Wheel loader
Telescopic wheel loaders

WEIDEMANN
designed for work

The powerful wheel loader.

Available either with load arm or telescopic arm.

An essential part of your operation.

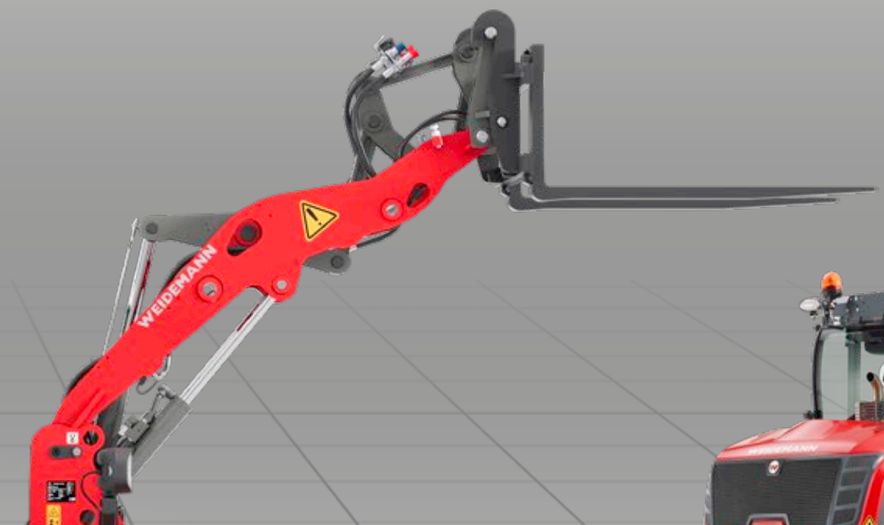
The articulated Weidemann wheel loaders and telescopic wheel loaders make each and every working application significantly more productive as a result of their manoeuvrability and lifting force. In addition to a high level of functionality, great working comfort and excellent safety standards, they have a great deal of strength and endurance. The finely graduated output classes of the Weidemann wheel loader and telescopic wheel loader series provide the right solution for any application.

Wheel loaders – optionally available with load arm or telescopic arm.

Strong lifting forces and ergonomic working.

A feel-good working area.

Efficient change of attachments.



Road capability with articulated pendulum joint.

A high degree of serviceability with the laterally tiltable cab.

The powder coating provides excellent corrosion resistance.

Economic efficiency that's worth it.

Exhaust emission standard, engine technology and HVO.

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

While implementing the current emission directive to reduce exhaust emissions and pollutants, it is important that there be no compromise with regard to performance, service life or economic efficiency of the machines, despite stricter regulations. To implement this directive, Weidemann installs the latest engine technologies, which are equipped with various exhaust after-treatment systems.

Since the start of 2024, all Weidemann diesel machines are “HVO ready” and are filled with HVO (hydrotreated vegetable oil) when delivered.

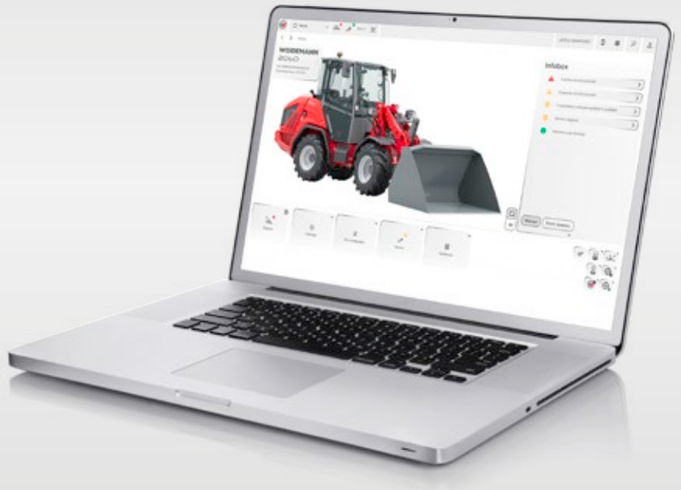
Benefits of HVO:

- Environmentally-friendly and forward-thinking.
- Reduction in CO_2 emissions by around 90% when compared with diesel.
- Reduction in particulate matter and emissions.
- The same performance as your traditional diesel.
- Weidemann machine can be operated with either 100% HVO, a mixture of HVO and diesel or still entirely with diesel.

The Weidemann diagnostics and analysis systems.

wedias

EQUIP INSPECTOR



With the help of the Weidemann diagnostics and analysis systems wedias and Equip Inspector, many functions, including the operating function, 3rd and 4th control circuits, the engine data and electrical functions, can be quickly and easily analysed. Error messages on the display immediately notify the operator of possible 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.

Simply stay better informed.

EQUIPCARE

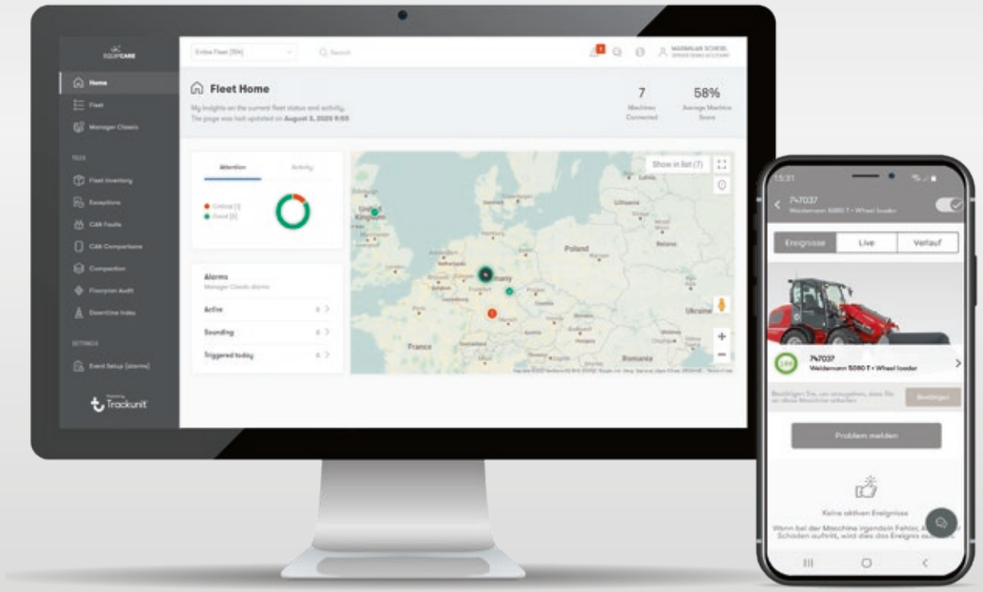
A modern approach to fleet management presents a good foundation for successful and economically beneficial application of working machinery within your operation. With our telematic solution Weidemann EquipCare you can always keep an eye on your machine(s) and know the specifics of their status, availability and use.

The comfortable and location-independent use is safeguarded via the EquipCare Manager (PC, laptop) and the EquipCare app (mobile end device).

All CAN-bus-able Weidemann machines are already equipped with the EquipCare module ex works. You will receive your access data promptly prior to the delivery of your ordered machine. However, if you would like to equip your existing machine with EquipCare, our sales partner will gladly retrofit it for you.

EquipCare provides you with the following benefits:

- Precise information on the operating data of your machine (e.g. operating hours, engine output, travel speed, routes, etc.).
- Machine status (e.g. temperatures in the engine, cooling and hydraulics, etc.).
- Fill-levels of the machine (e.g. fuel, hydraulic oil, coolant, etc.).
- Improved service management with specific planning of notifications for maintenance, faults and repairs.
- Achieve less downtime with remote diagnosis as the service partner already has a multitude of information without having investigated the machine on site.
- Simple development of guarantee cases as the cause of damage can be more easily identified.
- Protection against theft of the machine through geo-fencing and constant identification of location in real time. For some insurers, this presents better conditions due to the tracking option.
- Improved machine running time and service life thanks to proactive communication.
- Higher resale value of used machines.
- Compatibility with apps from other manufacturers possible: As a result, you can develop fleet management for your entire fleet.



ecDrive (Electronic Controlled Drive).

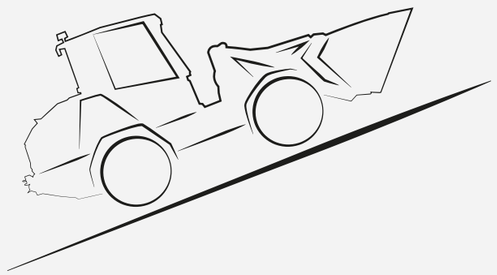
Electronic controlled drive system.

Smarter driving and working! With the new electronic controlled drive system ecDrive (Electronic Controlled Drive), the machine can be driven and used needs-based. The electronic control reduces loss in the drive system and ensures a higher degree of efficiency when compared with the existing solutions. Less power requirement enables operation with low rpms.

Auto Mode and Eco Mode are always available as standard. Either the Attachment Mode or the M-Drive Mode can be selected. This provides maximum flexibility as the machine can be configured according to individual needs.

