Wheel and tele wheeled loaders
5025, 5035, 5055, 5065, 5065T

The compact genius among wheeled loaders.
Great Size – great performance.
Developed out of need. Created for application.
Unrivalled in concept.
Forward-looking in technology and design.

Gentle retraction and extension thanks to the final position damping at each end of travel.

More reach and lift height due to a telescoping loading system.

Reduced operating costs through optimum power to weight ratio and compact dimensions.

Fatigue-free working thanks to the spacious and ergonomic comfort cab.

High level of reliability through easily accessible maintenance points and time-tested and proven components.

Excellent traction thanks to 100% connectable differential lock.

Safety and time savings thanks to an undivided chassis and all-wheel steering for more stability and manoeuvrability.

Wide and safe entry thanks to the undivided chassis and all-wheel steering.

Flexible in application with a third control circuit, unpressurised reverse travel with a leakage of tire and front plug receptacle.

The hydraulically activated quick-hitch system makes the Kramer an all-rounder in seconds without leaving the operator’s seat. Efficient work with a parallel-guided loading system with P-kinematics for wheel loaders and with Z-kinematics for the tele wheeled loader.

High bucket apron, long bucket bottom as well as a large tilt in and tilt back angle for safe and quick material transport.

Variable drive system optionally up to 30 km/h with two types of steering (front axle steering and all-wheel steering).

High bucket apron, long bucket bottom as well as a large tilt in and tilt back angle for safe and quick material transport.
The core of the loader. The principle of success.

Kramer wheel loaders feature outstanding stability with their tried and tested undivided chassis.

The all-wheel drive ensures a minimal shift in the centre of gravity. Accordingly, a high level of safety against overturning is a given even on narrow curve radii, uneven terrain and with maximum payloads.

Even on the road the 5055, 5065 and 5065T models convince with their front axle steering.

Turning made easy with all-wheel steering...

Undivided chassis for a high level of stability...

Constant payload

Outstanding manoeuvrability

The all-wheel steering and the steering lock of 40 degrees on each axle allow you a high degree of manoeuvrability. This makes many manoeuvres superfluous and shortens traversing and cycle times.

High stability

Our wheel loaders are designed with an undivided chassis that prevents shifts in the centre of gravity, even on full steering angle. This ensures high levels of stability - even when working on uneven ground.

Constant payload

The undivided chassis prevents the clearance between the counterweight and loading system from changing. The result: Constant leverage that makes working safe in all load situations. In the process, the payload always stays the same, regardless of the steering angle.

1 Safe material handling with max. manoeuvrability.
2 Safe driving behaviour thanks to the front axle steering even when driving at high speeds.
3 The high level of manoeuvrability in particular convinces where space is limited.
High load-carrying capacity. Easy to place loads at any height.

Reliable in stacking operation
Thanks to the P-kinematics, you have optimal control of all transported materials, because it ensures the attachments are moved parallel across the entire lifting range.

Convincing in bucket operation
The sophisticated combination of special Kramer bucket shape, high bucket apron, long bottom as well as the 50-degree tilt back and 45-degree tilt forward angles, ensures safe working, even with a full bucket.

Simply drive up to the attachment, hitch it up hydraulically from the cab, secure or detach it by pressing the lever while maintaining a clear line of sight.

Top-Performance of the loading system:
- Fully automatic load stabiliser for more driving comfort and safety
- P-kinematics for precise parallel guidance of the load across the entire lift height*
- A thousand-time-tested and proven quick-hitch system for the quick application of different attachments
- Ideal bucket geometry for optimal handling of bulk material

* 5065T has Z-kinematics with parallel guidance

Protects man and machine: The load stabiliser dampens oscillations of the loader unit and/or the load, thus ensuring higher travel speeds, as well as more driving stability and comfort.
At work with comfort. Controlled with ergonomics.

Colour-coding on the keypad: four colours for even more safety.

Roomy cab with perfect all-round visibility:
- Excellent visibility of the current attachment and work environment
- Generous interior width and height
- Wide entrance and intuitively placed grab handles
- High level of operating comfort through multifunction joystick with integrated arm support
- Safety thanks to the intuitive two-pedal system
- Fully integrated, powerful heating and ventilation
- Ventilation window
- Air-conditioning system for comfortable work in all operating conditions*

* not at 5025

Kramer’s newly designed cab is characterised by maximum comfort, optimal ergonomics and functionality in every detail.

