

Wheel loaders
Tele wheel loader



WEIDEMANN

designed for work



The powerful wheel loader.

Available either with loading arm or telescopic boom.



An essential part of your business.

The articulated wheel loaders and tele wheel loaders from Weidemann make every work operation considerably more productive through their maneuverability and lifting force. For in addition to a high level of functionality, working comfort and excellent safety standards, they have a great deal of strength and endurance. The finely tiered performance categories of the Weidemann wheel loader and tele wheel loader series provide the right solution for any task.

Wheel loader – available either with loading arm or telescopic boom.

Convincing lift capacities and ergonomic work.

Efficient changing of attachments.

A working area to feel good.

Good service access.

The powder coating provides excellent corrosion resistance.

Economic efficiency that's worth it.

Road capability with articulated pendulum joint.



2060



3060



4060



2060T



3060T



4060T



2090



3090



4080



5080



2090T



3090T



4080T



5080T



9580T

HVO
ready



Exhaust emission standard, engine technology and HVO.

With Weidemann, you are well-equipped for the future!

When implementing the current emissions guideline to reduce exhaust fumes and pollutants, it is important to us to not make any compromises in terms of performance, service life or economic efficiency of the machines, despite the stringent regulations. To implement this guideline, Weidemann is installing the latest engine technologies that are equipped with various exhaust-fume aftertreatment systems.

Since the beginning of 2024, all Weidemann diesel machines have been “HVO ready” and are supplied filled with HVO (Hydrotreated Vegetable Oil).

Benefits of HVO:

- Environmentally friendly and forward-thinking.
- Reduction in CO₂ emissions by around 90% compared with diesel.
- Reduction in particulate matter mass and emissions.
- The same performance as conventional diesel.
- Weidemann machines can be operated with either 100% HVO, a mix of HVO and diesel, or continue to operate entirely with diesel.

The Weidemann diagnostic and analysis systems.

wedias



EQUIP INSPECTOR



With the help of the Weidemann diagnostic and analysis systems wedias and Equip Inspector, many functions, including the operator function, the 3rd and 4th control circuit, the engine data, as well as the electric functions, are quickly and clearly evaluable. Error messages on the display immediately notify the operator of potential errors and make a rapid response

possible. Thanks to the exact designation of the error number, the dealer can come to the machine prepared and with the right spare parts. The subsequent error analysis by trained dealers simplifies further diagnosis and troubleshooting. This saves time and money.

EquipCare.

Be simply better informed.

Modern fleet management is a good basis for the successful and economically beneficial application of working machines within your operation. With our telematics solution, Weidemann EquipCare, you are able to keep an eye on your machine(s) all the time and know their exact status, availability, and use.

Comfortable and location-independent use is guaranteed via the EquipCare Manager (PC, laptop) and the EquipCare app (mobile end devices).

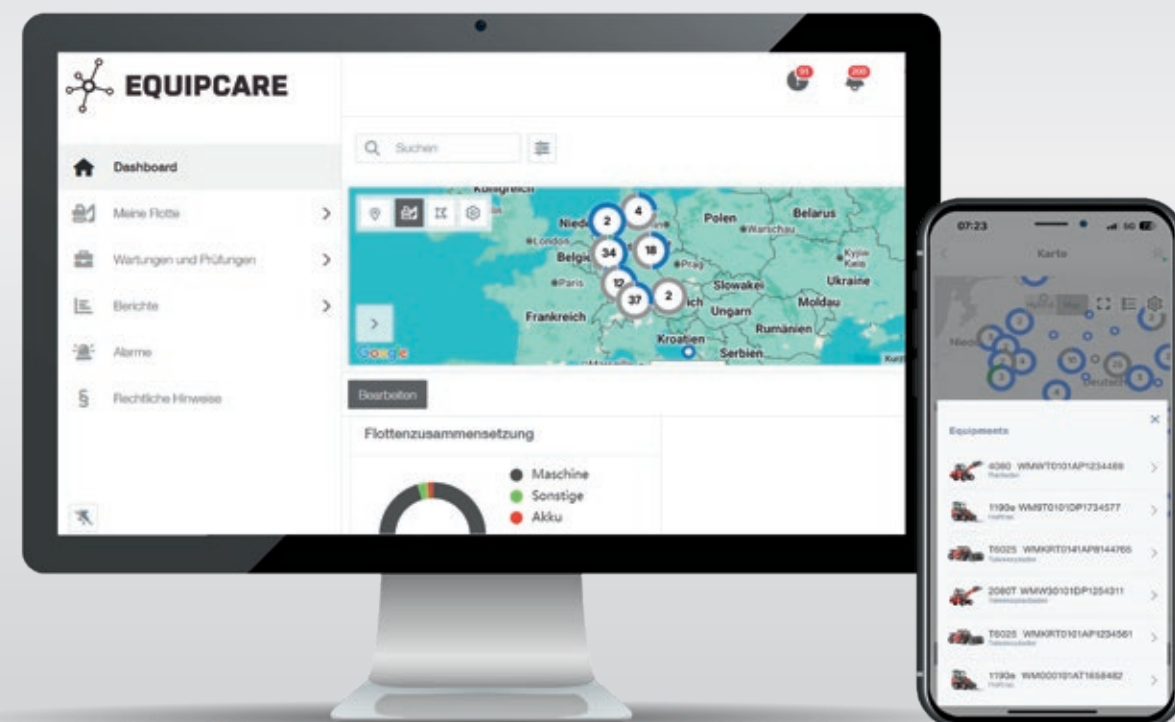
All CAN-bus capable Weidemann machines are already equipped with the EquipCare module ex works. You will be provided with your access information promptly prior to the delivery of your ordered machine. If you would like to equip your existing machine with EquipCare, our distributing partners will gladly retrofit it for you.



EQUIPCARE

EquipCare provides you with the following benefits:

- Precise information on your machine's operating data (e.g. operating hours, engine output, driving speed, routes, etc.).
- Machine's status (e.g. engine temperatures, cooling, and hydraulics, etc.).
- Fill levels of the machine (e.g. fuel, hydraulic oil, coolant, etc.).
- Improved service management with specific planning from notifications for maintenance, faults, and repairs.
- Shorter downtimes with remote diagnosis as the service partner already has a variety of information without having investigated the machine on site.
- Simple development of guarantee cases as the causes of damage can be more easily identified.
- Protection of the machine from theft with geofencing and the seamless determination of the location in real-time. This enables improved conditions for some insurers due to the option to track.
- Increase the running time and service life of your machine thanks to proactive communication.
- Higher resale value of used machines.
- Compatibility with apps of other manufacturers: as a result, you can develop fleet management for your entire fleet.



ecDrive (Electronic Controlled Drive).

Electronic controlled traction drive.



Smart operation and working! With the electronically controlled traction drive ecDrive (Electronic Controlled Drive), the machine can be driven and used properly. The electronic regulation reduces loss in the traction drive and ensures a higher efficiency rate and increased efficiency when compared with existing solutions. A lesser fuel requirement enables operation with lower rpm.

Auto mode and ECO mode are always available as standard. Optionally, the Attachment Mode or M-Drive Mode can be selected. This provides maximum flexibility as the machine can be configured to individual requirements.

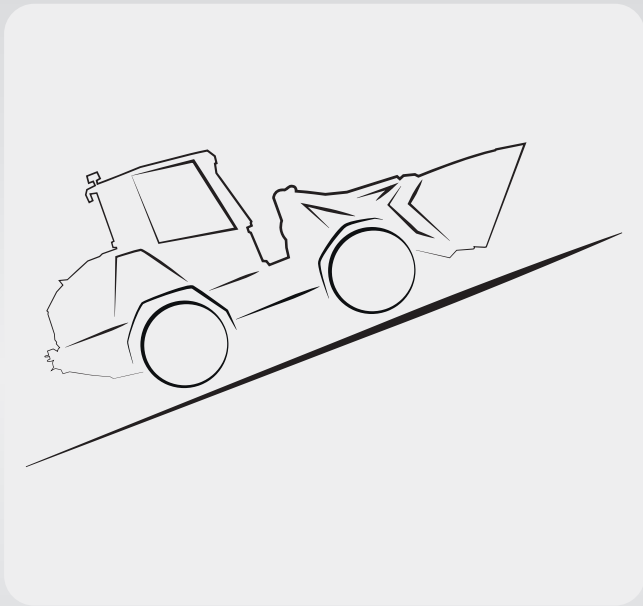
- **Auto-Mode:**
The auto mode provides the usual 100% performance of the machine. Full output and performance are always available.
- **ECO mode:**
In the ECO mode, once the desired travel speed has been reached, the motor RPM is reduced, ensuring both noise reduction and fuel savings. The ECO mode enables comfortable and resource-efficient driving, particularly over longer travel distances.

- **Attachment mode:**
The attachment mode perfectly supports the use of hydraulic attachments. In the attachment mode, the machine's diesel engine and the attachment are always optimally used to capacity. In the Attachment mode, the machine automatically controls the driving speed depending on the load. This ensures maximum productivity and the best possible work results. This relieves the burden on the operator and he can work with the machine in a focused manner for longer periods.
- **M-Drive mode:**
The M-Drive mode corresponds to a gas pedal mode. As a result, the rpm of the diesel engine is set using the manual throttle and the gas pedal is used as the operating pedal. With the M-Drive Mode, the desired rpm is always requested, and as a result, inching is not necessary. This enables comfortable working conditions with hydraulically-operated attachments, just like efficient materials handling with very short routes.

Available for:
2060, 2090, 2060T, 2090T, 3060, 3090, 3060T, 3090T, 4060, 4060T



Available for:
2060, 2090, 2060T, 2090T, 3060, 3090, 3060T, 3090T, 4060, 4060T



Electric parking brake.
The electric parking brake is applied when the brake pedal is engaged or the operator leaves the seat. The Hold function prevents unintentional rolling away of the machine. The electric parking brake is released when the gas pedal is engaged. Naturally, the brake can also be activated or deactivated manually by pressing a switch. This provides the operator and their working environment with the maximum level of safety and comfort. The machine can therefore be very comfortably operated using the electric parking brake.

Power Drive.

Continuously variable hydrostatic transmission.



- The Power Drive traction drive is a continuously variable hydrostatic transmission that achieves higher tractive forces and driving speeds than previously developed solutions. This is achieved while retaining all the advantages of previous traction drives with respect to compactness, energy efficiency, and operator comfort.
- With the Power Drive, it is possible to achieve speeds of up to 40 km/h without the need to gear shift or change speed ranges. This enables a comfortable driving manner as there is no need to interrupt the traction.

Available for:
2090, 2090T, 3090, 3090T, 9580T

Lowering Assistant.

Partially automated driver assistance system.



- The Lowering Assistant is a partially automated driver assistance system that automatically retracts the telescopic boom during lowering. This increases safety when operating the machine, as the load is always kept close to the vehicle and the machine does not enter the overload range.
- The driver assistance system, Lowering Assistant, enables efficient loading cycles and relieves the operator's burden through simple operation.
- The Lowering Assistant can also be completely deactivated if necessary, for example, when highly precise work is required for stacking bales.

Available for:
2060T, 2090T, 3060T, 3090T, 4060T, 4080T, 5080T, 9580T

dla (Dynamic Loading Assistance).

Assistance package Loading system.



dla (Dynamic Loading Assistance) combines the intelligent assistance functions of the machine. The aim is to maintain a consistently high handling capacity whilst simultaneously reducing wear and tear and making everyday work noticeably easier. Automated support for central loading and lifting movements optimizes work processes and simplifies operations regardless of the operator.