- **Auto Mode:**
  Auto Mode ensures the usual 100% performance of the machine. Full power and performance are available at any time.
- **Eco Mode:**
  In Eco Mode the rpm is reduced after the desired vehicle travel speed is reached; this means that both a reduction in noise and a fuel-saving can be made. Eco Mode enables comfortable and resource-conserving operation, above all on long journeys.
- **Attachment Mode:**
  This mode perfectly supports the application of hydraulic attachments. In Attachment Mode the machine's diesel engine and the attachment are always optimally utilised to capacity. In this mode the machine controls the travel speed itself load-dependent. This ensures maximum productivity and the best-possible work result. The operator is relieved and can work focussed with the machine for a long time.
- **M-Drive Mode:**
  M-Drive Mode is the equivalent of an accelerator pedal mode. As a result, the rpm of a diesel engine is set using the hand throttle and the accelerator pedal becomes the accelerator. In M-Drive Mode the desired rpm always fits and as a result, inching is superfluous. This enables comfortable working with hydraulically operated attachments, just like the efficient handling of materials with very short routes.

The electronic controlled drive ecDrive (Electronic Controlled Drive) and the electric parking brake are available for 2060, 2060T, 3060, 3060T, 4060 and 4060T.



Electric parking brake.
The electric parking brake is activated when the brake pedal is engaged or the operator leaves their seat. The hold-function prevents the machine from rolling away unintentionally. The electric parking brake is disengaged when the accelerator is engaged. Naturally, the brake can likewise be manually activated and deactivated by operating a switch. It provides maximum safety and comfort for both the operator and their working environment. The machine can therefore be very efficiently operated using the electric parking brake.

Power Drive.

Variable hydrostatic transmission.

- The Power Drive drive system is a variable hydrostatic transmission which achieves higher traction drive and travel speeds than solutions developed to date. This occurs while maintaining all the benefits of the previous drive systems in relation to compactness, energy efficiency and operator comfort.
- Speeds of up to 40 km/h can be achieved using Power Drive without the need to change gear or mode. This provides a comfortable driving style as there are no interruptions in the traction.
- The Power Drive transmission is available for the telescopic wheel loader 9580T.

Lowering Assistant.

Semi-automated driver assistance system.

- The Lowering Assistant is a semi-automated driver assistance system, which automatically retracts the boom when lowering. This increases the level of safety when working with the machine, as the load is always maintained close to the vehicle and the machine does not enter the overload range.
- The driver assistance system Lowering Assistant enables efficient load cycles and makes it easier for the operator to operate.
- The Lowering Assistant can also be switched off when required if, for example, precision work is necessitated when stacking bales.
- The system is available for all telescopic wheel loaders.

The basic Weidemann virtues.

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

Large machines with a high level of manoeuvrability.
Even big machines sometimes encounter small spaces (e.g. if operations are to be done in stables and storage facilities). Our models feature a load arm and telescopic arm with small radii and optimal manoeuvrability.

A multi-tool for various applications.
The work tasks within an operation are diverse, the attachments from Weidemann are too. With our comprehensive and well-thought-out attachment range, you can turn any model into a multi-functional all-rounder. You can find more about this on pages 24–27.

Maximum traction due to the articulated pendulum joint.
With the articulated pendulum joint, all four wheels maintain ground contact, even on uneven terrain. This increases the machine's productivity and provides the operator with optimal control. Front and rear carriages can be oscillated independently of one another. This way the operator can react with precision to any imperfection. This increases comfort and creates a safe driving experience.

Variety in the outfitting.
The Weidemann machines feature comprehensive and high-quality standard equipment. Depending on application and model e.g. engine, drive, operator's cab and hydraulics can be individually configured. It is always guaranteed that the machine will meet individual demands and preferences.

Efficient change of attachments.
Thanks to the hydraulic quickhitch system, attachments can be comfortably and quickly exchanged. A good view of the quickhitch plate makes the changeover of of attachments particularly easy. With the 2-hand operation when uncoupling, changing over the attachments is expressly safe and the machine is immediately ready to use again.

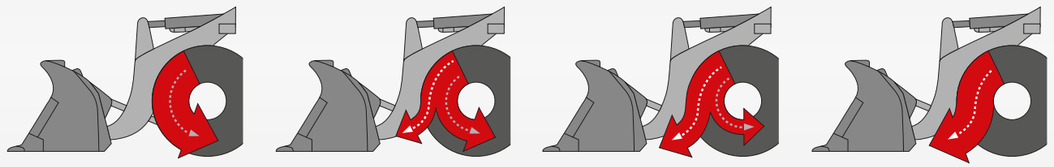
Economic efficiency that's worth it.

Efficient work operation thanks to reliable technology.

Work economically.
Economic efficiency is one of the most important features that machines should bring to efficient application. The faster and more time-saving a machine manoeuvres, the higher its work performance. For Weidemann machines, economic efficiency means technically sophisticated solutions, such as powerful drive, strong ripping forces, efficient kinematics, great manoeuvrability and excellent stability.

Connectible 100% differential lock.
When compared with a self-locking differential, the connectible 100% differential lock ensures maximum traction and thrusting power where needed and reduces the tyre wear. This increases the machine's efficiency. In a normal drive system, the differential lock is switched off, this provides safety, low tyre wear and therefore saves operating costs.

The inch-brake pedal.



1. No pressure on the inch-brake pedal: Full power for the drive system.
2. Slight pressure on the inch-brake pedal: Speed is reduced, more power into the work hydraulics.
3. More pressure on the inch-brake pedal: The pace is reduced further, even more power into the work hydraulics.
4. Inch-brake pedal is fully engaged: The machine is stationary, full power into the work hydraulics.

Inch-brake pedal benefits: Less wear of the service brake, as well as optimal performance distribution of the engine output.

High hydraulic performance.
A Weidemann machine has sufficient hydraulic performance and is therefore suitable for the operation of many different attachments. The flexible combination of machine and a number of hydraulically powered attachments covers a number of work tasks. Machines with a high hydraulic output save money as it is not necessary to change over to a larger machine.

Perfectly coordinated kinematics.
The kinematics are adapted to the size of the machine depending on the application for Weidemanns. This guarantees the optimal balance of power and maximum productivity for any machine.

The large designed hydraulic cylinders always provide enough reserves and the components of the loader unit are not operated at maximum. This increases the service life of the machine.

Operator’s cab and maintenance.

Smart solutions for all operating conditions.

Cabin wheel loaders and telescopic wheel loaders.
The Weidemann machines of the 80 series are equipped with a cab as standard. The spacious cabs feature considerable freedom of movement. It also fulfils the current European Machine Directive (2006/42/EC) on ROPS and FOPS protection. Thanks to the complete glazing, the operator has an excellent overview of the attachments and the entire working area.

Very good service access through the tiltable cabin.
The wheel loader and telescopic wheel loader of the 80 series (2080-5080) are equipped with a tiltable cab. This allows easy access to the engine, hydraulic system and electrics. This facilitates inspection and maintenance of the machine. The engine hood can also be opened upwards widely, thereby allowing for optimal access.

Optimum ease of servicing.
The 9580T is the largest model in the Weidemann range and has easily accessible service panels and removable mud guards. This allows easy access to the engine, hydraulic system and electrics. This facilitates inspection and maintenance of the machine. Even the engine hood can be opened upwards widely, thereby allowing for optimal access.

60 series: Operator’s cab.
An operator’s canopy (low/high option) is installed for the models 2060 and 2060T, and a cabin is optionally available. A comfortable cabin is installed as standard for the models 3060, 3060T, 4060 and 4060T. As with all Weidemann operator platforms, the 6-series also complies with the European Machine Directive (2006/42/EC) on ROPS/FOPS protection.

60-series: Service access right.
A service panel can be found in an easily accessible position on the right-hand side of the machine. The fuses and the air filter for the cabin are easily accessible via here.

60-series: Front carriage service access.
The machine has optimised hydraulic hose routing and the control valve is integrated into the front carriage of the machine. This is easily accessible via a maintenance cover. The optimised arrangement reduces the development of noise and heat within the cabin and in the event of a service it provides ideal access.

60-series: Transversely installed engine for optimal service accessibility.
The engine is transversely installed and the components are ideally arranged, all maintenance points can be ergonomically reached. As a result, the ease of servicing the machine is huge. The engine bonnet can be opened in one movement for regular service and maintenance works. This way, the most important maintenance components in the tail of the machine are easily accessible: Oil dipper stick, hydraulic oil tank, windscreen wash container, coolant and the engine air filter.

Central lubrication unit.
With the optional fully-automatic lubrication system, machine lubrication is both comfortable and automatic. This results in a clear saving in time and increases the service life of the machine, while increasing the value retention.

Through quick and easy maintenance, the machine’s availability is maximised and the operating costs are optimised.

High level of operating and driving comfort.

Optimal visibility and good working environment.