Kramer compact wheel loaders prove themselves as space savers technically in the cabin and ensure fatigue-free work with their outfitting. Ergonomically positioned operator’s controls ensure safe handling of the machine - both for professionals as well as occasional operators.

1. Ventilation window with different opening angles for fresh air circulation as needed
2. Wide door opening and step geometry for safe and convenient entry
3. The models 5025, 5035, 5055 and 5065 are available as Canopy Version
4. Spacious interior with ergonomic operator’s controls

All-round visibility: The panoramic cab with 360° all-round visibility and a permanent view of the respective attachment for maximum safety in the working area around the machine.

Ventilation window with different opening angles for fresh air circulation as needed.
Wide door opening and step geometry for safe and convenient entry.
The models 5025, 5035, 5055 and 5065 are available as Canopy Version.
Spacious interior with ergonomic operator’s controls.

At work with comfort.
Controlled with ergonomics.
The Kramer 5025 and 5035 achieve incomparable dynamics through the drive system with four wheel hub motors. At the same time, the centre of gravity sits lower, which in turn increases stability.

Optional, the models 5055, 5065 and 5065T can be fitted with a common rail engine that corresponds to the emission standard EPA Tier4 final. The emission standard is achieved by means of a diesel particulate filter (DPF) and diesel oxidation catalyst (DOC).

The Kramer 5055, 5065 and 5065T
These models offer powerful axial piston, high-pressure drive system with excellent shear forces and an infinitely variable power transmission (hydrostatic). They are able to reach a speed of up to 30 km/h when equipped with the optional high speed drive system.

Thanks to the official approval for road use, they can also play their strengths on the road with a load or trailer.

Efficient drive system and low operating costs:
- Application-oriented and efficient drive system with high shear forces
- Simple travel direction change via joystick
- Low sound levels and reduced fuel consumption due to requirement-oriented engine version
- Traction on every subsurface thanks to various tyre options and differential lock

Motor with pump unit

Versatile in application with official approval for road use
The work hydraulics offer refined working at minimal operating forces and low noise levels in the cab. In addition, the standard third control circuit with continuous function for efficient and convenient operation of hydraulically activated attachments. Matching dimensioned cylinders, efficient flow conditions and adapted discharge volumes enable quick work cycles. With the optional powerflow a powerful drive system of hydraulically activated attachments is possible.

Versatility through 3rd control circuit and powerflow:
- Standard hydraulic quick coupler system
- Increased flexibility through efficient 3rd control circuit
- Up to 24 kW in addition to the powerful drive system of hydraulically activated attachments with increased power requirement thanks to powerflow
- Large sized hydraulic radiator for long-time application in power operation

At home in versatility.
Suited for all tasks.

Concept solution for system module

<table>
<thead>
<tr>
<th>HYDRAULIC PERFORMANCE VALUES</th>
<th>3rd control circuit</th>
<th>Auxiliary control circuit</th>
<th>powerflow performance hydraulics</th>
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<tbody>
<tr>
<td>20</td>
<td>20</td>
<td>56</td>
<td>56</td>
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</table>

<table>
<thead>
<tr>
<th>OUTFITTING VARIANTS</th>
<th>Front power socket</th>
<th>Unpressurised reflux</th>
<th>Manual throttle</th>
<th>Low-speed control</th>
</tr>
</thead>
<tbody>
<tr>
<td>✏️</td>
<td>✏️</td>
<td>✏️</td>
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</tr>
</tbody>
</table>

1 Safe and easy connection of attachments
2 Matching application with powerflow performance hydraulics
3 Sweeper application with efficient 3rd control circuit (standard)
Simple maintenance. Rapid service.

We know that every minute of application counts for you. That is why we already ensure during the design and development that you can quickly and easily maintain your wheel loader and tele wheeled loader. The engine hood can be opened wide so that all maintenance points are conveniently accessible.

Kramer telematics:
Optionally, you can do well in terms of maintenance with the telematics.