Wear-related load on the machine is reduced, which reduces potential repair costs. At the same time, the software-based support ensures simplified handling and enhanced comfort, significantly reducing the physical strain on the operator. Bucket volume is fully utilized, loading cycles are accelerated, and repetitive movements are reliably supported.

The combination of the various features enables precise, efficient, and safe machine operation.

Automatic bucket return.

- The automatic bucket return allows the attachment to be automatically returned to a predefined loading position. The desired position of the tipping cylinder and/or the lift cylinder is saved at the push of a button and restarted precisely during later loading cycles. This ensures that the attachment remains in a consistent position.
- Recurring work processes can be carried out in a reproducible and efficient manner. Loading cycles are accelerated and a consistently high handling capacity is achieved. The smooth motion reduces unnecessary corrections and helps lower wear costs while increasing the long service life of the loading system.
- The automatic bucket return ensures precise results, especially in stacking work or while filling bins at fixed heights or sides. This leads to increased productivity while also offering greater comfort and improved control in daily work operations.



Tilt-in-Assist.

- The Tilt-in-Assist aids the loading process by automatic rolling-in of the bucket when lifting the loading system. When activated, the system ensures that the bucket is automatically moved into an optimal position during the lifting process. The function can be comfortably set using the Jog Dial and display and controlled via the Joystick.
- The automatic rolling-in enables smooth and reproducible work processes. The bucket volume is used efficiently, material loss is minimized, and loading cycles can be performed consistently. Even with different operators, the quality of work remains consistently high.
- The result is increased handling capacity and high productivity, while also making it easy to handle. The Tilt-in-Assist thus contributes to efficient loading processes and economical machine application in daily operations.



Vibration function.

- The vibration function helps to efficiently empty the bucket of bulk materials that are difficult to handle. An automatic vibrating motion is triggered at the push of a button, wherein the attachment moves back and forth quickly several times. Any adhering material is reliably removed without additional manual corrections.
- Even in case of moist or sticky materials, the bucket can be emptied completely and evenly. Handling is greatly simplified, while the bucket volume is utilized to the fullest. No sudden joystick movements are required, which helps ensure smooth work operation.
- The reduced mechanical load minimizes signs of wear and extends the long service life of the bucket and loading system. The result is more efficient loading processes, consistent work results, and increased economic efficiency in daily application.



Lifting height limit.

- The lifting height limit allows you to set the maximum lifting height of the machine individually, using the Jog Dial and display. The loading system is reliably limited to the set height, so that work movements can be performed in a controlled and precise manner.
- Work processes are accelerated and unnecessary movements are avoided by optimally adjusting the required lifting height. At the same time, the risk of damage to the machine, attachments, and the work environment is greatly reduced, and potential repair costs are lower.
- The lifting height limit thus contributes to efficient, safe, and economical work processes – especially for recurring loading tasks at a specified height.



Tele Retract.

- Tele Retract enables the automatic telescoping in of the telescopic boom. After it is activated, the telescopic boom retracts automatically, while other machine functions can be operated simultaneously. The work process remains smooth and uninterrupted.
- This feature simplifies operations to a great extent and the burden on the operator is noticeably relieved. Simultaneous movements can be efficiently combined, whereby work processes are sped up and loading cycles are optimized. A measurable increase in productivity is achieved, particularly with frequently recurring telescoping movements.
- Tele Retract helps ensure smooth, controlled machine operation and supports efficient, comfortable, and economic application of the machine in daily operations.

Available for:

2090, 2090T, 3090, 3090T



Object Detection.

Greater safety through monitoring the surroundings.

- Ultrasonic sensors monitor the rear area of the machine and warn the operator visually (via display) and acoustically (via signal tone) of obstacles. In addition, a rear-view camera can show a clear view of the area behind the machine on the display.
- The operator is assisted in situations where visibility is not clear: enhanced safety while maneuvering and reliable obstacle detection.
- Object detection reduces the risk of accidents and makes work less stressful and safer.

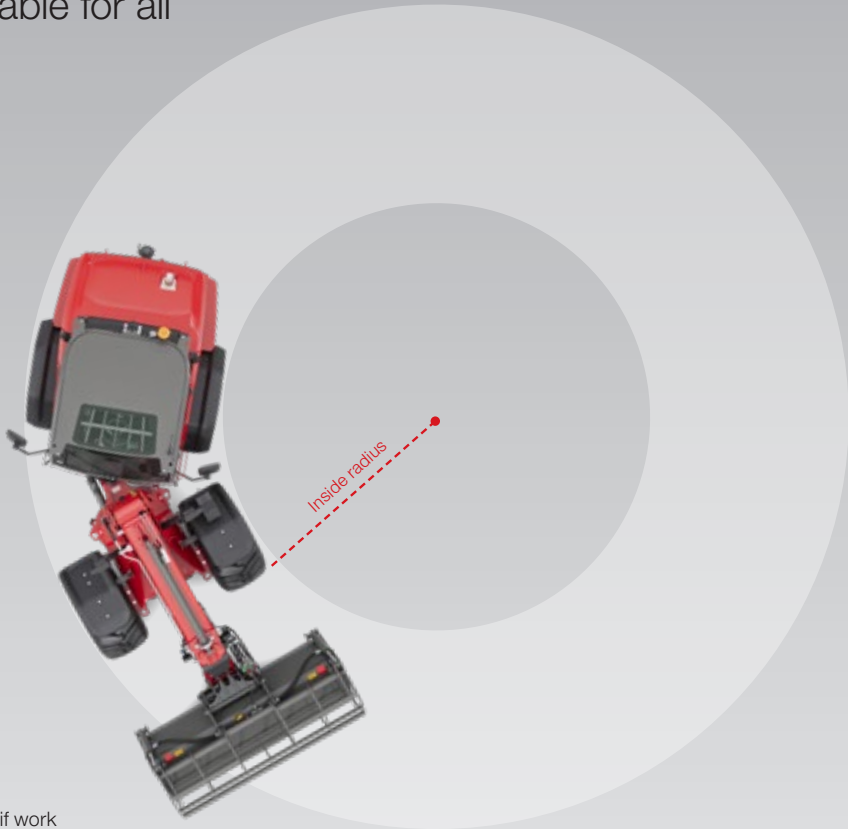
Available for:

2090, 2090T, 3090, 3090T



The basic Weidemann virtues.

Agile, multi-functional, and suitable for all terrains.



Large machines with a high level of maneuverability.
Even big machines sometimes encounter small spaces (e.g. if work is to be done in stables and storage facilities). Our models feature a loading arm and telescopic boom with small radius and optimal maneuverability.



A multi-tool for various applications.
The work tasks of an operation are versatile, as also the attachment from Weidemann. With our comprehensive and sophisticated attachment range, you will make a multi-functional machine out of any model. You can find more about this on pages 28 – 31.



Maximum traction through articulated pendulum joint.
Thanks to the articulated pendulum joint, all four wheels retain good ground adherence, even on uneven terrain. This increases the machine's productivity and provides the operator with optimal control. The front and rear of the vehicle can be oscillated independently of one another. This makes it possible for the operator to react sensitively to every imperfection. This increases comfort and creates a safe driving experience.



Variety in the outfitting.
Weidemann machines have an extensive and high-quality range of standard components. In addition, the engine, drive, driver's cab, and hydraulics can be individually configured depending on application and model. It is always guaranteed that the machine will fulfill the individual demands and preferences.



Efficient changing of attachments.
Thanks to the hydraulic rapid-change system, attachments can be readily and quickly exchanged. A good view of the quick-change plate makes it particularly simple to change the attachment. Due to the 2-hand operation when decoupling, changing the attachments is really safe and the machine is immediately ready for use.



Economic efficiency that's worth it.

Efficient operation thanks to reliable technology.



Work economically.
Economic efficiency is currently one of the most important features that machines should bring for efficient application. The faster and more time-efficiently a machine can maneuver, the higher its work performance. With machines by Weidemann economic efficiency represents matured solutions, like powerful drive systems, strong tear out forces, efficient kinematics, high degree of maneuverability, and excellent stability.

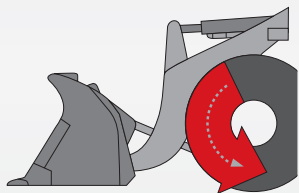
Connectible 100% differential lock.
When compared with a self-locking differential, the connectible 100% differential lock ensures maximum traction and pushing power and reduces the tire wear. This increases the machine's efficiency. The differential lock is deactivated in the normal drive operation, this provides safety, results in lower tire wear and thus saves on operating costs.



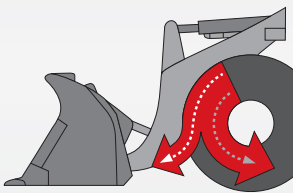
High-level hydraulic performance.
A Weidemann machine has sufficient hydraulic power and is therefore suitable for the operation of many different attachments. The flexible combination of the machine and a variety of hydraulically powered

attachments covers numerous work tasks. Machines with a high hydraulic power save money as it is not necessary to switch to a larger machine.

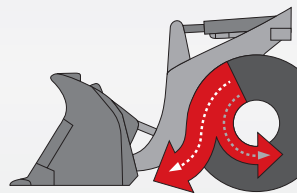
The inch brake pedal.



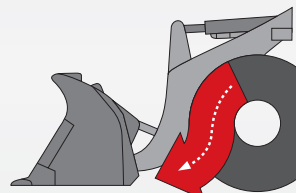
1. No pressure on inch brake pedal: full power for the traction drive.



2. Slightly depressed inch-brake pedal: speed is reduced, more power to the work hydraulics.



3. Further depressed inch-brake pedal: the speed is reduced further, even more power to the work hydraulics.



4. Fully depressed inch-brake pedal: The machine stands still, full power to the work hydraulics.

The benefits of the brake-inch pedal: less wear on the service brake as well as optimal performance distribution of the engine output.



Perfectly matched kinematics.
With Weidemann, the kinematics are adapted to the size of the machine in relation to the application. For every machine this guarantees optimal balances of power and maximum productivity. The largely designed



hydraulic cylinders always provide adequate reserves, and the components of the loading system are not operated at maximum. This increases the long service life of the machine.

Driver's cab and maintenance.

Smart solutions for all operating conditions.

Cab of wheel loaders and tele wheel loaders.

The Weidemann machines of the 80 series are equipped with a cab (standard). The spacious cabs feature considerable freedom of movement. It also fulfills the current European Machinery Directive on ROPS and FOPS protection. The high, raised windshield provides an excellent view of the attachment and the entire work area.



Extremely good service access due to tilting cab.

The wheel loaders and tele wheel loaders of the 80 series (4080, 4080T, 5080, 5080T) are equipped with a tilting cab. This allows easy access to the engine, hydraulic system, and the electrical system. This facilitates maintenance of the machine. The engine bonnet can be opened widely, thereby allowing for optimal access.



Central lubrication unit.

With the optional, fully automatic central lubrication system, lubricating the machine is comfortable and automatic. This means significant time savings, extending the long service life of the machine, and thus helping maintain its value.



60s/90s series: driver's cab.

The 2060 and 2060T models come with an overhead guard installed as standard (optionally low/high). A cab is available as an option. A comfortable cab is installed as standard in the models 2090, 2090T, 3060, 3060T, 3090, 3090T, 4060 and 4060T. Like all Weidemann operator's cabs, those in the 60s/90s series also comply with the current European Machinery Directive for ROPS/FOPS protection.



60s/90s series: service access to the right.

There is a service flap on the right side of the machine, in an easily accessible position. The retainers and the air filter of the cab are easily accessible through these.



60s/90s series: front carriage service access.

The machine convinces thanks to its optimized hydraulic hose routing, as well as the integration of the control valve into the front carriage. It can be accessed quickly and easily through a maintenance cover. The optimized arrangement significantly reduces the development of noise and heat in the cab and provides optimal access for servicing.