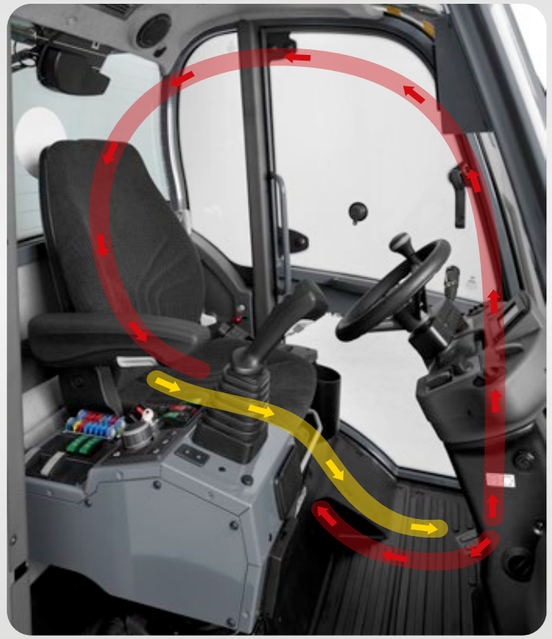
Colour-oriented operating concept.
The sophisticated Weidemann operating philosophy and the colour-oriented operating concept provide the operator with intuitive operation of the machine. The switch and control elements are classified by colour into different groups: Grey = Electrics, Red = Safety, Blue/Orange = Drive system, Green = Hydraulics. Quick ascertainability and orientation are therefore guaranteed at any time.

30/40 km/h travel speed.
Depending on the model, speeds between 30 and 40 km/h can be reached with the corresponding engine. This enables the quick implementation of the machine from A to B with a corresponding time-saving and therefore increases productivity. More information can be found on page 34-37.

Good all-round visibility and lighting.
The full-glazed cabin provides an excellent overview of the attachments, the immediate working area, and the entire machine surroundings. The lighting can be adapted to different requirements. There are different lighting packages available depending on the model. Good illumination of the working area increases work safety and allows the operator to work with concentration for a longer period of time and to work safely with the machine.

Adjustable operator's seat.
The joystick console including armrest forms a unit with the operator's seat and is adjustable (not for 60-series). The operator's seat is adjustable, ergonomically formed, and well suspended. The optionally available air-sprung comfort seat provides for fatigue-free work. A heated seat is available for the winter.

Ventilation as required.
The cabs of the 80-series possess large, wide-opening doors on both sides. The upper window can open completely and be locked. A gap ventilation is also possible.



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

A motivating working area.

Ergonomically arranged operating controls
and simple handling.

Ergonomic joystick.
The joystick lies securely and comfortably in your hand. Control is therefore direct and sensitive at the same time. The operator therefore always has the machine and the most important functions under control.

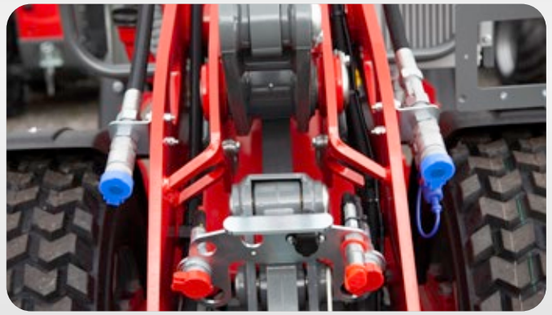
Alongside the standard functions, like travel direction and speed level, many other functions, like the differential lock, 3rd control circuit and many electrical functions can be operated via the joystick, depending on the model. As a result, it is possible to comfortably operate attachments with one hand.

Jog Dial control element.
The Jog Dial control element enables the operation and selection of different machine parameters and functions via the display: for example, setting the boom dampening, selecting the operating hours and machine information or maintaining service intervals. The Jog Dial positioned to be easily accessible by the operator within the working area.

If necessary, the Jog Dial control element can be used to manually set the flow rate of the hydraulic oil. This is advantageous if the machine is operating a hydraulic attachment that does not require the full hydraulic performance of the machine. The operator can therefore work precisely and in a resource-saving manner with the machine and attachment.

The Jog Dial control element is available for 4080, 4080T, 5080, 5080T and 9580T.

Adjustable steering wheel/steering column.
The steering wheel and column can be individually set, depending on the model, in height and incline within a great range. This makes it possible for every operator to work very ergonomically with the settings right for them.



High Flow.
Depending on the model, the machine can be optionally equipped with High Flow high-performance hydraulics. This enables the operation of front attachments demanding a lot of oil (like a snow blower). As a result, the application range of the machine is expanded.

Pressure relief on the loader unit.
The button for pressure relief is easily accessible on the boom or the telescopic arm. Hydraulically operated attachments can therefore be replaced faster and more efficiently. This also works when the engine is running.

Vibration-damped working area.
Vibrations and impacts are absorbed by the machine through corresponding dampeners. The operator's body is very well protected, which means they can work longer with the machine while concentrating.

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

Next Level!

The sturdy 60-series wheel loaders and telescopic wheel loaders.

The following features characterise the machines of the 60-series:

- Simple standard equipment, powerful base model machine and good option range.
- Comfort cabin with excellent ergonomics and all-round visibility.
- Easy entry and exit.
- Electronic controlled drive system ecDrive with different operating modes.
- Electric parking brake.
- Sturdy central joint with optimised hosing.
- Very good maintenance accessibility: transversely installed engine and optimised organisation of components.
- Ideal entry level series: matured technology and a strong price-performance ration.
- Modern machine design.

Sturdy central joint with optimised hosing.

- The central joint is designed to be even more sturdy and stable and the front carriage ad rear carriage are connected with one another at two points. This increases stability and therefore the durability of the machine.
- The high wear-resistant hydraulic hoses are guided through the central joint and are optimally protected. This significantly reduces the risk of chafe marks and the need to replace the hydraulic hoses significantly.

Comfortable and ergonomic cabin.

- The comfort cab has been optimised to the operators' needs, enabling safe, fatigue-free working: Large provision of space, more storage options and a wider entry.
- The 4-pillar design, deep-drawn windows and the panoramic rear windscreen ensure optimal all-round visibility.
- The heater with optimised air circulation and optional air-conditioning system enable consistently comfortable temperatures. The ergonomically arranged control elements, appealing interior and reduced vibrations and noises inside increase the operator's level of comfort.

Transversely installed engine.

- The engine is transversely installed and the components are optimally arranged within the engine bay. This improves the airflow under the bonnet and ensures increased cooling efficiency. Furthermore, the slope angle increases and as a result, the machine's off-road capability.
- The engine is characterised by low fuel consumption, low noise emissions and compact dimensions. It also has high torque, which overall increases the machine's performance.
- As a result of the flat, sloping engine bonnet shape, the view to the rear is clearly improved, which again increases the level of safety when working with the machine.

The 60-series has been awarded with:

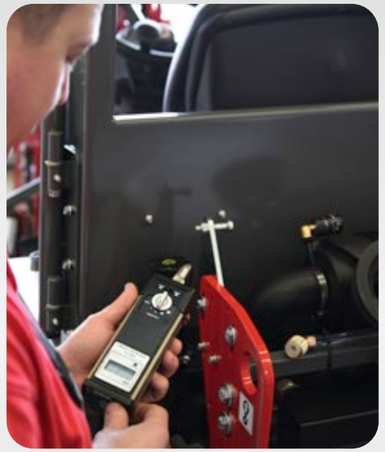
GERMAN DESIGN AWARD WINNER 2025

Our quality promise.

Weidemann “Made in Germany”.

At Weidemann, quality is not an empty promise, but a day-to-day reality. 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 optimised 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, powder-coating 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 different standards:

DIN EN ISO 9001 Quality management
Our processes are designed in such a way that our product and service quality fulfils both the customer requirements and the requirements of the laws and standards.

DIN EN ISO 14001 Environmental management
Our processes and activities are interdependent on the environment. They are displayed in a management system and subject to constant examination and improvement.

DIN EN ISO 50001 Energy management
Determination of energy consumption within the Weidemann organisation is continuously recorded and constantly optimised through a company-wide energy efficiency system.

Weidemann wheel loader.

Performance cannot be any more convincing.

Your Weidemann telescopic wheel loader.

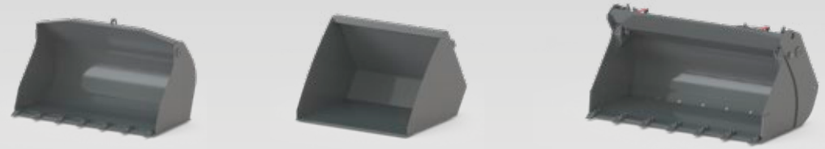
Unbeatable in daily application.

The optimal attachment for every task.

Your machine becomes a multi-tool.

Only the right attachment makes our machines into true problem solvers for your respective work task. With the richly varied and well-thought-out product range, our machines become highly functional multi-tools that meet any application. Here you can see a selection of attachments and activities, which can be easily completed using them.

Material Handling



Gripping

Grab fork

Stacking and Transporting

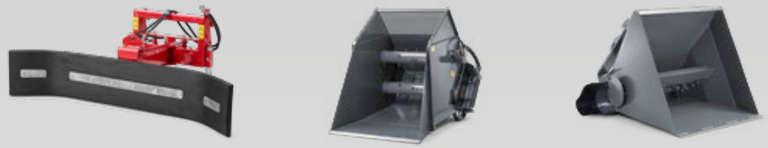
Cleaning

Mowing and mulching

Trimming trees and hedges

Winter services

Feed handling



Bale handling

Stable work

Silage handling

Equestrian business

You can find all ex works attachments at: www.weidemann.com

You can obtain more information from your Weidemann distributor.

Lifting force, tear-out force and tipping load.