Functions:
- Simple data access in real time
  The GSM/GPS unit installed on the machine collects operating data in real-time, which can be displayed directly online on the Trackunit Manager.
- User-friendly monitoring
  The Trackunit Manager is user-friendly and intuitive. It offers a range of simple tools that can be used to easily and efficiently track, monitor and manage your machines and fleet.
- Adaptable and expandable
  You can individually design your Trackunit Manager so that it precisely corresponds to your data and information needs. It can be expanded with additional functions if you modify your needs or your business grows.
- Downloaded reports
  You can schedule and download a large selection of management reports. In this way, you simplify procedures and make sound strategic decisions.
- Maximum transparency
  The Trackunit Managers offer you complete transparency of your entire fleet. You can see the current location of each vehicle as well as the movement on a digital map.
- Preventative alarm features
  The integrated alarm module helps you to protect your high-quality investment in the machinery and fleet against theft and unauthorized use.
- Optimised maintenance
  The Trackunit Manager helps you to optimise maintenance procedures. This leads to less downtime.

Top-Performance with maintenance and service:
- Quick maintenance due to good accessibility
- Reliable diagnostics via Kramer diagnostic software KADIAS
- 30,000 spare parts in stock for quick repairs world-wide.

Born for reliability. In application for generations.
Committed to efficiency.
Superior in economies.

Light enough for cost-advantageous transport, small enough to go anywhere.
The Kramer wheel loaders of the compact class are agile in movement, dynamic in power delivery and slim in design. Their small tail swing radius enables them to work safely in confined areas.

With an optimised power to weight ratio, low shipping weight and continuous high payload, the efficiency calculation with this model series is much in favour of the end user. The economic calculation in any event.

Power to weight ratio and compact dimensions:
- Perfect body-mass index (BMI)
- Easy to transport
- More mobility through official approval for road use
- More time and fuel saving, economical application thanks to greater manoeuvrability
- Economic power to weight ratio

Perfect BMI: excellent power to weight ratio, compact dimensions, low overall height

<table>
<thead>
<tr>
<th>Body Mass Index</th>
</tr>
</thead>
<tbody>
<tr>
<td>Payload S = 1,25 t</td>
</tr>
<tr>
<td>Charge weight t</td>
</tr>
<tr>
<td>Bucket capacity m³</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Model</th>
<th>Payload</th>
<th>Charge</th>
<th>Bucket Capacity</th>
</tr>
</thead>
<tbody>
<tr>
<td>5025</td>
<td>750</td>
<td>1.670</td>
<td>0.35–0.55</td>
</tr>
<tr>
<td>5035</td>
<td>750</td>
<td>1.720</td>
<td>0.35–0.55</td>
</tr>
<tr>
<td>5055</td>
<td>1.670</td>
<td>3.490</td>
<td>0.55–1.1</td>
</tr>
<tr>
<td>5065T</td>
<td>1.720</td>
<td>3.800</td>
<td>0.65–1.1</td>
</tr>
</tbody>
</table>

* CAB
Technical Data.

Wheel loader with standard bucket and standard tyres (top view)

Wheel loaders with standard bucket and standard tyres (front view)

Wheel loaders with standard bucket and standard tyres (side view)

The essentials complemented.
With a great feel for details.

Kramer compact wheel loaders actually already speak for themselves. Even more so if you work with attention to detail. Details that you may not even notice at first glance. Details, however, that you know to appreciate even more upon second glance. Welcome to the world of Kramer details.

Staggered steps for safe entry and exit

Large-windscreen wiper on the front window with left detent for improved view

Practical placement of maintenance aids directly at the entry / exit.

Subject to change without notice. Errors and omissions are reserved. The contractual agreement is expressly decisive.
### OPERATING DATA

<table>
<thead>
<tr>
<th>Bucket capacity m³</th>
<th>0.25</th>
<th>0.35–0.55</th>
<th>0.55–1.1</th>
<th>0.65–1.1</th>
<th>0.65–1.1</th>
</tr>
</thead>
<tbody>
<tr>
<td>Weight kg</td>
<td>1.55</td>
<td>1.6/1.7/1.85</td>
<td>3.45/3.6/3.85</td>
<td>3.6/3.8/4</td>
<td>3.6/3.8/4</td>
</tr>
<tr>
<td>Quick-change system</td>
<td>hydraulic</td>
<td>hydraulic</td>
<td>hydraulic</td>
<td>hydraulic</td>
<td>hydraulic</td>
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### ENGINE

<table>
<thead>
<tr>
<th>Make</th>
<th>Yanmar</th>
<th>Yanmar</th>
<th>Yanmar</th>
<th>Yanmar</th>
<th>Yanmar</th>
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</thead>
<tbody>
<tr>
<td>Type/Model</td>
<td>3TNV88</td>
<td>3TNV88</td>
<td>4TNV88</td>
<td>4TNV88</td>
<td>4TNV88</td>
</tr>
<tr>
<td>Max. torque Nm at rpm 1/min</td>
<td>107 at 1.560</td>
<td>136.3 at 1.680</td>
<td>142 at 1.100</td>
<td></td>
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<tr>
<td>Displacement cm³</td>
<td>1.640</td>
<td>2.190</td>
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### POWER TRANSMISSION