60s/90s series: transverse engine for optimal service accessibility.

The engine is installed transversely, and the components are optimally arranged, all maintenance points can be reached ergonomically. This greatly improves the machine's serviceability. The engine bonnet can be opened in just one step for regular service and maintenance. Thus, the most important maintenance components at the rear of the machine are easily accessible: oil dipstick, hydraulic oil tank, windshield washer fluid tank, coolant, and the engine air filter.



Simple and quick maintenance maximizes availability of the machine, and the operating costs are optimized.

High level of operating and driving comfort.

Optimal visibility and good working environment.



Good 360° visibility and lighting.
The glazed cab provides an excellent overview of the attachment, the immediate work area, and the entire machine surroundings. The lighting can be adjusted to different requirements. Different lighting packages are available depending on the model. Good illumination of the work area increases operational safety and allows the operator to also concentrate for longer periods while working with the machine.



Adjustable operator's seat.
The joystick console including armrest forms a unit with the operator's seat, is adjustable and suspended (not in 60s series). The operator's seat is adjustable, ergonomically formed, and well suspended. Depending on the machine, various operator seats are available as options.



Color-oriented operating concept.
The sophisticated operating philosophy of Weidemann and color-oriented operating concept allow the operator to operate the machine intuitively. The switches and controls are color-coded into different groups, ensuring easy identification and orientation at all times:

- Gray = Electrics
- Red = Safety
- Blue/Orange = Traction drive
- Green = Hydraulics



30/40 km/h driving speed.
Depending on the model, speeds of 30 or 40 km/h can be reached with the appropriate engine version. This allows the machine to be moved from A to B quicker, which saves time, thereby increasing productivity. More information can be found on pages 38 – 41.



Large storage compartment.
There is a large storage compartment integrated to the left of the operator's seat, that can be folded upwards. Various items can be stored here easily, safely, and in an accessible manner.



Comfortable working environment.
The working environment is excellent, thanks to an efficiently working heating and ventilation system with a fan, fresh air filter and well-placed air nozzles. In warm temperatures, an air-conditioning system is recommended.

A motivating working area.

Ergonomic operator's controls and simple handling.



Ergonomic joystick.
The joystick fits securely and comfortably in the hand. Control is therefore immediate and simultaneously sensitive. As a result, the operator always has complete control over the machine and its most important functions.

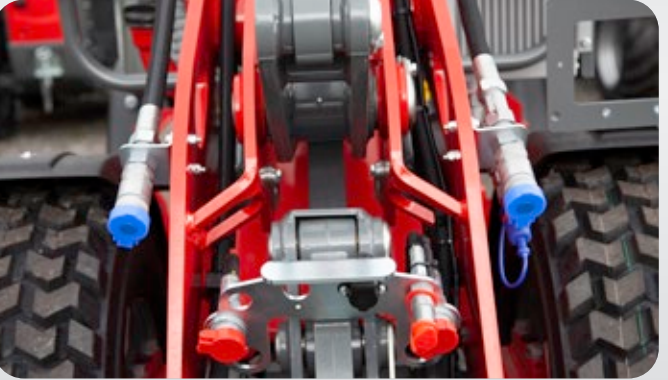
Alongside the standard functions, like selecting the travel direction and the speed, other functions, e.g. the differential lock, the 3rd control circuit, and all electrical functions, can be operated using the joystick, depending on the model. This enables comfortable one-handed operation of attachments.

Control element Jog Dial.
The Jog Dial allows you to operate and read various machine parameters and functions on the display: for example, setting the load arm damping, reading operating hours and machine information, or tracking service intervals. The Jog Dial is accessibly located in the work area of the operator.

If necessary, the flow rate of the hydraulic oil can be manually set using the "Jog Dial" control element. This is advantageous if the machine drives a hydraulic attachment, which does not require the full hydraulic performance of the machine. The operator can thus work with the machine and attachment very sensitively and in a resource-conserving way.



Adjustable steering column or steering wheel.
The steering wheel and steering column can be set individually both in terms of height and incline with a great range, depending on the model. This makes it possible for the operator to work very ergonomically with the correct settings for them.



High Flow.
Depending on the model, the machine can be optionally equipped with a High Flow high-performance hydraulic. This enables the operation of front attachments, which have a high demand for oil (e.g. snowplough). This extends the application range of the machine.



Pressure release at the loading system.
The button for the pressure release is easy to access on the load arm or the telescopic arm. In this way, different hydraulic attachments can be replaced even faster and more efficiently. This also works when the engine is running.



Vibration-damped working area.
Vibrations and impacts are absorbed by the machine due to the appropriate dampers. The operator's body is very well protected and can therefore work for longer with concentration with the machine.



The main functions always in sight.
With the digital display, you obtain an overview of your machine. In addition to standard displays such as temperature, tank filling, or operating hours, active functions are also displayed in the cockpit, such as active electrical functions, the continuous operation of the 3rd control circuit or the activated differential lock.

The powerful 60s and 90s series.

Wheel loaders and tele wheel loaders that impress.



The following features characterize the 60s as well as the 90s series:

- Best View Cabin with excellent ergonomics and 360° visibility.
- Wide and comfortable mounting and alighting.
- Electronic controlled traction drive ecDrive with various operating modes.
- Electric parking brake with Hold function.
- Sturdy central joint with optimized hose routing.
- Very good maintenance accessibility: transversely installed engine and optimized arrangement of components.
- Operating philosophy of Operator First.
- Modern machine design.



Sturdy central joint with optimized hose routing.

- The central joint is very sturdy and stable and the front and rear carriages are connected to each other at two points. This increases stability and thus the long service life of the machine.
- The highly abrasion-resistant hydraulic hoses are routed through the central joint and are optimally protected. This significantly reduces the risk of chafing points and the hydraulic hoses need to be replaced much less frequently.



Best View Cabin.

- The Best View Cabin has been optimized to the requirements of the operator and enables safe and concentrated working: more space provided, more storage options and a wider access.
- The 4-pillar design, deep-drawn windows, and a panoramic windshield ensure excellent 360° visibility.
- Heating with optimized air circulation and optional air-conditioning system make for consistently pleasant temperatures.
- The ergonomically arranged controls, attractive interior and reduced vibrations and noise in the cab increase comfort for the operator.



Transversely installed engine.

- The engine is transversely installed and the components in the engine compartment are optimally arranged. This improves airflow under the hood and ensures enhanced cooling efficiency.
- The engine impresses by its low fuel consumption, low noise emissions and compact dimensions. It also has high torque, which improves the overall machine performance.
- With the flat-sloping engine bonnet shape, visibility is clearly improved to the rear, which again increases safety when working with the machine.
- In addition, the slope angle increases, thereby improving the off-road capability of the machine.

Next Level.

2060, 2060T, 3060, 3060T, 4060, 4060T

- Basic standard components, an efficient basic machine, and a good range of options.
- The ideal entry-level series: sophisticated technology and excellent price-performance ratio.
- Compact and low method of construction, optimal for confined areas.

The 60s series is characterized by:



Available for:

2090, 2090T, 3090, 3090T

Ergonomic control panel and comfortable operator's seat.

- The display, Jog Dial, joystick, and other control elements are integrated into a single control panel. They form a single unit with the operator's seat and move along with the motion.
- The entire control panel includes the most important display and control elements and always remains in constant position relative to the operator. This reduces the operator's burden and ensures optimal view and control over the machine at all times.
- The adjustable armrests and seat ensure that different operators can make optimal adjustments. This ensures maximum comfort.
- The standard operator's seat has mechanical suspension. Optionally, a seat with air suspension, heated seat, and additional adjustment options is available. For even greater comfort, the premium operator's seat has low-frequency suspension, heated seat, seat ventilation, adjustable side contour, lumbar support, and automatic weight adjustment.



Next Level Professional.

2090, 2090T, 3090, 3090T

- The control panel and operator's seat form a single unit and respond together to vibrations and movement.
- Comprehensive lighting package and active work lights for optimal visibility in the dark.
- dla (Dynamic Loading Assistance) with useful loading aids for high handling capacity, simplified operation, and greater comfort for the operator.
- Tele Retract, automatic telescoping-in (2090T, 3090T) simplifies loading cycles.
- Object Detection for additional safety.
- Driving speed of up to 40 km/h due to Power Drive.
- Speed-dependent load arm damping.
- High Flow high-performance hydraulics and Load Sensing (3090, 3090T).
- Flow Sharing as standard.
- Tilting angle shown in the display.
- Pushing power regulation.
- End position damping in lifting and telescopic cylinders.
- The sensitivity of the loading system can be adjusted in 3 levels.
- Operation of working platform in accordance with 2006/42/EC with tipping cylinder lock and lowering throttle ex works (2090T, 3090T).



Optimal illumination of the work area.

- A high-quality lighting concept with powerful LED work lights and standard coming-home lighting ensures optimal illumination of the work and driving areas. The entire area of application is clearly and evenly illuminated, which supports precise work processes and a high level of safety.
- The lighting package, Performance, offers advanced options, including additional LED work lights, a dimming function, and active work lighting. The luminous intensity can be adjusted to suit the situation, and enables glare-free work. The active work lighting automatically adjusts the illumination to suit the respective working situation.
- The result is improved view, enhanced operational safety, and the ability to work with the machine with concentration for longer periods.





Our quality promise.

Weidemann “Made in Germany.”

At Weidemann, quality is not an empty promise, but a reality lived daily. A true Weidemann comes from one of the most modern wheel and telehandler production facilities in Europe. The plant in Korbach guarantees a consistently high quality of our products. At Weidemann, quality begins early on, because compliance with defined processes is taken seriously. Purchased parts supplied to production are continually monitored, tested, and optimized in co-operation with suppliers.

Powder-coating.

The powder-coating is another key feature of the special quality standard at Weidemann. This guarantees optimum protection against corrosion. In comparison to conventional wet painting, it greatly extends the service life of the machine. It is also more efficient and environmentally friendly.



Careful final inspection.

Every Weidemann that leaves our factory is subjected to a careful final inspection. This guarantees our customers a long service life and low operating costs from the onset. The Weidemann label means quality.

Certified management system.

Weidemann is certified to varying standards:

DIN EN ISO 9001 Quality management

Our processes are designed in such a way that our products and service quality fulfill both the customer requirements and the requirements of the law and standards.

DIN EN ISO 14001 Environmental management

Our processes and tasks work in conjunction with the environment. These are depicted in a management system and are subject to constant monitoring and improvement.

DIN EN ISO 50001 Energy management

Determination of energy consumption in the Weidemann organization is being continually generation and optimized using a company-wide energy efficiency system.



Weidemann wheel loader.

Performance cannot be any more convincing.



Your Weidemann tele wheel loader.

Unbeatable in daily application.

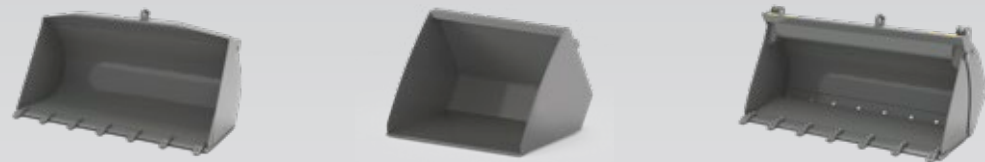


The optimal attachment for every task.

Your machine becomes a multi-tool.

Only the right attachment makes our machines true problem solvers for your respective work task. Our varied and well-thought-out product range makes our machines highly functional multi-tools, which can be used for any application. View a selection of attachments and tasks here, which can be easily accomplished.