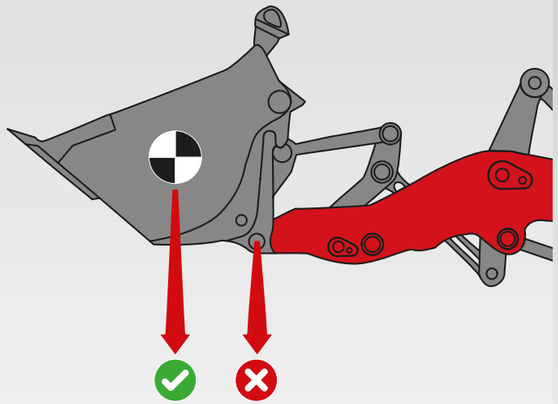
If you compare the tipping loads and lifting forces of different manufacturers with one another, please ensure that they have been determined in accordance with the standard ISO 14397-1 and 2!

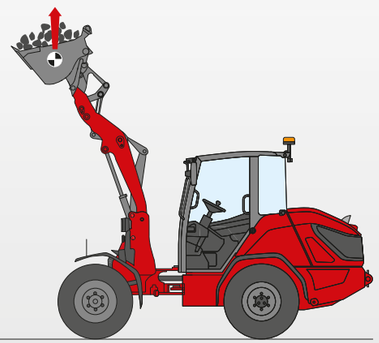
General Information.
Attention: The tipping load changes as a result of the different equipment features of a machine (e.g. Operator's canopy/cabin, tail weight, engine, tyres, etc.). The net weight of different attachments naturally plays a role here.

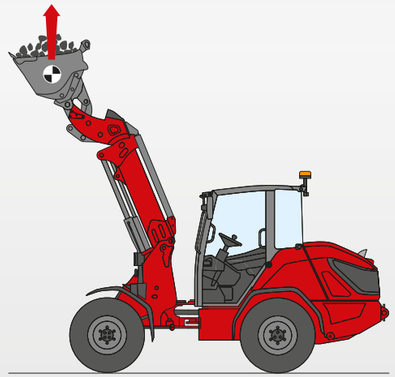
Important to observe:
Good to know: Tipping loads that have been determined with an angled state are strongly dependent on the angled angle of the machine. Weidemann determines these value in a fully retracted state. When comparing with other manufacturers, please observe the angled angle applied.

Important to observe - the difference between centre of gravity and pivot point:
- Values that have been determined outside of the standard are not to be considered as relevant for a valid comparison.
- Therefore, values which have been determined, for example, through other load distances, are definitively not comparable.

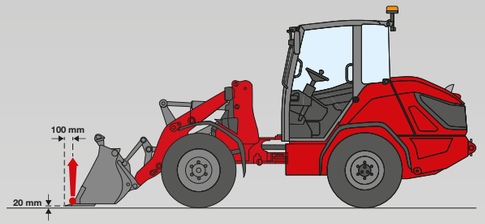
Weidemann determines these values in accordance with the standard in the bucket's centre of gravity - not in the pivot point.
- Attention: Values that have been determined in the pivot point are generally significantly higher! Please be aware of this when comparing with other manufacturers.

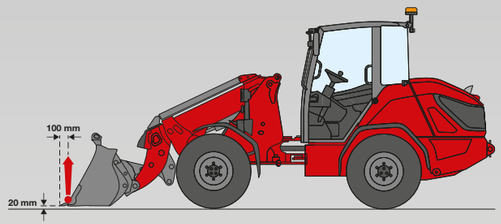




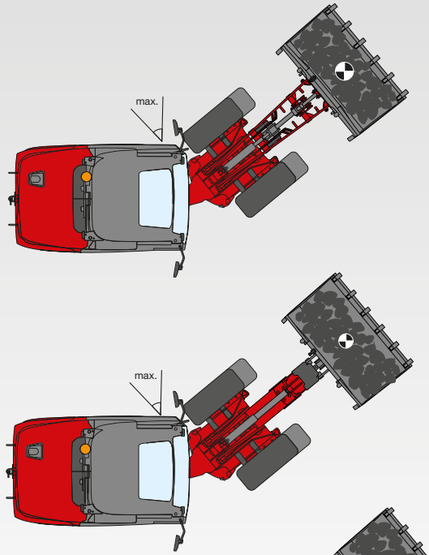


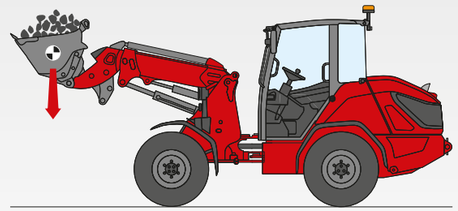
Lifting force (max.)
The maximum lifting force in the bucket's centre of gravity is measured by Weidemann as follows:
- Determination of the lifting force in the centre of gravity of the contents for the attachment bucket.
- Measured in the state of a straight machine with lifting frame in motion upwards until the maximum lifting force is achieved.

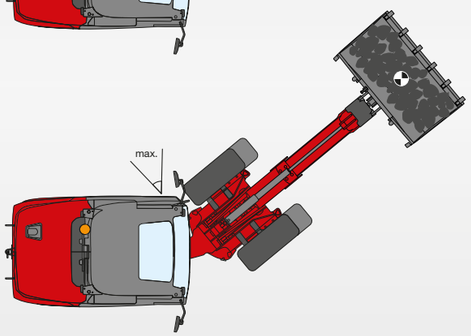


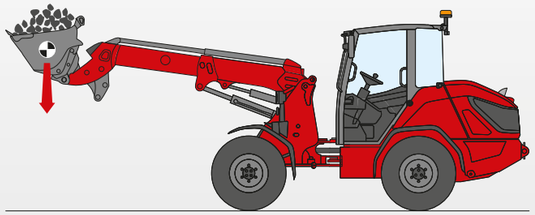


Tear-out force (max.)
The maximum tear-out force at the lower bucket edge is measured by Weidemann in accordance with the standard ISO 14397-2, this means:
- Determination of the tear-out force incl. attachment bucket, 100 mm behind the bucket peak.
- Measured in the state of a straight machine and the lifting frame is down, the bucket is 20 mm above the ground.

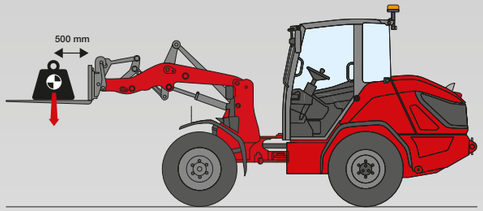


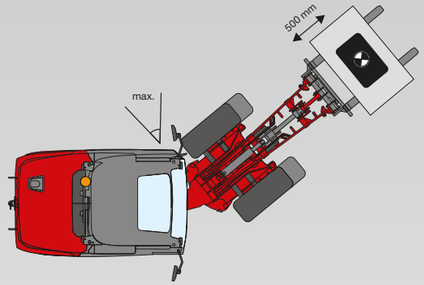


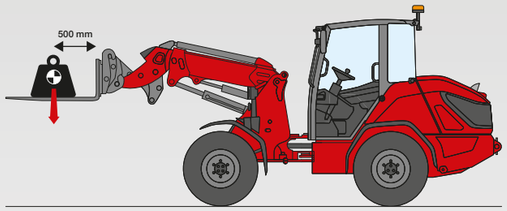


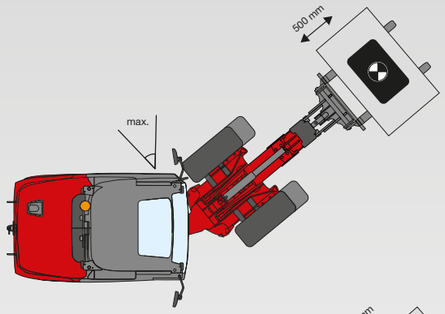


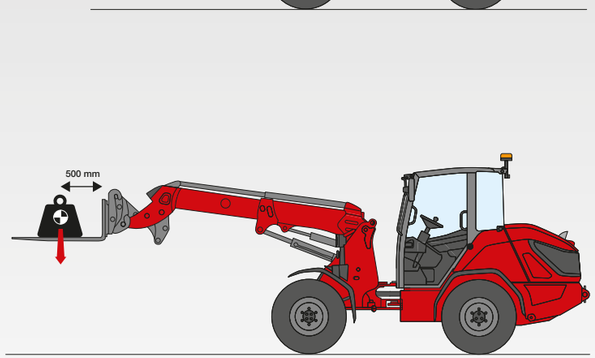
Tipping load in the bucket centre of gravity, machine straight or angled, lift frame horizontal
The maximum load weight of a machine is known as the tipping load. This is achieved when the rear wheels of the machine lose contact with the ground. The tipping load is measured by Weidemann in accordance with the standard ISO 14397-1, this means:
- Bucket: Measurement in the centre of gravity (not the bucket pivot point!).
- Measured with the machine in a straight or angled state.
- The lift frame is in a horizontal position.

