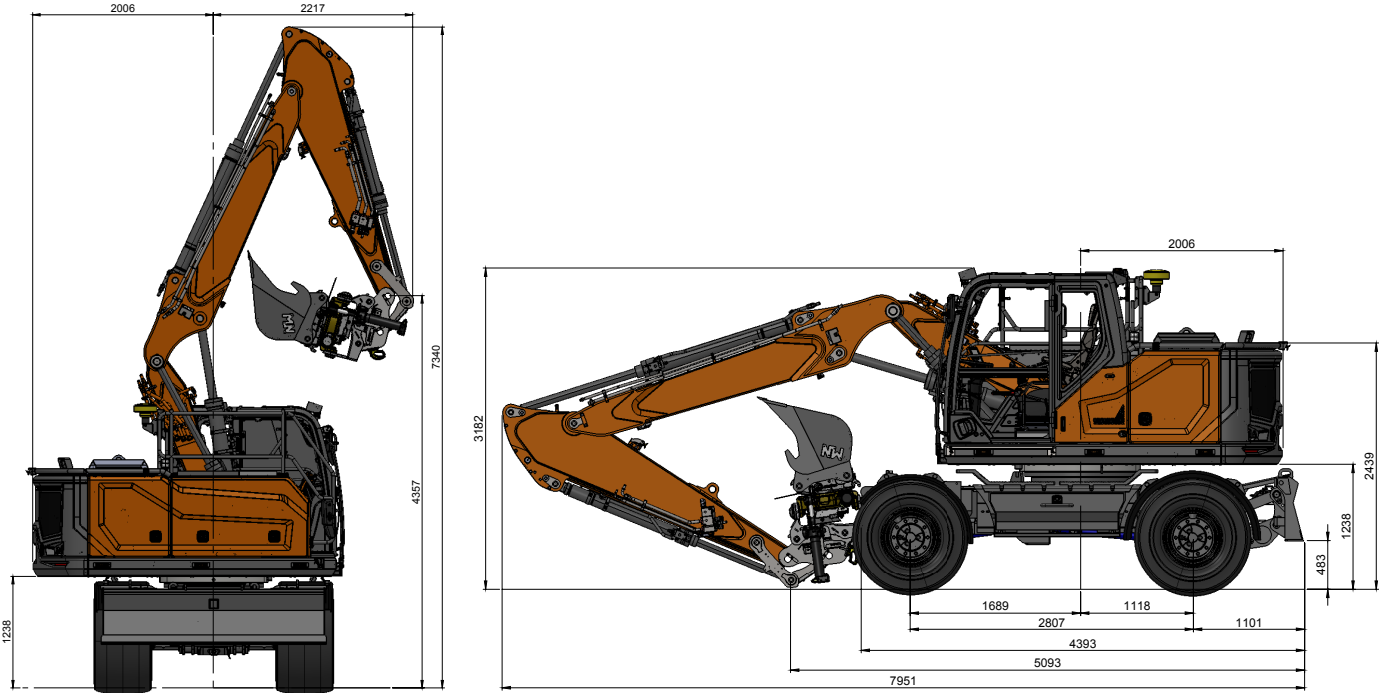
Machine configuration

- Arti-boom (2-piece boom length 4,900 mm)
- Digger arm length 2,500 mm
- Dozer blade rear mounting
- Hydraulic quick coupler system
- 730 Liters digging bucket capacity SAE 1:2
- Nokian Ground Kare 650-22.5 single tyres
- Without outriggers
- Weight 17,400 kg



Height [m]	Reach [m]										Maximum range		
	1,5	3,0	4,5	6,0	7,5								
7,5	-	-	-	-	-	2,74*	2,74*	-	-	-	2,61*	2,61*	2,61*
6,0	4,27*	4,27*	-	-	-	3,66*	3,66	-	-	-	2,2*	2,2*	5,99*
4,5	3,56*	3,66*	4,4*	4,4*	-	4,16*	4,16*	3,59*	2,79*	-	2,08*	2,08*	6,82
3,0	4,39*	5,41*	6,77*	7,68	-	5,13*	4,22	3,45	2,66	-	2,09*	1,90*	7,25
1,5	6,53*	6,53	8,15*	7,33	-	5,14	3,96	3,30	2,52	-	2,09*	2,09*	7,25
0,0	10,06*	10,06*	9,56*	7,06	-	4,98*	3,79	3,20	2,44	-	2,45	1,84	7,13
-1,5	14,6*	14,6*	9,83	7,06	-	4,95	3,70	3,15	2,43	-	2,76	2,08	6,57
-3,0	23,51*	23,51	10,19	7,34	-	4,96	3,75	-	-	-	3,59	2,71	5,55

* = The nominal loads are based on the hydraulic power.
Face value on front
Nominal value around



Dimensions (mm)	arti-boom
Boom length	4900
Arm length	2500
Transport length	5857
Transport width	2665
Transport height (boom)	3982
Transport height (hose)	-
Height to top of cabin	3182
Height above cabin (railing)	-
Swing radius rear	2006
Ground clearance	483
Ground clearance counterweight	1238
Hood height	2439
Width upper carriage	2490
Wheelbase	2807

*Specifications are subject to change without notice.
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moving.
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Preliminary
V25-2

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