Material Handling



Power grab



Stacking and transporting



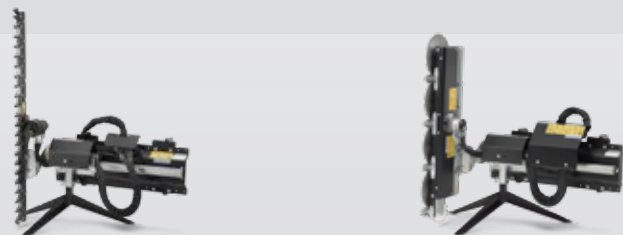
Clean



Mulching



Tree and hedge cutting



Winter service



Feed handling



Bale handling



Working in the stable



Miscellaneous



More information can be found at www.weidemann.com

Lifting force, tear out force, and tipping load.

When comparing tipping loads and lift capacities from different manufacturers, make sure that they have been determined in accordance with the ISO 14397-1 and 2 standards!

General information.

Attention: the tipping load changes depending on the various equipment features of a machine (e.g. driver's cab/cabin, rear weight, engine, tires, etc.). The net weight of the various attachments naturally also plays a role here.

Important to note:

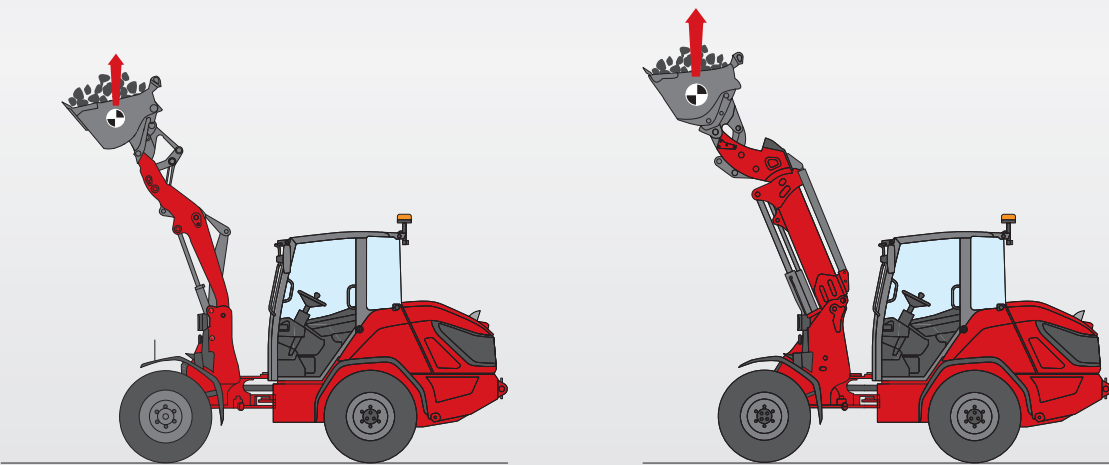
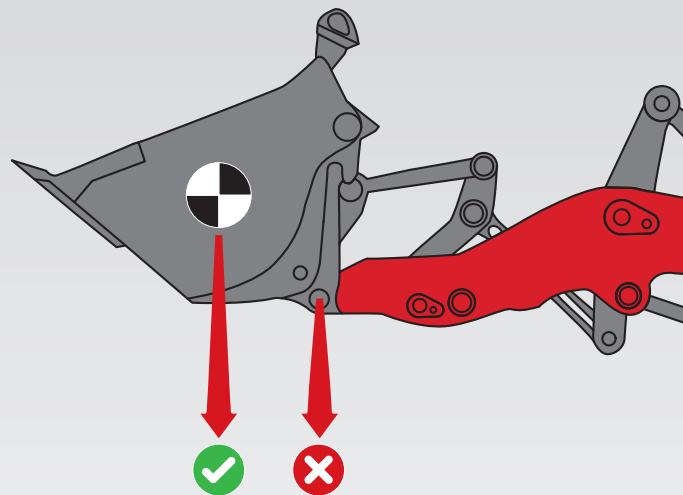
Good to know: tipping loads determined in the buckled state are highly dependent on the buckling angle of the machine. Weidemann determines these values in the fully folded state. When comparing with other manufacturers, please note the kink angle used!

Important to note - the difference between Center of gravity and pivot point:

- Values, which were determined outside of the standard, are not to be considered as relevant for a valid comparison.
- In this light, values that are determined through other load distances are definitely not comparable!

Weidemann determines these values according to standards at the bucket's center of gravity - not at the pivot point!

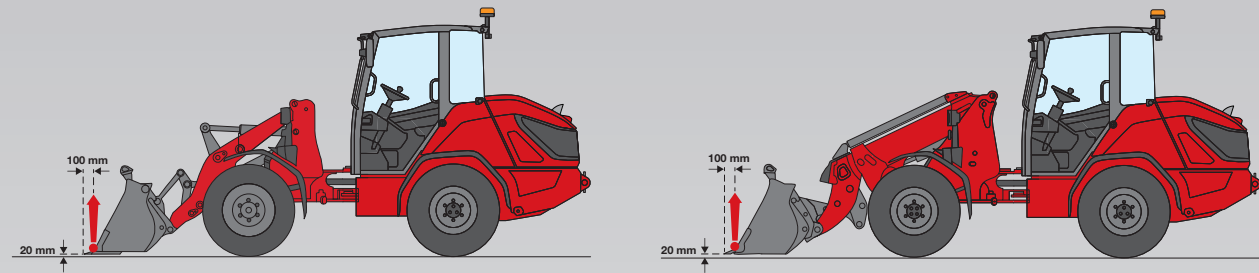
- Attention: values, which are determined in the pivot point, are generally significantly higher! Please take this into consideration when comparing with other manufacturers!



Lifting force (max.)

The maximum lifting force in the bucket's center of gravity is measured as follows by Weidemann:

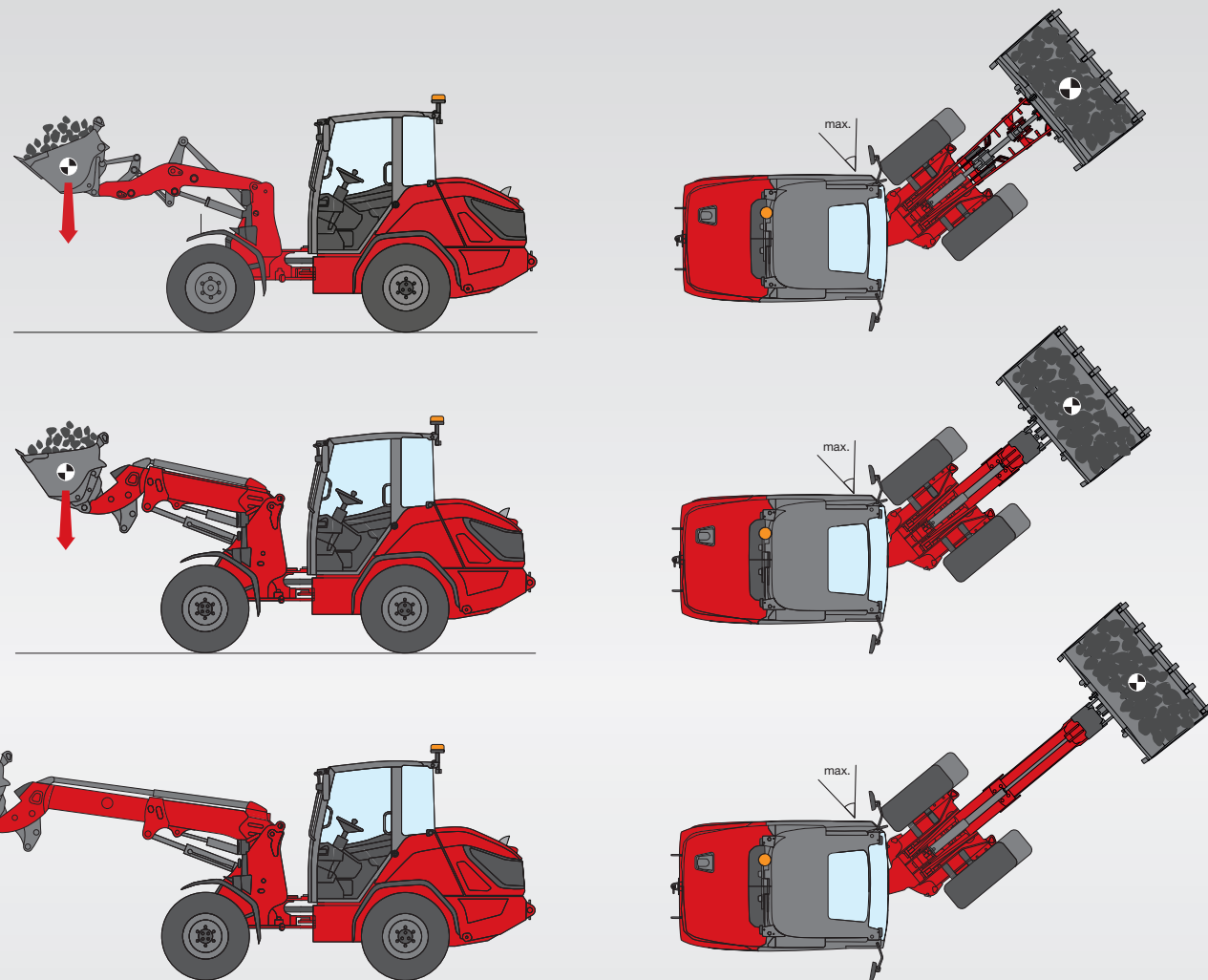
- Determination of the lifting force at the center of gravity of the content for the bucket attachment.
- Measured when the machine is straight with a lift frame moving upwards until the maximum lifting force is achieved.



Tear-out force (max.)

The maximum tear out force at the bucket edge below is measured by Weidemann pursuant to the standard ISO 14397 2, this means:

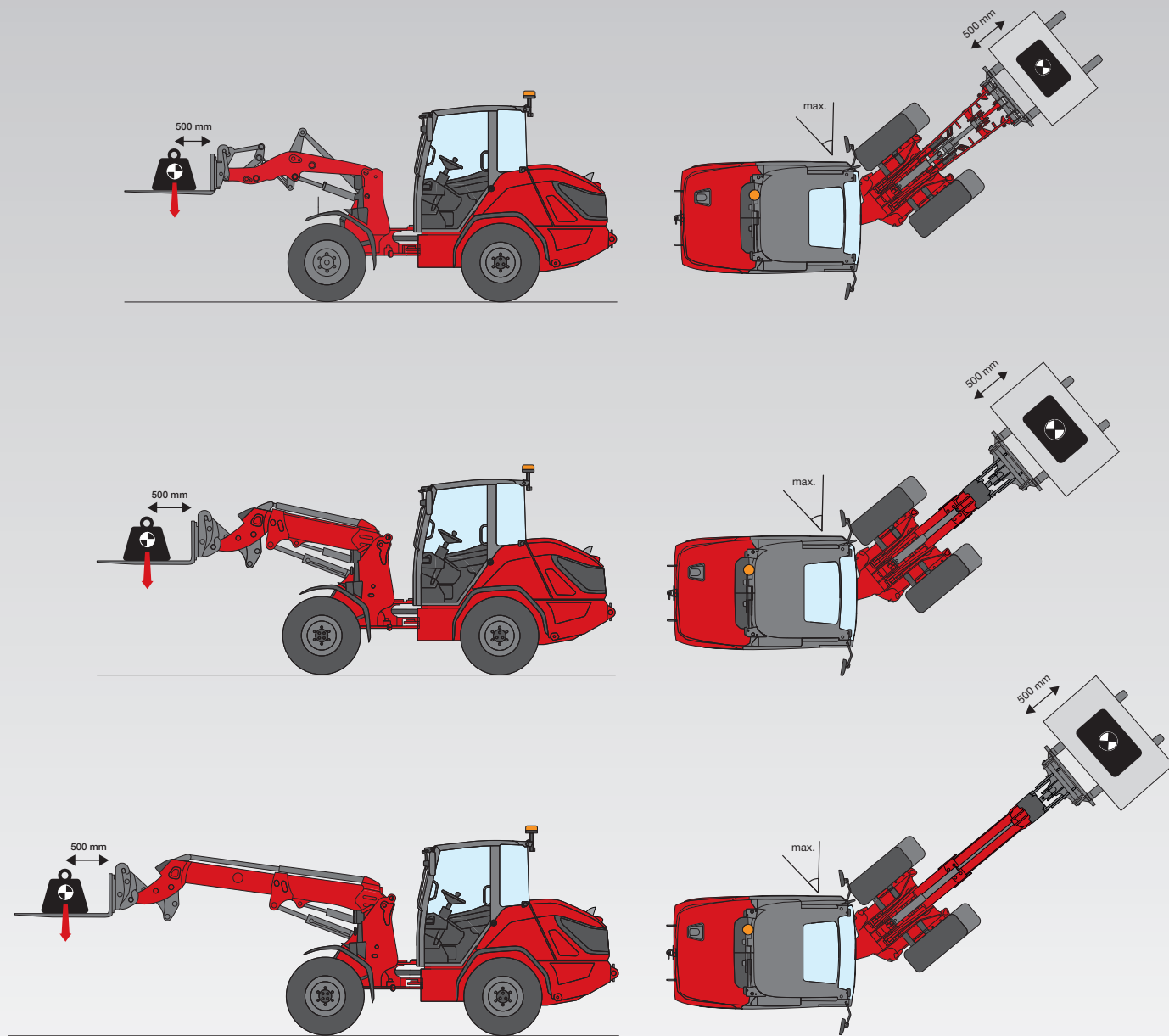
- Determination of the tear out force, incl. bucket attachment, 100 mm behind the bucket peak.
- Measured when the machine is in a straight position and the lift frame is down, the bucket is 20 mm above the ground.



Tipping load in the bucket's center of gravity, machine straight or angled, lift frame horizontal

The maximum load weight of a machine is known as the tipping load. This is reached when the rear wheels of the machine lose contact with the ground. The tipping load is measured by Weidemann pursuant to the standard ISO 14397 1, this means:

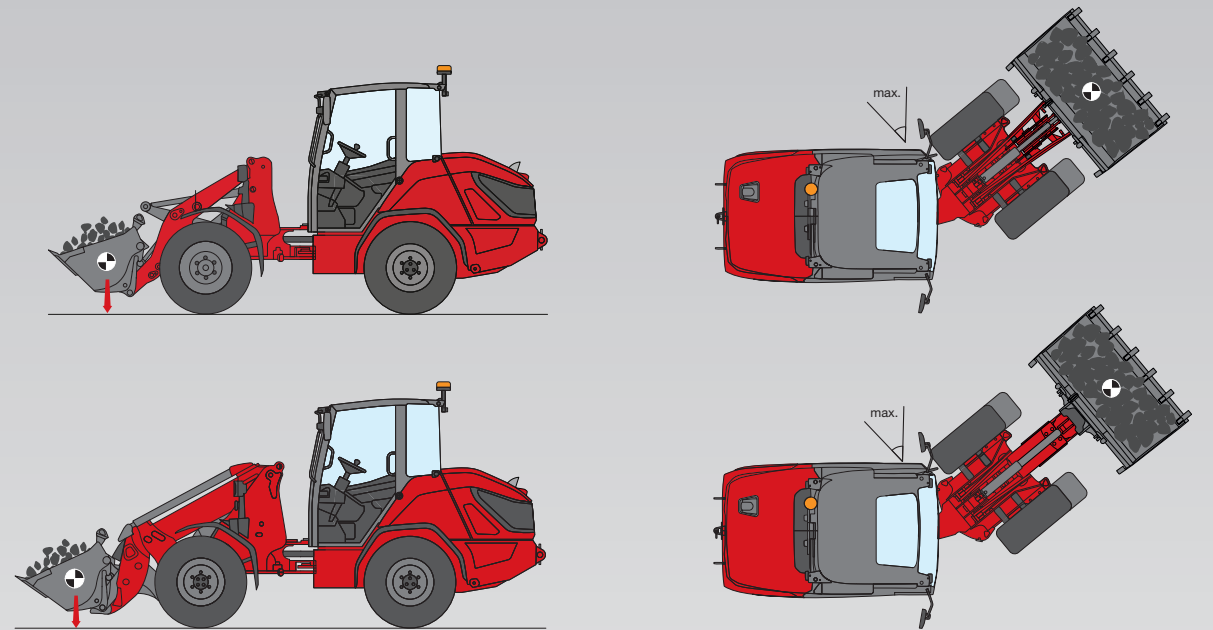
- Bucket: measurement at the bucket's center of gravity (not at the bucket's pivot point!).
- Measured when the machine is straight or angled.
- The lift frame is in a horizontal position.



Tipping load with pallet fork, machine straight or angled, lift frame horizontal

The maximum load weight of a machine is known as the tipping load. This is reached when the rear wheels of the machine lose contact with the ground. The tipping load is measured by Weidemann pursuant to the standard ISO 14397 1, this means:

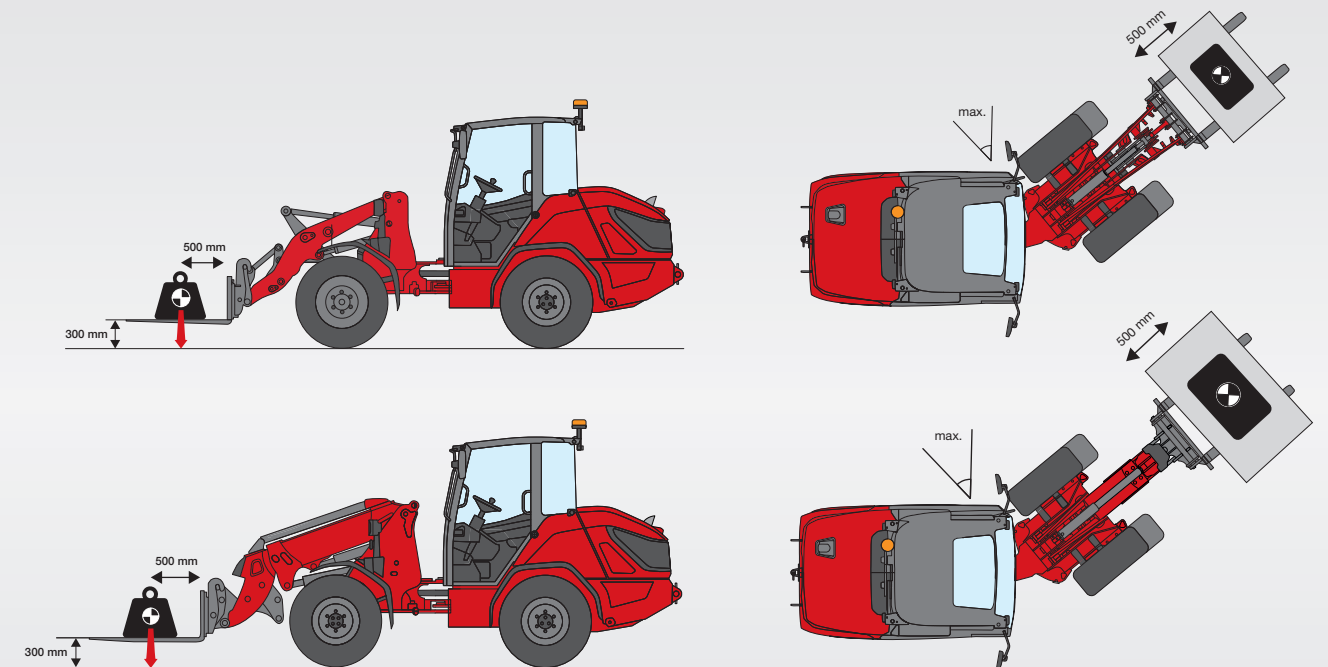
- Pallet fork: measurement at the upper edge of the fork, weight position 500 mm from the rear of the fork. Important to note: please compare the information from different manufacturers with precisely this distance. Other presentations/values are not permitted pursuant to the standard and are therefore not comparable.
- Measured when the machine is straight or angled.
- The lift frame is in a horizontal position.



Tipping load in the bucket's center of gravity, machine straight or angled, lift frame at lowest position

The maximum load weight of a machine is known as the tipping load. This is reached when the rear wheels of the machine lose contact with the ground. The tipping load in the lowest position is measured as follows by Weidemann:

- Bucket: measurement at the bucket's center of gravity (not at the bucket's pivot point!).
- Measured when the machine is straight or angled.
- The lift frame is in its lowest position, and the bucket is curled into its maximum position.



Tipping load with pallet fork, machine straight or angled, transportation position

The maximum load weight of a machine is known as the tipping load. This is reached when the rear wheels of the machine lose contact with the ground. The tipping load in the transportation position is measured as follows by Weidemann:

- Pallet fork: measurement at the upper edge of the fork, 300 mm from the ground, weight position 500 mm from the rear of the fork. Important to note: please compare the information from different manufacturers with precisely these distances. Other presentations/values are not comparable!
- Measured when the machine is straight or angled.
- The lift frame is in a transportation position.

Specifications of wheel loader.