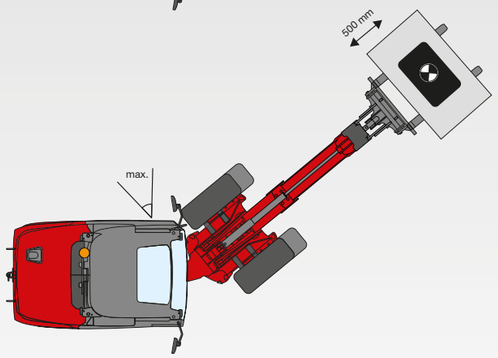




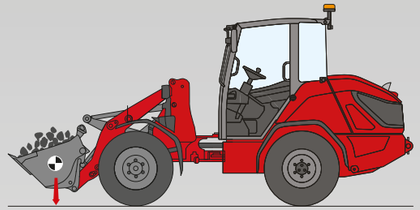


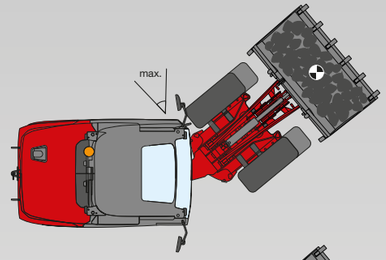


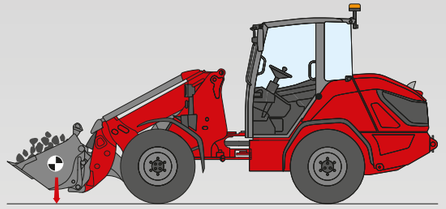


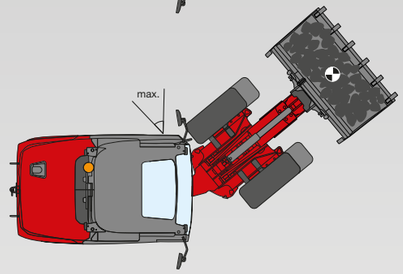


Tipping load with pallet fork, machine straight or angled, lift frame horizontal
The maximum load weight of a machine is known as the tipping load. This is achieved when the rear wheels of the machine lose contact with the ground. The tipping load is measured by Weidemann in accordance with the standard ISO 14397-1, this means:
- Pallet fork: Measurement at upper edge of fork, weight positioning 500 mm from the rear of the fork. Important to observe: Please compare data from different manufacturers with precisely this distance. Other presentations/values are not permitted in accordance with the standard and are therefore not comparable.
- Measured with the machine in a straight or articulated state.
- The lift frame is in a horizontal position.

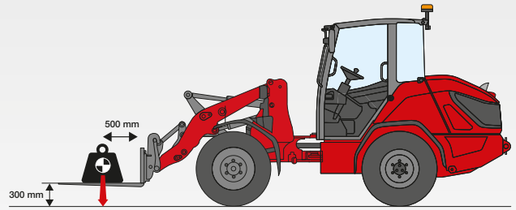


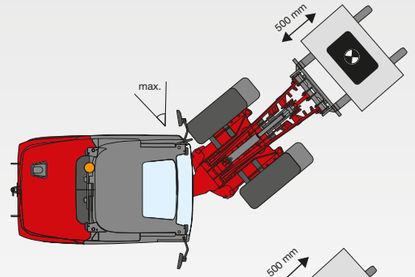


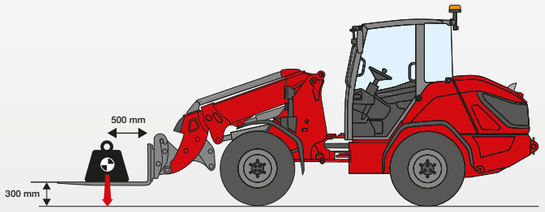


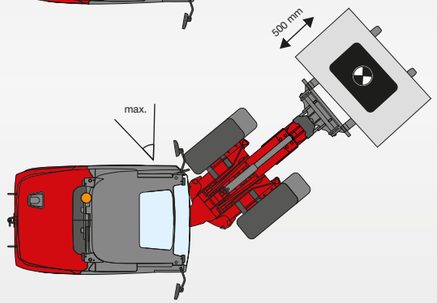


Tipping load in the bucket centre of gravity, machine straight or angled, lift frame lowest position
The maximum load weight of a machine is known as the tipping load. This is achieved when the rear wheels of the machine lose contact with the ground. The tipping load in the lowest position is measured by Weidemann as follows:
- Bucket: Measurement in the centre of gravity (not the bucket pivot point!).
- Measured with the machine in a straight or angled state.
- The lift frame is in the lowest position and the bucket is rolled in to maximum.









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 achieved when the rear wheels of the machine lose contact with the ground. The tipping load in transportation position is measured by Weidemann as follows:
- Pallet fork: Measurement at upper edge of fork, 300 mm from ground, weight positioning 500 mm from the rear of the fork. Important to observe: Please compare data from different manufacturers with precisely these distances. Other presentations/values are not comparable!
- Measured with the machine in a straight or angled state.
- The lift frame is in the transportation position.

Specifications of wheel loader.

	2060	2080 Standard	2080 Option	3060	3080	4060	4080	5080
ENGINE DATA								
Engine manufacturer	Kohler	Deutz	Deutz	Kohler	Deutz	Kohler	Perkins	Perkins
Engine type	KDI 1903 TCR	TD 2.9 L4 S5	TCD 2.9 L4 S5	KDI 2504 TCR	TCD 2.9 L4 S5	KDI 2504 TCR	904J-E36TA	904J-E36TA
Cylinders	3	4	4	4	4	4	4	4
Max engine output kW	42	45	55.4	48	55.4	55.4	74.4	100
Max. engine output HP	57	61	75	65	75	75	101.2	136
At max. speed rpm	2,600	2,300	2,300	2,200	2,300	2,300	2,200	2,200
Displacement cm^3	1,861	2,900	2,900	2,482	2,900	2,482	3,621	3,621
Type of coolant	Coolant/water	Water	Water/charge air	Coolant/water	Water/charge air	Coolant/water	Water	Water
Emissions standard stage	V	V	V	V	V	V	V	V
Exhaust emissions after-treatment	DOC/DPF	DOC/DPF	DOC/DPF	DOC/DPF	DOC/DPF	DOC/DPF	DOC/DPF/SCR	DOC/DPF/SCR
WEIGHTS (acc. to ISO standard 14397-1 and 2)								
Operating weight kg	3,730 - 4,230*	4,300		5,285 - 5,700*	5,100	5,700 - 6,100*	5,900	7,000
Lifting force (max.) daN	3,925	–		5,515	–	4,190	–	–
Tear-out force (max.) daN	4,320	–		8,135	–	5,950	–	–
Tipping load in the bucket centre of gravity - machine straight, lift frame horizontal kg	2,910 - 3,510*	3,719		3,350 - 3,770*	3,213	3,220 - 3,450*	3,674	4,762
Tipping load in the bucket centre of gravity - machine angled, lift frame horizontal kg	2,550 - 3,070*	3,113		2,830 - 3,200*	2,714	2,760 - 2,960*	3,031	3,926
Tipping load in the bucket centre of gravity - machine straight, lift frame lowest position kg	4,401 - 5,284*	–		4,974 - 5,574*	–	4,234 - 4,526*	–	–
Tipping load in the bucket centre of gravity - machine angled, lift frame lowest position kg	3,857 - 4,633*	–		4,230 - 4,759*	–	3,643 - 3,901*	–	–
Tipping load with pallet fork - machine straight, lift frame horizontal kg	2,410 - 2,890*	3,170		2,830 - 3,170*	2,715	2,870 - 3,067*	3,344	4,254
Tipping load with pallet fork - machine angled, lift frame horizontal kg	2,110 - 2,530*	2,662		2,410 - 2,710*	2,304	2,480 - 2,654*	2,791	3,559
Tipping load with pallet fork - machine straight, transportation position kg	2,871 - 3,441*	–		3,405 - 3,803*	–	3,337 - 3,557*	–	–
Tipping load with pallet fork - machine angled, transportation position kg	2,519 - 3,021*	–		2,911 - 3,262*	–	2,892 - 3,086*	–	–
FILLING VOLUMES								
Tank volume for fuel L	80	65		80	82	80	105	105
Tank volume for hydraulic oil L	32	50		32	66	32	95	95
DRIVE SYSTEM								
Type of drive	ecDrive	Hydrostatic		ecDrive	Hydrostatic	ecDrive	Hydrostatic	Hydrostatic
Drive	Hydrostatic/universal joint shaft	Universal joint shaft		Hydrostatic/universal joint shaft	Universal joint shaft	Hydrostatic/universal joint shaft	Universal joint shaft	Universal joint shaft
Axle (optional)	PA 1200	PA 1200		PA 1422	PA 1400 (PA 1422)	PA 1422	PA 1422	PA 1422/2
Travel speed (optional) km/h	0-20 (30)	0-20 (28)		0-20 (30)	0-20 (30)	0-20 (30)	0-20 (30/40)	0-20 (30/40)
HYDRAULIC SYSTEM								
Driving hydraulics working pressure (max.) (optional) bar	500	450		500	450	500	455	455
Work hydraulics discharge volume (max.) (optional) l/min	59 (74,1)	57.5 (74-115)		74 (91)	73,6 (83-103)	77 (95)	100 (115-150)	100 (115-150)
Work hydraulics working pressure (max.) (optional) bar	235	210		235	220	235	210	210
NOISE CHARACTERISTIC VALUES								
Averaged sound power level LwA dB(A)	99.9	98.8	100	99.6	99.9	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	74	77	73	74	71	74	74

* With optional equipment
DPF = diesel particle filter

DOC = Diesel oxidation catalyst
SCR = Selective catalytic reduction

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

There may be short-term changes in the engines because of the constantly evolving emission standards. For current availabilities, you can contact your Weidemann distributor. More information can be found at www.weidemann.com

This brochure is for general product information. If you are interested, one of our distributors would be happy to send you an offer.
The descriptions, illustrations and technical data are not binding and do not necessarily represent the standard design. We reserve the right to make changes.
Despite the greatest care and diligence applied, we cannot rule out deviations from the images or measures, errors in calculation, misprints or omissions in this brochure.
We therefore assume no liability for the accuracy and completeness of our information in this brochure.