<table>
<thead>
<tr>
<th>Drive unit</th>
<th>Continuously variable, hydrostatic axial piston transmission</th>
</tr>
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<tbody>
<tr>
<td>Travel speed km/h</td>
<td>0–20, 0–30, 0–27</td>
</tr>
<tr>
<td>Axles</td>
<td>- Compensation differential 100% (Option) 100% 100% VA</td>
</tr>
<tr>
<td>Overall oscillating angle °</td>
<td>±7 ±9 ±16</td>
</tr>
<tr>
<td>Differential lock</td>
<td></td>
</tr>
<tr>
<td>Service brake</td>
<td></td>
</tr>
<tr>
<td>Parking brake</td>
<td></td>
</tr>
<tr>
<td>Standard tyres</td>
<td>28 x 9.00–15, 10.5–15, 12.0–18, 12.15–18</td>
</tr>
</tbody>
</table>

### STEERING AND WORK HYDRAULICS

<table>
<thead>
<tr>
<th>Functionality</th>
<th>Hydrostatic all-wheel steering, hydrostatic all-wheel steering with emergency steering properties</th>
</tr>
</thead>
<tbody>
<tr>
<td>Steering pump</td>
<td>Hydraulic pump via priority valve</td>
</tr>
<tr>
<td>Steering cylinder</td>
<td>Double-acting with independent final position synchronization</td>
</tr>
<tr>
<td>Work pump</td>
<td>Gear pump, gear pump, gear pump, gear pump, gear pump</td>
</tr>
<tr>
<td>Flow rate l/min</td>
<td>22, 40 (option), 56, 90 (option), 56, 90 (option), 50</td>
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<tr>
<td>Pressure bar</td>
<td>20, 240, 240, 235, 235, 240</td>
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### KINEMATICS

<table>
<thead>
<tr>
<th>Design system</th>
<th>2-kinematics with optimised parallel motion, 2-kinematics, 2-kinematics</th>
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<tbody>
<tr>
<td>Lifting force / shearing force kN</td>
<td>12.6/14.7, 12.9/13.1, 32.5/32.5, 21.5/41.5</td>
</tr>
<tr>
<td>Lifting / lowering the lift cylinder sec</td>
<td>6.0/4.3, 4.6/3.8, 4.8/3.2, 6.7/5.8</td>
</tr>
<tr>
<td>Fill shovel / empty shovel sec</td>
<td>2.4/1.5, 2.4/1.5, 2.1/2.0, 2.1/2.0, 3.5/3.0</td>
</tr>
<tr>
<td>Tip back / tip forward angle °</td>
<td>40/45, 45/42, 45/42, 30/40</td>
</tr>
<tr>
<td>Tipping load (standard bucket) kg</td>
<td>650, 750, 1.800, 1.750, 2.550, 2.850</td>
</tr>
<tr>
<td>Payload S = 1.25 (stacking) kg</td>
<td>485, 560, 1.200, 1.310, 1.320/1.191</td>
</tr>
<tr>
<td>Payload S = 1.67 (stacking) kg</td>
<td>40, 40, 65, 55, 43</td>
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<tr>
<td>Digging depth mm</td>
<td>50/40, 60/58, 60/58, 60/58, 60/58</td>
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</tbody>
</table>

### FILLING VOLUMES

| Fuel tank / hydraulic oil tank | 30/40, 60/58, 60/58, 60/58, 60/58 |

### EMITTED NOISE

<table>
<thead>
<tr>
<th>according to 2000/14/EG</th>
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<tr>
<td>12</td>
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<tr>
<td>72/55</td>
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<tr>
<td>2.3</td>
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### ELECTRIC SYSTEM

<table>
<thead>
<tr>
<th>Operating voltage V</th>
<th>12</th>
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</thead>
<tbody>
<tr>
<td>Battery / alternator Ah/A</td>
<td>2.3</td>
</tr>
<tr>
<td>Starter motor kW</td>
<td>2.3</td>
</tr>
</tbody>
</table>

*Canopy

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**Load-bearing capacity diagram.**

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[Diagram of load-bearing capacity]