	2060	2090	3060	3090	4060	4080	5080
ENGINE DATA							
Engine manufacturer	Rehlko	Rehlko	Rehlko	Rehlko	Rehlko	Perkins	Perkins
Type of drive	KDI 1903 TCR	KDI 1903 TCR	KDI 2504 TCR	KDI 2504 TCR	KDI 2504 TCR	904J-E36TA	904J-E36TA
Cylinders	3	3	4	4	4	4	4
Max. engine output kW	42	50	48	55.4	55.4	74.4	100
Max. engine output HP	57	68	65	75	75	101.2	136
at max speed rpm	2,600	2,600	2,200	2,300	2,300	2,200	2,200
Capacity cm³	1,861	1,861	2,482	2,482	2,482	3,621	3,621
Type of coolant	Coolant/Water	Coolant/Water	Coolant/Water	Coolant/Water	Coolant/Water	Water	Water
Exhaust standard level	V	V	V	V	V	V	V
Exhaust after-treatment	DOC/DPF	DOC/DPF	DOC/DPF	DOC/DPF	DOC/DPF	DOC/DPF/SCR	DOC/DPF/SCR
WEIGHTS (pursuant to ISO standards 14397-1 and 2)							
Operating weight kg	3,720–4,230*	3,970–4,390*	5,280–5,760*	5,320–5,940*	5,760–6,080*	5,900	7,000
Lifting force (max.) daN	3,925	3,925	5,515	5,515	4,190	–	–
Tear out force (max.) daN	4,320	4,320	8,135	8,135	5,950	–	–
Tipping load in the bucket's center of gravity – machine straight, lift frame horizontal kg	2,910–3,510*	3,230–3,710*	3,350–3,770*	3,380–4,370*	3,220–3,450*	3,674	4,762
Tipping load in the bucket's center of gravity – machine angled, lift frame horizontal kg	2,550–3,070*	2,820–3,260*	2,830–3,200*	2,920–3,760*	2,760–2,960*	3,031	3,926
Tipping load in the bucket's center of gravity – machine straight, lift frame at lowest position kg	4,400–5,280*	4,890–5,620*	4,970–5,570*	5,010–6,660*	4,230–4,530*	–	–
Tipping load in the bucket's center of gravity – machine angled, lift frame at lowest position kg	3,860–4,630*	4,300–4,920*	4,230–4,760*	4,360–5,750*	3,640–3,900*	–	–
Tipping load with pallet fork – machine straight, lift frame horizontal kg	2,410–2,890*	2,660–3,060*	2,830–3,170*	2,850–3,600*	2,870–3,070*	3,344	4,254
Tipping load with pallet fork – machine angled, lift frame horizontal kg	2,110–2,530*	2,330–2,690*	2,410–2,710*	2,480–3,110*	2,480–2,650*	2,791	3,559
Tipping load with pallet fork – machine straight, transportation position kg	2,870–3,440*	3,180–3,660*	3,410–3,800*	3,430–4,430*	3,340–3,560*	–	–
Tipping load with pallet fork – machine angled, transportation position kg	2,520–3,020*	2,810–3,210*	2,910–3,260*	2,990–3,840*	2,890–3,090*	–	–
FILLING LEVELS							
Tank capacity for fuel l	80	80	80	80	80	105	105
Tank capacity for hydraulic oil l	32	32	32	32	32	95	95
DRIVE SYSTEM							
Type of drive	ecDrive	ecDrive	ecDrive	ecDrive	ecDrive	hydrostatic	hydrostatic
Traction drive	hydrostatic/drive shaft	hydrostatic/drive shaft	hydrostatic/drive shaft	hydrostatic/drive shaft	hydrostatic/drive shaft	Drive shaft	Drive shaft
Axle (optional)	PA 1200	PA 1200	PA 1422	PA 1422	PA 1422	PA 1422	PA 1422/2
Driving speed (optional) km/h	0–20 (30)	0–20 (30/40)	0–20 (30)	0–20 (30/40)	0–20 (30)	0–20 (30/40)	0–20 (30/40)
HYDRAULIC SYSTEM							
Hydraulic driving working pressure (max.) (optional) bar	500	500	500	500	500	455	455
Work hydraulics discharge volume (max.) (optional) l/min	59 (74.1)	85	74 (91)	93 (95–101)	77 (95)	100 (115–150)	100 (115–150)
Work hydraulics working pressure (max.) (optional) bar	235	235	235	235	235	210	210
NOISE CHARACTERISTIC VALUES							
Average sound power level LwA dB (A)	99.9	99.4	99.6	99.5	99.8	101.6	101.4
Guaranteed sound power level LwA dB (A)	101	101	101	101	101	103	103
Specified sound pressure level LpA dB (A)	69/70	70	73	71	71	74	74

* With optional standard components or standard equipment
DPF = diesel particulate filter

DOC = diesel oxidation catalyst
SCR = selective catalytic reduction

The current noise values can be found at www.weidemann.com

Due to the constant further development of exhaust emission standards, it may cause short-term changes to the engines. For current availability, please contact your Weidemann sales partner. More information can be found at www.weidemann.com

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Specifications of tele wheel loader.

	2060T	2090T	3060T	3090T	4060T	4080T	5080T	9580T	
									StandardOption
ENGINE DATA									
Engine manufacturer	Rehiko	Rehiko	Rehiko	Rehiko	Rehiko	Perkins	Perkins	Deutz	Deutz
Type of drive	KDI 1903 TCR	KDI 1903 TCR	KDI 2504 TCR	KDI 2504 TCR	KDI 2504 TCR	904J-E36TA	904J-E36TA	TCD 3.6 S5	TCD 4.1 S5
Cylinders	3	3	4	4	4	4	4	4	4
Max. engine output kW	42	50	48	55.4	55.4	74.4	100	100	115
Max. engine output HP	57	68	65	75	75	101.2	136	136	156
at max speed rpm	2,600	2,600	2,200	2,300	2,300	2,200	2,200	2,300	2,300
Capacity cm³	1,861	1,861	2,482	2,482	2,482	3,621	3,621	3,621	4,038
Type of coolant	Coolant/Water	Coolant/Water	Coolant/Water	Coolant/Water	Coolant/Water	Water	Water	Water/charge air	Water/charge air
Exhaust standard level	V	V	V	V	V	V	V	V	V
Exhaust after-treatment	DOC /DPF	DOC/DPF	DOC /DPF	DOC/DPF	DOC/DPF	DOC/DPF/SCR	DOC/DPF/SCR	DOC/DPF/SCR	DOC/DPF/SCR
WEIGHTS (pursuant to ISO standards 14397-1 and 2)									
Operating weight kg	4,460 – 4,770*	4,580 – 4,740*	5,110 – 5,650*	5,730 – 5,980*	5,830 – 6,050*	5,930	7,200	11,210	
Lifting force (max.) daN	4,255	4,255	4,620	4,620	4,645	–	–	–	
Tear out force (max.) daN	4,345	4,345	4,470	4,470	4,070	–	–	–	
Tipping load in the bucket's center of gravity – machine straight, lift frame horizontal kg	2,790 – 2,960*	2,980 – 3,060*	2,870 – 3,190*	3,450 – 3,610*	3,550 – 3,700*	3,291	4,365	6,594	
Tipping load in the bucket's center of gravity – machine angled, lift frame horizontal kg	2,430 – 2,600*	2,590 – 2,680*	2,500 – 2,790*	3,010 – 3,170*	3,100 – 3,230*	2,765	3,659	5,871	
Tipping load in the bucket's center of gravity – machine straight (extended) kg	1,590 – 1,670*	1,690 – 1,750*	1,540 – 1,750*	1,910 – 2,010*	1,980 – 2,080*	1,857	2,561	3,495	
Tipping load in the bucket's center of gravity – machine angled (extended) kg	1,360 – 1,450*	1,440 – 1,510*	1,320 – 1,510*	1,650 – 1,750*	1,710 – 1,800*	1,541	2,133	3,112	
Tipping load in the bucket's center of gravity – machine straight, lift frame at lowest position kg	3,600 – 3,800*	3,860 – 3,970*	3,860 – 4,300*	4,630 – 4,840*	4,750 – 4,930*	–	–	–	
Tipping load in the bucket's center of gravity – machine angled, lift frame at lowest position kg	3,150 – 3,350*	3,350 – 3,480*	3,380 – 3,790*	4,050 – 4,260*	4,150 – 4,320*	–	–	–	
Tipping load with pallet fork – machine straight, lift frame horizontal kg	2,220 – 2,350*	2,370 – 2,430*	2,610 – 2,890*	3,110 – 3,250*	3,280 – 3,410*	3,110	4,103	5,775	
Tipping load with pallet fork – machine angled, lift frame horizontal kg	1,940 – 2,070*	2,060 – 2,130*	2,290 – 2,540*	2,730 – 2,870*	2,880 – 2,990*	2,613	3,448	5,142	
Tipping load with pallet fork – machine straight (extended) kg	1,380 – 1,460*	1,470 – 1,520*	1,530 – 1,720*	1,870 – 1,960*	1,980 – 2,070*	1,873	2,560	3,265	
Tipping load with pallet fork – 0machine angled (extended) kg	1,190 – 1,270*	1,260 – 1,320*	1,330 – 1,500*	1,630 – 1,720*	1,730 – 1,810*	1,556	2,128	2,907	
Tipping load with pallet fork – machine straight, transportation position kg	2,630 – 2,780*	2,820 – 2,900*	3,060 – 3,400*	3,650 – 3,810*	3,890 – 4,040*	–	–	–	
Tipping load with pallet fork – machine angled, transportation position kg	2,300 – 2,450*	2,450 – 2,550*	2,690 – 3,010*	3,210 – 3,360*	3,420 – 3,550*	–	–	–	
FILLING LEVELS									
Tank capacity for fuel l	80	80	80	80	80	105	105	140	
Tank capacity for hydraulic oil l	32	32	32	32	32	95	95	125	
DRIVE SYSTEM									
Type of drive	ecDrive	ecDrive	ecDrive	ecDrive	ecDrive	hydrostatic	hydrostatic	hydrostatic	
Traction drive	hydrostatic/drive shaft	hydrostatic/drive shaft	hydrostatic/drive shaft	hydrostatic/drive shaft	hydrostatic/drive shaft	Drive shaft	Drive shaft	Drive shaft	
Axle (optional)	PA 1200	PA 1200	PA 1422	PA 1422	PA 1422	PA 1422	PA 1422/2	PA 1900	
Driving speed (optional) km/h	0 – 20 (30)	0 – 20 (30 / 40)	0 – 20 (30)	0 – 20 (30 / 40)	0 – 20 (30)	0 – 20 (30 / 40)	0 – 20 (30 / 40)	0 – 20 (30 / 40)	
HYDRAULIC SYSTEM									
Hydraulic driving working pressure (max.) (optional) bar	500	500	500	500	500	455	455	480	
Work hydraulics discharge volume (max.) (optional) l/min	74.1	85	78.2 (91)	93 (95 – 101)	86 (101)	100 (115 – 150)	100 (115 – 150)	150 (180)	
Work hydraulics working pressure (max.) (optional) bar	235	235	235	235	235	235	235	250	
NOISE CHARACTERISTIC VALUES									
Average sound power level LwA dB (A)	99.9	99.4	99.6	99.5	99.8	101.6	101.4	100.7	
Guaranteed sound power level LwA dB (A)	101	101	101	101	101	103	103	102	
Specified sound pressure level LpA dB (A)	69 / 70	70	73	71	71	74	74	70	

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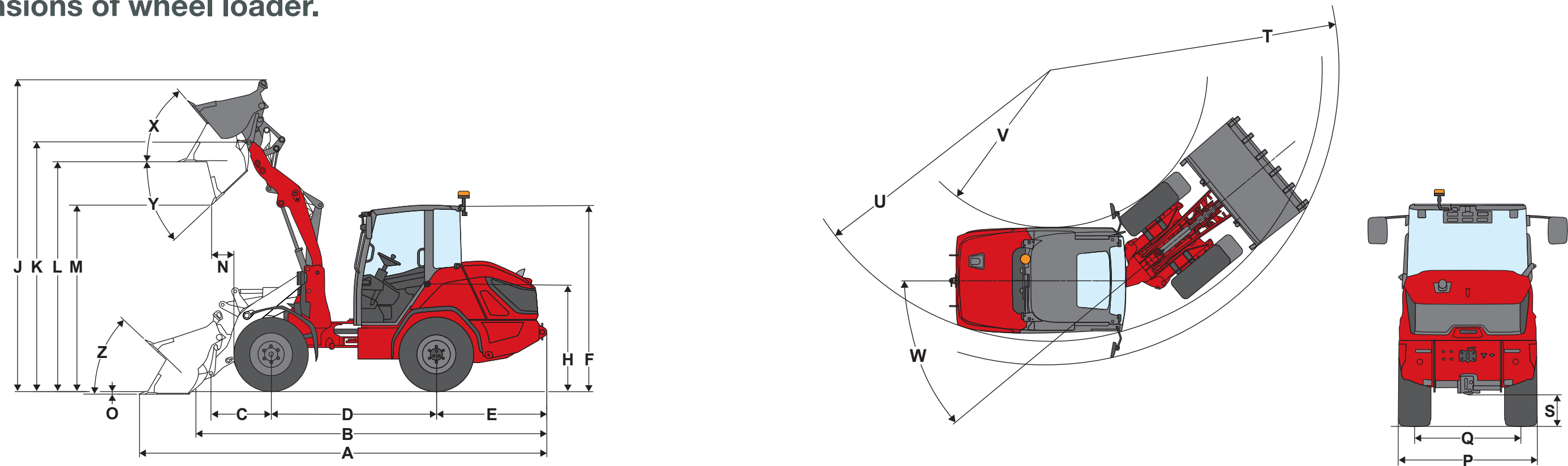
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* With optional standard components or standard equipment
DPF = diesel particulate filter