Specifications of telescopic wheel loader.

	2060T	2080T Standard	2080T Option	3060T	3080T	4060T	4080T	5080T	9580T Standard	9580T option
ENGINE DATA										
Engine manufacturer	Kohler	Deutz	Deutz	Kohler	Deutz	Kohler	Perkins	Perkins	Deutz	Deutz
Engine type	KDI 1903 TCR	TD 2.9 L4 S5	TCD 2.9 L4 S5	KDI 2504 TCR	TCD 2.9 L4 S5	KDI 2504 TCR	904J-E36TA	904J-E36TA	TCD 3.6 S5	TCD 4.1 S5
Cylinders	3	4	4	4	4	4	4	4	4	4
Max engine output kW	42	45	55.4	48	55.4	55.4	74.4	100	100	115
Max. engine output HP	57	61	75	65	75	75	101.2	136	136	156
At max. speed rpm	2,600	2,300	2,300	2,200	2,300	2,300	2,200	2,200	2,300	2,300
Displacement cm^3	1,861	2,900	2,900	2,482	2,900	2,482	3,621	3,621	3,621	4,038
Type of coolant	Coolant/water	Water	Water/charge air	Coolant/water	Water/charge air	Coolant/water	Water	Water	Water/charge air	Water/charge air
Emissions standard stage	V	V	V	V	V	V	V	V	V	V
Exhaust emissions after-treatment	DOC/DPF	DOC/DPF	DOC/DPF	DOC/DPF	DOC/DPF	DOC/DPF	DOC/DPF/SCR	DOC/DPF/SCR	DOC/DPF/SCR	DOC/DPF/SCR
WEIGHTS (acc. to ISO standard 14397-1 and 2)										
Operating weight kg	4,150 - 4,750*	4,600		5,150 - 5,700*	5,400	5,800 - 6,100*	5,930	7,200	11,210	
Lifting force (max.) daN	4,255	–		4,620	–	4,645	–	–	–	
Tear-out force (max.) daN	4,345	–		4,470	–	4,070	–	–	–	
Tipping load in the bucket centre of gravity - machine straight, lift frame horizontal kg	2,790 - 2,960*	2,714		2,870 - 3,190*	2,815	3,550 - 3,700*	3,291	4,365	6,594	
Tipping load in the bucket centre of gravity - machine angled, lift frame horizontal kg	2,430 - 2,600*	2,260		2,500 - 2,790*	2,411	3,100 - 3,230*	2,765	3,659	5,871	
Tipping load in the bucket centre of gravity - machine straight (extended) kg	1,590 - 1,670*	1,562		1,541 - 1,748*	1,554	1,982 - 2,077*	1,857	2,561	3,495	
Tipping load in the bucket centre of gravity - machine angled (extended) kg	1,360 - 1,450*	1,295		1,320 - 1,514*	1,300	1,711 - 1,795*	1,541	2,133	3,112	
Tipping load in the bucket centre of gravity - machine straight, lift frame lowest position kg	3,600 - 3,805*	–		3,855 - 4,297*	–	4,746 - 4,934*	–	–	–	
Tipping load in the bucket centre of gravity - machine angled, lift frame lowest position kg	3,147 - 3,347*	–		3,376 - 3,787*	–	4,151 - 4,318*	–	–	–	
Tipping load with pallet fork - machine straight, lift frame horizontal kg	2,220 - 2,350*	2,383		2,610 - 2,890*	2,570	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*	1,999		2,290 - 2,540*	2,207	2,880 - 2,990*	2,613	3,448	5,142	
Tipping load with pallet fork - machine straight (extended) kg	1,380 - 1,460*	1,455		1,528 - 1,716*	1,509	1,983 - 2,070*	1,873	2,560	3,265	
Tipping load with pallet fork - machine angled (extended) kg	1,190 - 1,270*	1,213		1,326 - 1,503*	1,262	1,734 - 1,811*	1,556	2,128	2,907	
Tipping load with pallet fork - machine straight, transportation position kg	2,631 - 2,779*	–		3,058 - 3,396*	–	3,892 - 4,040*	–	–	–	
Tipping load with pallet fork - machine angled, transportation position kg	2,305 - 2,449*	–		2,690 - 3,006*	–	3,420 - 3,553*	–	–	–	
FILLING VOLUMES										
Tank volume for fuel L	80	75		80	82	80	105	105	140	
Tank volume for hydraulic oil L	32	50		32	66	32	95	95	125	
DRIVE SYSTEM										
Type of drive	ecDrive	Hydrostatic		ecDrive	Hydrostatic	ecDrive	Hydrostatic	Hydrostatic	Hydrostatic	
Drive	Hydrostatic/universal joint shaft	Universal joint shaft		Hydrostatic/universal joint shaft	Universal joint shaft	Hydrostatic/universal joint shaft	Universal joint shaft	Universal joint shaft	Universal joint shaft	
Axle (optional)	PA 1200	PA 1200		PA 1422	PA 1400 (PA 1422)	PA 1422	PA 1422	PA 1422/2	PA 1900	
Travel speed (optional) km/h	0-20 (30)	0-20 (28)		0-20 (30)	0-20 (30)	0-20 (30)	0-20 (30/40)	0-20 (30/40)	0-20 (30/40)	
HYDRAULIC SYSTEM										
Driving hydraulics working pressure (max.) (optional) bar	500	450		500	450	500	455	455	480	
Work hydraulics discharge volume (max.) (optional) l/min	74,1	57.5 (74)		78,2 (91)	73,6 (83-103)	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										
Averaged sound power level LwA dB(A)	99.9	99.9		99.6	99.9	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	74		73	74	71	74	74	70	

* With optional equipment
DPF = diesel particle filter

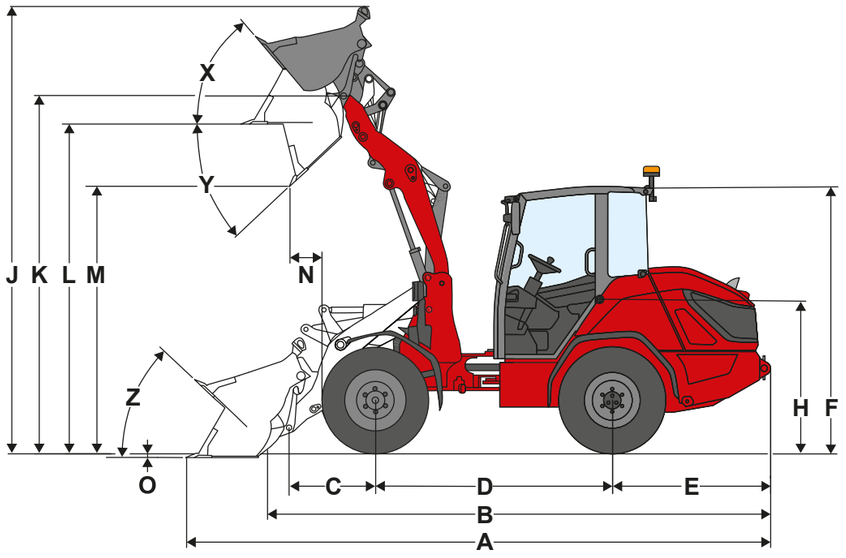
DOC = Diesel oxidation catalyst
SCR = Selective catalytic reduction

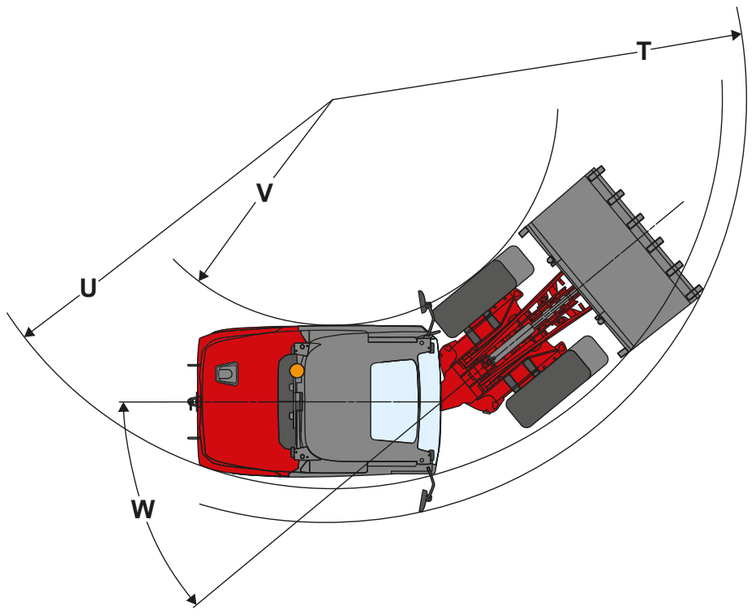
The current noise characteristic values can be found at www.weidemann.com

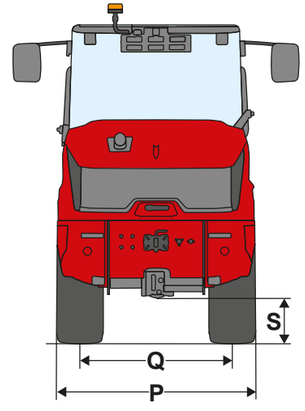
There may be short-term changes in the engines because of the constantly evolving emission standards. For current availabilities, you can contact your Weidemann distributor. More information can be found at www.weidemann.com

This brochure is for general product information. If you are interested, one of our distributors would be happy to send you an offer.
The descriptions, illustrations and technical data are not binding and do not necessarily represent the standard design. We reserve the right to make changes.
Despite the greatest care and diligence applied, we cannot rule out deviations from the images or measures, errors in calculation, misprints or omissions in this brochure.
We therefore assume no liability for the accuracy and completeness of our information in this brochure.

Dimensions of wheel loader.



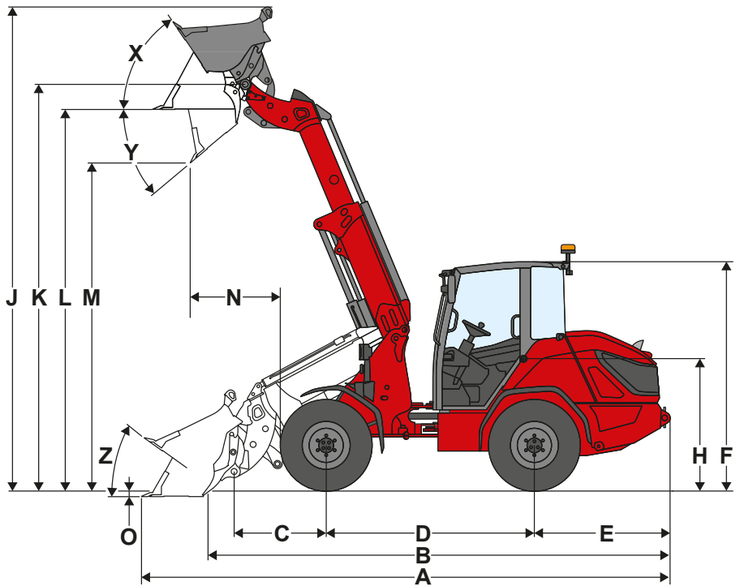


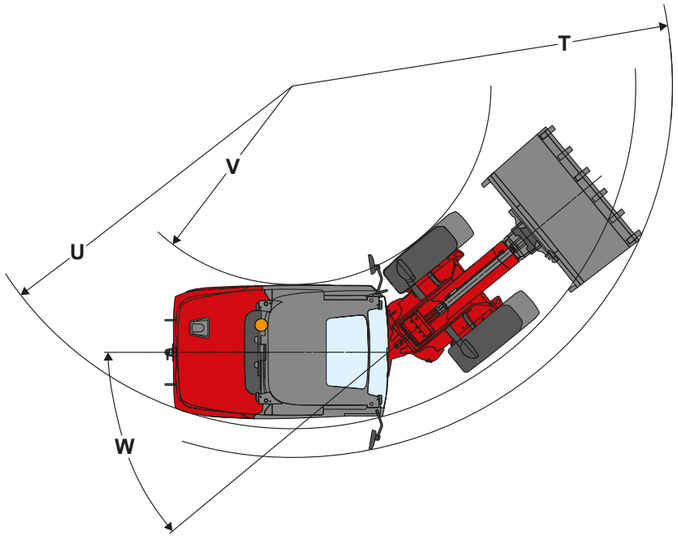


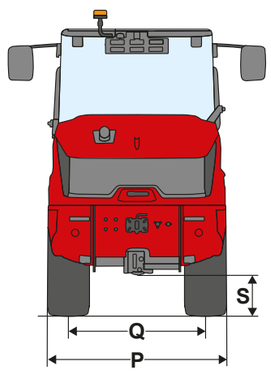
		2060	2080	3060	3080	4060	4080	5080
	DIMENSIONS							
	Tyres	365 / 70 R 18 BKT MP513 ET20	11.5/80-15.3 AS ET40	365 / 70 R 18 BKT Multimax MP513 ET30	12.5/80-18 AS ET75	405 / 70 R 20 BKT Multimax MP513 ET30	12.5-20 MPT ET0	550/45-22.5 AS ET0
A	**Total length** mm	5,295	5,160	5,590	5,460	6,115	5,800	5,800
B	**Total length without bucket** mm	4,480	4,190	4,880	4,649	5,275	4,790	4,790
C	**Bucket pivot point (to centre of axle)** mm	785	680	1,120	1,027	1,530	990	990
D	**Wheel base** mm	2,150	2,050	2,150	2,005	2,150	2,150	2,150
E	**Rear overhang** mm	1,435	1,420	1,435	1,531	1,435	1,580	1,580
F	**Height with cab** mm	2,425	2,540	2,485	2,630	2,535	2,680	2,690
F	**Height with low driver protection roof** mm	2,345	–	–	–	–	–	–
F	**Height with high driver protection roof** mm	2,425	–	–	–	–	–	–
H	**Seat height** mm	1,400	1,430	1,460	1,545	1,510	1,560	1,570
J	**Total working height** mm	4,065	4,020	4,215	4,091	4,580	4,560	4,580
K	**Bucket pivot point (max. lifting height)** mm	3,240	3,240	3,395	3,351	3,700	3,670	3,690
L	**Overhead loading height** mm	2,980	2,950	3,140	3,038	3,450	3,330	3,350
M	**Dumping height** mm	2,415	2,320	2,590	2,541	2,815	2,860	2,880
N	**Range (for M)** mm	290	280	820	646	1,065	870	850
O	**Digging depth** mm	35	70	145	105	80	110	100
P	**Total width** mm	1,520	1,410	1,720	1,558	1,770	1,827	1,984
Q	**Track width** mm	1,160	1,120	1,360	1,250	1,360	1,422	1,449
S	**Ground clearance** mm	345	300	335	330	390	361	375
T	**Maximum external radius** mm	4,125	3,650	4,385	4,028	4,645	4,055	4,135
U	**Radius on outer edge** mm	3,850	3,320	3,935	3,584	3,990	3,683	3,683
V	**Inner radius** mm	2,225	1,730	2,125	1,818	2,100	1,702	1,599
W	**Articulation angle** °	40	45	40	42	40	45	45
X	**Rollback angle at max. lift height** °	50	49	65	43	63	38	38
Y	**Tipping angle with max. lift height** °	44	44	45	39	45	28	28
Z	**Rollback angle on the ground** °	43	43	45	49	47	46	46

All values with the standard bucket.

Dimensions of telescopic wheel loader.





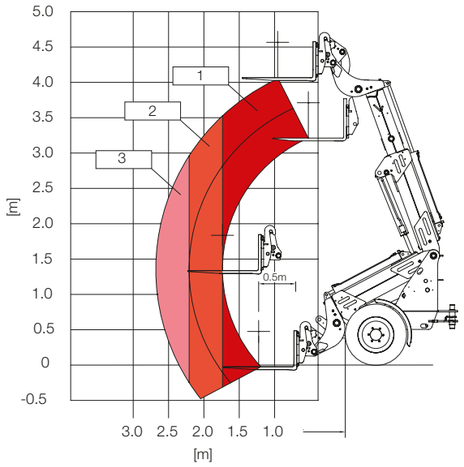


DIMENSIONS	2060T	2080T	3060T	3080T	4060T	4080T	5080T	9580T
Tyres	365 / 70 R 18 BKT MP513 ET20	11.5/80-15.3 AS ET40	365 / 70 R 18 BKT Multimax MP513 ET30	12.5/80-18 AS ET75	405 / 70 R 20 BKT Multimax MP513 ET30	12.5-20 MPT ET0	550/45-22.5 AS ET0	540 / 70 R 24 Michelin XMCL ET40
A **Total length** mm	5,590	5,500	6,030	5,978	6,120	6,100	6,200	6,960
B **Total length without bucket** mm	4,780	4,190	5,160	5,172	5,140	5,230	5,230	6,090
C **Bucket pivot point (to centre of axle)** mm	975	680	1,210	1,247	1,210	1,250	1,250	1,440
D **Wheel base** mm	2,200	2,050	2,325	2,189	2,325	2,190	2,190	2,900
E **Rear overhang** mm	1,435	1,420	1,435	1,531	1,435	1,580	1,580	1,520
F **Height with cab** mm	2,425	2,540	2,485	2,630	2,535	2,680	2,690	3,110
F **Height with low driver protection roof** mm	2,345	–	–	–	–	–	–	–
F **Height with high driver protection roof** mm	2,425	–	–	–	–	–	–	–
H **Seat height** mm	1,400	1,430	1,460	1,545	1,510	1,603	1,620	1,940
J **Total working height** mm	5,155	5,080	5,875	5,839	5,970	5,860	5,890	6,500
K **Bucket pivot point (max. lifting height)** mm	4,300	4,290	4,985	5,019	5,040	5,080	5,090	5,480
L **Overhead loading height** mm	4,035	3,940	4,695	4,694	4,745	4,720	4,720	5,210
M **Dumping height** mm	3,470	3,400	4,085	4,171	4,080	4,220	4,090	4,580
N **Range (for M)** mm	955	890	960	705	975	840	800	1,300
O **Digging depth** mm	60	150	110	83	60	60	60	130
P **Total width** mm	1,520	1,410	1,720	1,558	1,770	1,747	1,972	2,390
Q **Track width** mm	1,160	1,120	1,360	1,250	1,360	1,422	1,422	1,820
S **Ground clearance** mm	345	300	335	330	390	360	380	502
T **Maximum external radius** mm	4,260	3,830	4,585	4,321	4,650	4,400	4,470	5,770
U **Radius on outer edge** mm	3,850	3,320	3,935	3,839	3,990	3,930	3,930	4,900
V **Inner radius** mm	2,225	1,730	2,125	2,052	2,100	1,950	1,850	2,450
W **Articulation angle** °	40	45	40	42	40	42	42	40
X **Rollback angle at max. lift height** °	56	40	56	40	56	40	37	50
Y **Tipping angle with max. lift height** °	40	33	40	36	40	31	36	40
Z **Rollback angle on the ground** °	36	32	39	36	39	36	36	40