DOC = diesel oxidation catalyst
SCR = selective catalytic reduction

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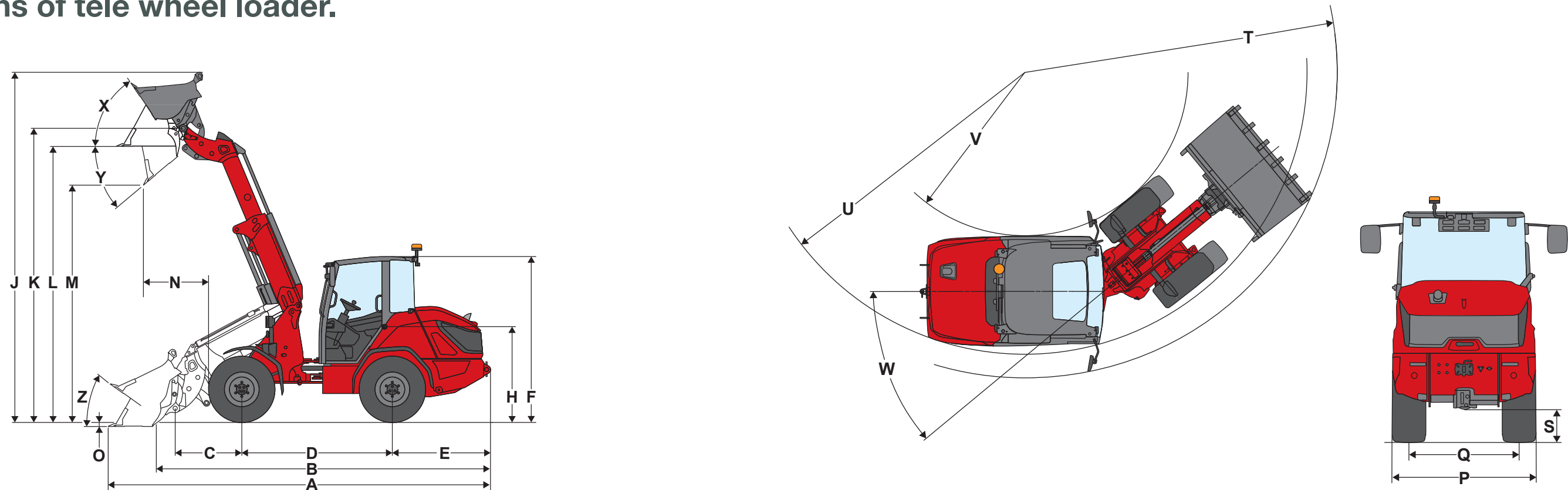
Dimensions of wheel loader.



	2060	2090	3060	3090	4060	4080	5080
DIMENSIONS							
Tires	365 / 70 R 18 BKT Multimax MP513 ET20	365 / 70 R 18 BKT Multimax MP513 ET20	365 / 70 R 18 BKT Multimax MP513 ET30	365 / 70 R 18 BKT Multimax MP513 ET-10	405 / 70 R 20 BKT Multimax MP513 ET30	12.5 – 20 BKT MP567 MPT ET0	550 / 45 – 22.5 Alliance 331 ET0
A Total length mm	5,295	5,295	5,590	5,590	6,115	5,800	5,800
B Total length without bucket mm	4,480	4,480	4,880	4,880	5,275	4,790	4,790
C Bucket pivot point (to center of axle) mm	785	785	1,120	1,120	1,530	990	990
D Wheel base mm	2,150	2,150	2,150	2,150	2,150	2,150	2,150
E Rear overhang mm	1,435	1,435	1,435	1,435	1,435	1,580	1,580
F Height with cab mm	2,425	2,485	2,485	2,545	2,535	2,680	2,690
F Height with low overhead guard mm	2,345	–	–	–	–	–	–
F Height with high overhead guard mm	2,425	–	–	–	–	–	–
H Seat height mm	1,400	1,460	1,460	1,520	1,510	1,560	1,570
J Total working height mm	4,065	4,065	4,215	4,215	4,580	4,560	4,580
K Bucket pivot point (max. lifting height) mm	3,240	3,240	3,395	3,395	3,700	3,670	3,690
L Load-over height mm	2,980	2,980	3,140	3,140	3,450	3,330	3,350
M Dumping height mm	2,415	2,415	2,590	2,590	2,815	2,860	2,880
N Range (with M) mm	290	290	820	820	1,065	870	850
O Digging depth mm	35	35	145	145	80	110	100
P Total width mm	1,520	1,520	1,720	1,800	1,770	1,827	1,984
Q Track width mm	1,160	1,160	1,360	1,440	1,360	1,422	1,449
S Ground clearance mm	345	345	335	335	390	361	375
T Maximum radius outside mm	4,125	4,125	4,385	4,385	4,645	4,055	4,135
U Radius on outer edge mm	3,850	3,850	3,935	3,975	3,990	3,683	3,683
V Inner radius mm	2,225	2,225	2,125	2,085	2,100	1,702	1,599
W Articulation angle °	40	40	40	40	40	45	45
X Rollback angle at max. lifting height °	50	50	65	65	63	38	38
Y Dump angle at max. lifting height °	44	44	45	45	45	28	28
Z Rollback angle on bottom °	43	43	45	45	47	46	46

All values with the standard bucket.

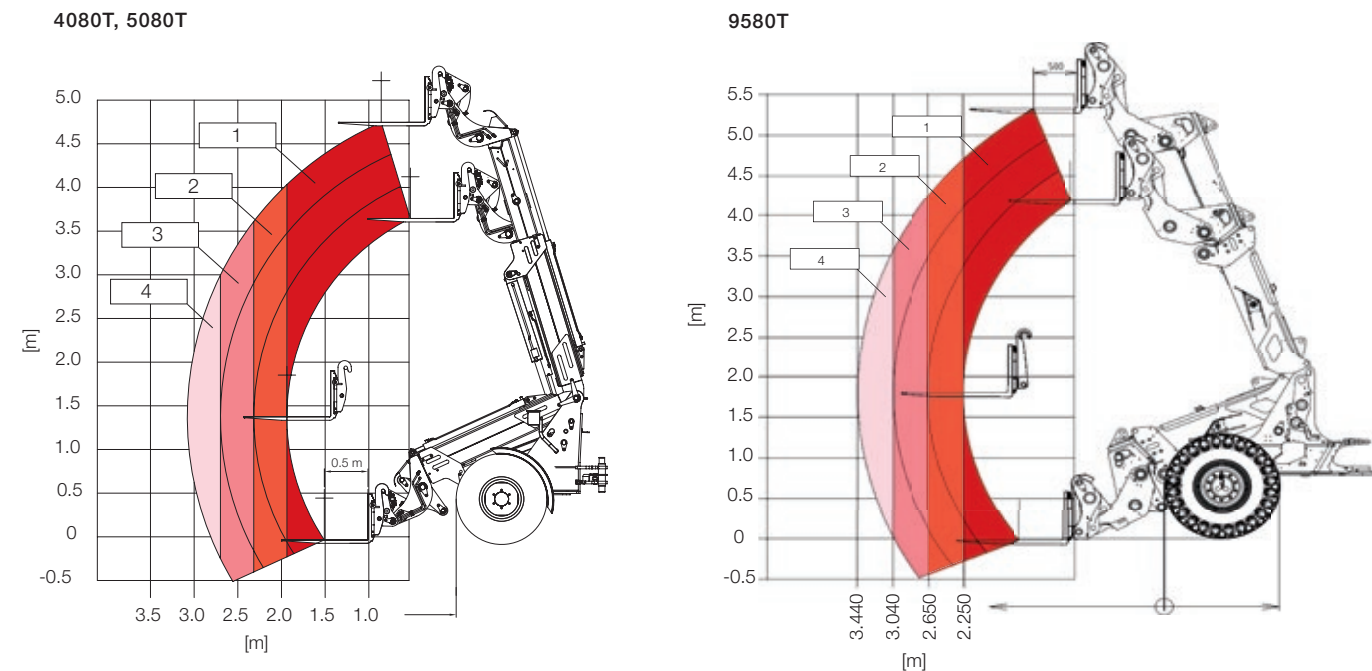
Dimensions of tele wheel loader.



	2060T	2090T	3060T	3090T	4060T	4080T	5080T	9580T
DIMENSIONS								
Tires	365 / 70 R 18 BKT Multimax MP513 ET20	365 / 70 R 18 BKT Multimax MP513 ET20	365 / 70 R 18 BKT Multimax MP513 ET30	365 / 70 R 18 BKT Multimax MP513 ET-10	405 / 70 R 20 BKT Multimax MP513 ET30	12.5 – 20 BKT MP567 MPT ET0	550 / 45 – 22.5 Alliance 331 ET0	500 / 70 R 24 Trelleborg TH500 ET40
A Total length mm	5,590	5,590	6,030	6,030	6,120	6,100	6,200	6,960
B Total length without bucket mm	4,780	4,780	5,160	5,160	5,140	5,230	5,230	6,090
C Bucket pivot point (to center of axle) mm	975	975	1,210	1,210	1,210	1,250	1,250	1,440
D Wheel base mm	2,200	2,200	2,325	2,325	2,325	2,190	2,190	2,900
E Rear overhang mm	1,435	1,435	1,435	1,435	1,435	1,580	1,580	1,520
F Height with cab mm	2,425	2,485	2,485	2,545	2,535	2,680	2,690	3,110
F Height with low overhead guard mm	2,345	–	–	–	–	–	–	–
F Height with high overhead guard mm	2,425	–	–	–	–	–	–	–
H Seat height mm	1,400	1,460	1,460	1,520	1,510	1,603	1,620	1,940
J Total working height mm	5,155	5,155	5,875	5,875	5,970	5,860	5,890	6,500
K Bucket pivot point (max. lifting height) mm	4,300	4,300	4,985	4,985	5,040	5,080	5,090	5,480
L Load-over height mm	4,035	4,035	4,695	4,695	4,745	4,720	4,720	5,210
M Dumping height mm	3,470	3,470	4,085	4,085	4,080	4,220	4,090	4,580
N Range (with M) mm	955	955	960	960	975	840	800	1,300
O Digging depth mm	60	60	110	110	60	60	60	130
P Total width mm	1,520	1,520	1,720	1,800	1,770	1,747	1,972	2,390
Q Track width mm	1,160	1,160	1,360	1,440	1,360	1,422	1,422	1,820
S Ground clearance mm	345	345	335	335	390	360	380	502
T Maximum radius outside mm	4,260	4,295	4,585	4,675	4,650	4,400	4,470	5,770
U Radius on outer edge mm	3,850	3,925	3,935	4,235	3,990	3,930	3,930	4,900
V Inner radius mm	2,225	2,285	2,125	2,295	2,100	1,950	1,850	2,450
W Articulation angle °	40	40	40	40	40	42	42	40
X Rollback angle at max. lifting height °	56	56	56	56	56	40	37	50
Y Dump angle at max. lifting height °	40	40	40	40	40	31	36	40
Z Rollback angle on bottom °	36	36	39	39	39	36	36	40

All values with the standard bucket.