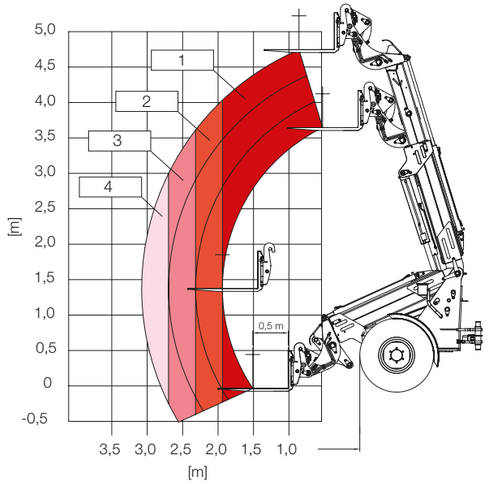
All values with the standard bucket.

Load-bearing capacity diagrams.

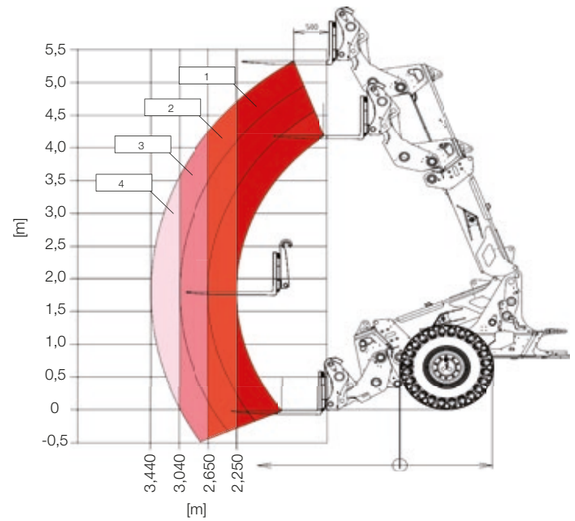
2080T



3080T, 4080T, 5080T



9580T



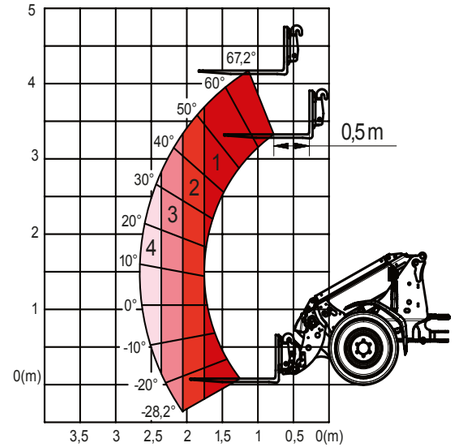
LOAD-BEARING CAPACITY kg

	2080T		3080T		4080T		5080T		9580T	
	s = 1.25	s = 1.67	s = 1.25	s = 1.67	s = 1.25	s = 1.67	s = 1.25	s = 1.67	s = 1.25	s = 1.67
1	1,790	1,340	1,770	1,320	2,320	1,740	2,760	2,070	4,100	3,050
2	1,390	1,040	1,530	1,150	2,000	1,500	2,390	1,790	3,400	2,550
3	1,100	830	1,130	850	1,480	1,110	1,900	1,430	2,900	2,150
4	–	–	1,010	760	1,320	990	1,700	1,280	2,450	1,850

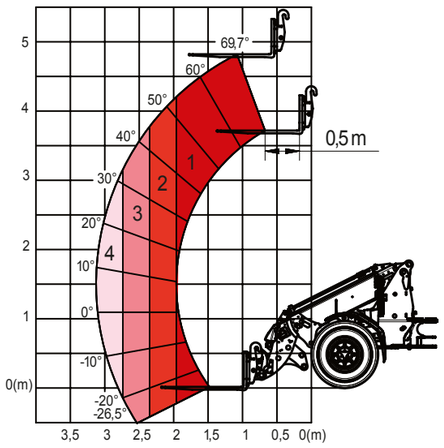
Machine max. articulated, standard tyres
Load center of gravity 500 mm from the back of the fork

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

2060T



3060T, 4060T

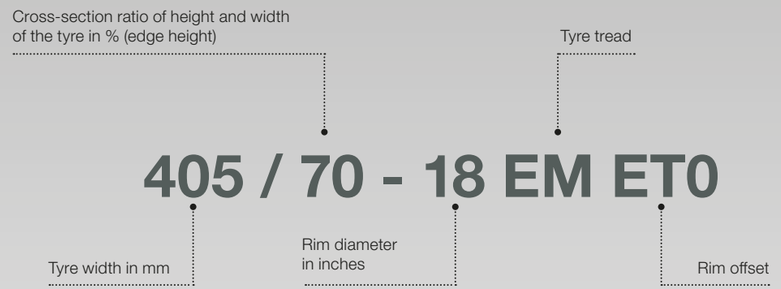


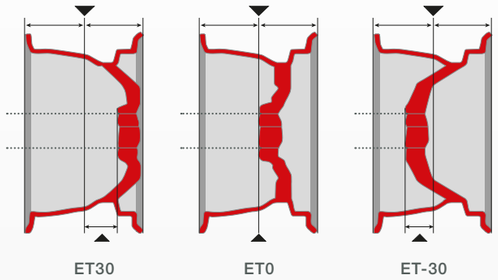
LOAD-BEARING CAPACITY kg

	2060T		3060T		4060T	
	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

Tyre designation.

Tyre designations often look very cryptic at first glance - they are generally made up of schematic data. The following examples will explain what this has to do with the wheel offset and what the numbers and letters in the tyre designation stand for.





Explanation of offset:
The inside of the rim is on the left, the outside of the rim is on the right and the dotted line indicates the axle.

- **ET30** = If a narrow tyre with a positive offset is selected, the tyre does not widen the machine's overall width, where applicable. This is suitable if the machine needs to pass through narrow passageways.
- **ET0** = A compromise between narrow machine width and good stability.
- **ET-30** = If a tyre with a negative offset is selected, the tyre widens the overall width of the machine, where applicable. A wide tyre and contact area increases stability.

You can find out which tyre is available for which machine at **www.weidemann.com**

Tyre 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. Thanks to the high thrust transmission, this tyre has a large footprint and runs very smoothly on the road.

AS tread
The tapered lamellas ensure safe driving, especially on smeary and dirty terrain.

SureTrax tread
The SureTrax tread impresses with a large contact surface as well as a high lift capacity. It is ideal for solid and other hard surfaces.

RP tread
Due to the large contact surface, the ground is traversed gently. This makes the RP tread particularly suitable for application on lawns.

MPT tread
The MPT tread offers the perfect combination of good traction on uneven ground conditions as well as fast road crossings.

Multi-use
The multi-use tread was 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.

VIBRATIONS	Typical operating conditions	Mean value			Standard deviation (s)		
LOAD TYPE		$1{,}4{*}a_{w,eqx}$ [m/s²]	$1{,}4{*}a_{w,eqy}$ [m/s²]	$a_{w,eqz}$ [m/s²]	$1{,}4{*}s_x$ [m/s²]	$1{,}4{*}s_y$ [m/s²]	s_z [m/s²]
Compact 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
Wheel loader (operating weight > 4,500 kg)	Load and carry (load and transport work)	0.84	0.81	0.52	0.23	0.20	0.14
	Application in quarrying (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 – traditionally efficient.

For decades, our mission has been to lighten the load of commercial agriculture by the mechanisation of stable and yard operations. This led to the development of the Hoftrac®, which has become a generic term for its own equipment category – 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 programme 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 with a work operation that never fails to impress. 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-organised 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 programme.
In Germany, Weidemann offers attractive options for financing or leasing machines thanks to various framework agreements. Weidemann distributors also offer various financing options in the respective countries. Get in touch with your local contact partner to find out about our 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 sector.
As our Weidemann machines are generally in day-to-day use, your machine must be repaired as quickly as possible, if needed. To achieve this, Weidemann offers a central spare parts warehouse, providing specialist dealers with an electronic 24 hr order service and delivery within 24 hr. Many of our dealers have also built up their own good range of spare parts and maintenance items so that the most common parts are available on site.

WEIDEMANN

designed for work

The Weidemann product range.

The multifunctional Hoftracs®.
Powerful helper for every application.

The powerful wheel loader.
Available either with load arm or telescopic arm.

The compact telehandler.
Aim high with optimal stability.

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

WM.EMEA.10240.V06.EN/04/2025

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