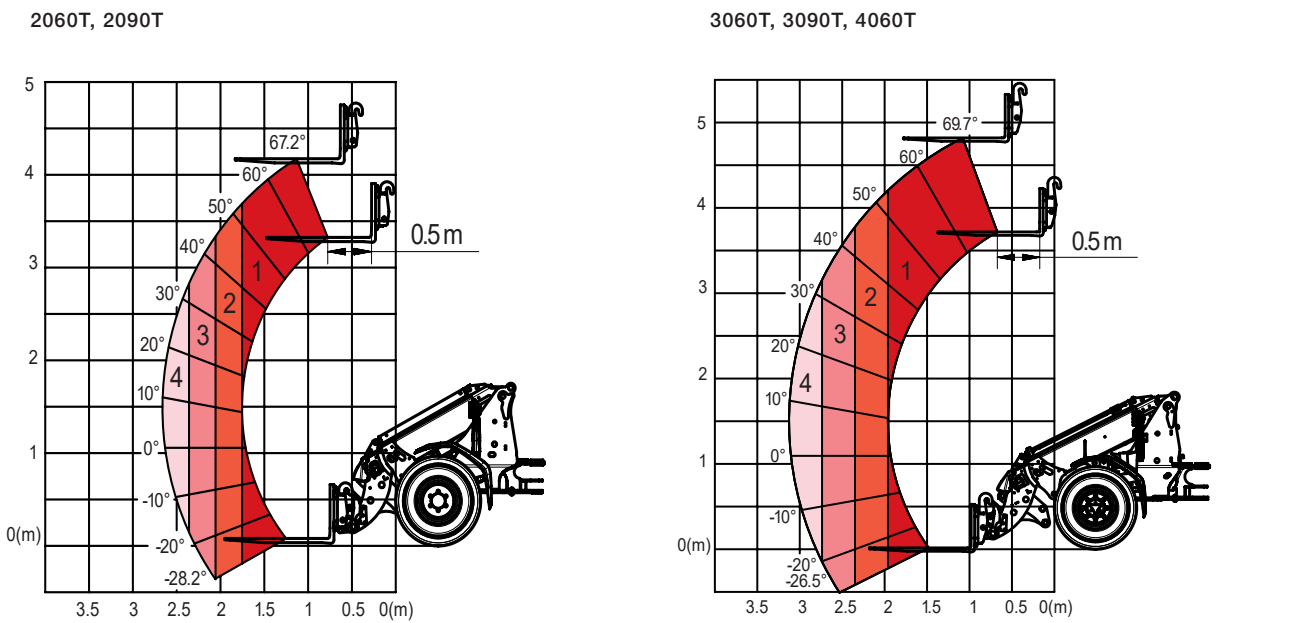
Load-bearing capacity diagrams.



LOAD-BEARING CAPACITY		4080T		5080T		9580T	
kg		s = 1.25	s = 1.67	s = 1.25	s = 1.67	s = 1.25	s = 1.67
1		2,320	1,740	2,760	2,070	4,100	3,050
2		2,000	1,500	2,390	1,790	3,400	2,550
3		1,480	1,110	1,900	1,430	2,900	2,150
4		1,320	990	1,700	1,280	2,450	1,850

Machine max. angled, standard tires
Load center of gravity 500 mm from the rear of the fork

Uneven terrain: safety factor (60%) = 1.67
Even terrain: safety factor (80%) = 1.25

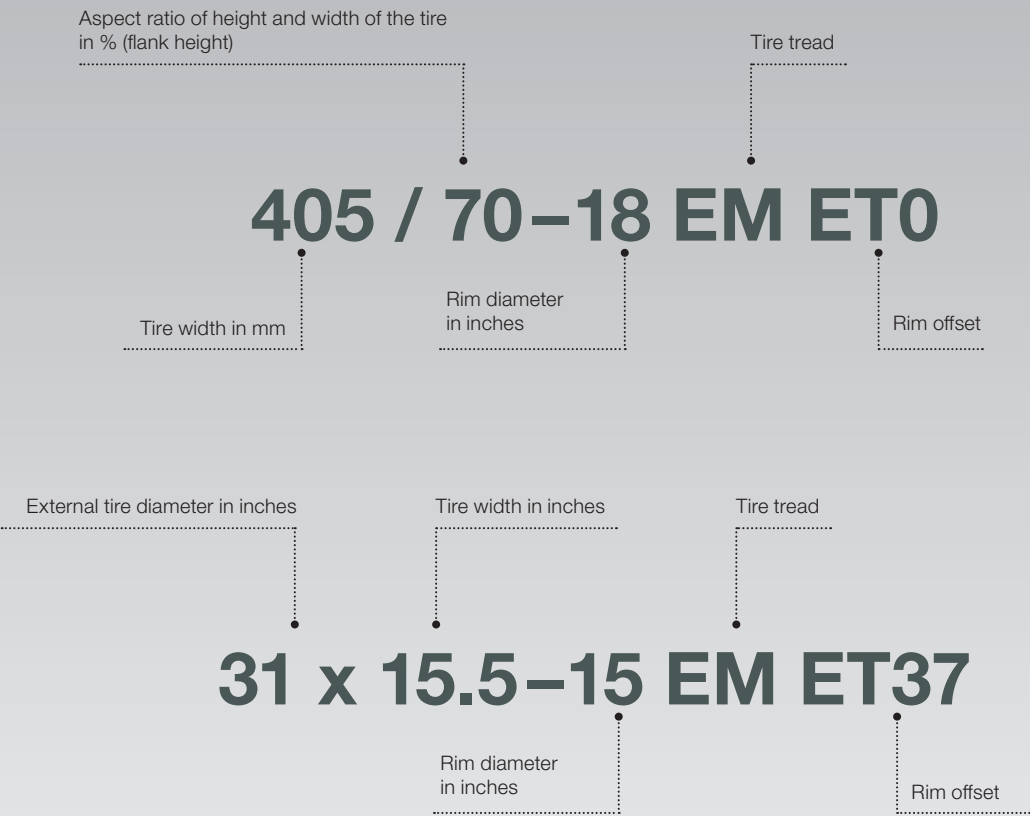


LOAD-BEARING CAPACITY		2060T / 2090T		3060T / 3090T		4060T	
kg		s = 1.25	s = 1.67	s = 1.25	s = 1.67	s = 1.25	s = 1.67
1		1,550	1,160	1,830	1,370	2,300	1,730
2		1,300	980	1,500	1,130	1,910	1,430
3		1,110	830	1,260	940	1,620	1,210
4		950	710	1,060	800	1,380	1,040



Tire descriptors.

At first glance, tire descriptors look rather cryptic - they are generally made up of schematic information. What this has to do with the offset and what the figures and letters within the descriptor represent is explained in the following examples.



Offset explanation:
The internal side of the rim is on the left, the external side of the rim is on the right, and the dotted line shows the axles.

- **ET30** = Where a narrow tire with a positive offset is selected, the tire does not widen the entire width of the machine. This is suitable if the machine needs to fit down narrow passageways.
- **ET0** = A compromise of narrow machine width and good stability.
- **ET-30** = Where a tire with a negative offset is selected, the tire does not widen the entire width of the machine. A wide tire and contact area increases stability.

You can find out more on which tires are available for which machine at www.weidemann.com

Tire treads.

EM tread
Thanks to the almost parallel lamellas, the EM tread is particularly well suited for loose ground such as sand, soil or gravel. This tire type achieves a large contact area, therefore creating a large transfer of pushing power and runs very smoothly on the road.

AS tread
The tapered lamellas provide safe driving, especially on greasy and heavily soiled terrain.

SureTrax tread
The SureTrax treat is characterized by a large contact area and a high load-bearing capacity. Ideally suited to paved and other hard surfaces.

RP tread
The ground is not disturbed due to the large contact surface. As a result, the RP tread is particularly good for use on areas laid to lawn.

MPT tread
The MPT tread offers the perfect combination of good traction on uneven terrain and fast road crossings.

Multi-use
The multi-use tread is specially designed for year-round use and various climate conditions. In summer, it provides good traction on loose surfaces. In winter, it offers stability on snow and slippery driving surfaces.

Vibration characteristic values.

Typical operating conditions	Mean value			Standard deviation (s)		
	$1.4 \cdot a_{w,eqx}$ [m/s ²]	$1.4 \cdot a_{w,eqy}$ [m/s ²]	$a_{w,eqz}$ [m/s ²]	$1.4 \cdot s_x$ [m/s ²]	$1.4 \cdot s_y$ [m/s ²]	s_z [m/s ²]
VIBRATIONS						
TYPE OF LOADING						
Compact wheel loader (operating weight < 4,500 kg)						
Wheel loader (operating weight > 4,500 kg)						
Load and carry (load and transport work)	0.94	0.86	0.65	0.27	0.29	0.13
Load and carry (load and transport work)	0.84	0.81	0.52	0.23	0.20	0.14
Application in recovery (harsh application conditions)	1.27	0.79	0.81	0.47	0.31	0.47
Delivery drive	0.76	0.91	0.29	0.33	0.35	0.17
V-operation	0.99	0.84	0.54	0.29	0.32	0.14

- Whole-body vibrations:**

 - Each machine is equipped with an operator's seat that meets the requirements of EN ISO 7096:2000.
 - When the loader is properly used, whole body vibration varies from below 0.5 m/s² up to a short-term maximum value.
 - To calculate the vibration values according to ISO/TR 25398:2006, it is recommended to use the values specified
- in the table. The actual application conditions are to be considered.

 - Like wheel loaders, telehandlers are to be classified according to operating weight.

Hand-arm vibrations:

 - The hand-arm vibrations are no more than 2.5 m/s².



WEIDEMANN

designed for work

Weidemann – a tradition of efficiency.

For decades, our mission has been to lighten the load of commercial agriculture by the mechanization of stable and yard operations. This led to the development of the Hoftrac®, which to date has become an aid that cannot be done away with in operation – the original comes from Weidemann. The close co-operation between the Weidemann developers and our end users has repeatedly led to innovative concepts and a sophisticated product program with high usability and mature

technology.

We stand by this and continue to pursue our chosen path. Our customers benefit from high productivity, investment security and have a strong partner in Weidemann, who is always at their side.

Our machines and services perform at a high level and bring daily pleasure through their work operation. Made precisely for this. Weidemann – designed for work.



Weidemann – your strong partner.

All-round care.



Comprehensive dealer network.

Weidemann has a wide network of select dealers in Germany and Europe. Each dealer is part of a well-organized system. In addition to consulting and selling new machines, our dealers are happy to provide you with reliable customer service and supply you with spare parts. Weidemann offers regular training for dealers so that your contact partners are always up to date.



Attractive financing program.

In Germany, Weidemann offers attractive options for financing or leasing machines thanks to various framework agreements. Weidemann distributors also offer various financing options at the international level. Get in touch with your local contact person to find out more about current conditions.



Personal training and instruction.

When you decide to purchase a Weidemann machine, you will not be left in the dark. When the machine is handed over, you and your entire team will receive detailed instructions on the operation and maintenance of the machine. If you would like to know more, simply contact your dealer. He or she is just around the corner and will be happy to help without bureaucracy.



Speed is of the essence in the spare parts industry.

As our Weidemann machines are generally needed in the day-to-day operation, your machine must be repaired as quickly as possible, where needed. To achieve this, Weidemann has a central spare parts warehouse, providing specialist dealers with an electronic 24-hr order service and supply within 24 hours within Europe. Many of our dealers also have their own good range of spare parts and maintenance items warehoused so that the most common parts are available on site.



WEIDEMANN

designed for work

The Weidemann product range.



The multi-functional farm loader.
Powerful Weidemann Hoftracs® for every application purpose.



The powerful wheel loader.
Available either with loading arm or telescopic boom.



The compact telehandler.
Aim high with optimal stability.



Attachments and tires.
Your Weidemann machine becomes a multi-tool! The optimal attachment and the right tires for every task.



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Weidemann GmbH

Elfringhäuser Weg 24
34497 Korbach
Germany
Tel. +49(0)5631 50 16 94 0
Fax +49(0)5631 50 16 94 666
info@weidemann.de
www.weidemann.com