



KRAMER
on the safe side



STRONG PERFORMANCE, EASILY TRANSPORTED

THE COMPACT WHEEL LOADERS
5035 / 5040 / 5045

DIMENSIONS

5035

OVERALL HEIGHT*
2,170 mm (standard), 2,020 mm (option)

OVERALL WIDTH*
1,240 mm – 1,360 mm

ENGINE OUTPUT
18.5 kW

EXHAUST AFTER-TREATMENT
none

STACKING TIPPING LOAD**
1,189 kg

TRANSPORT WEIGHT***
1,700 kg



5040

OVERALL HEIGHT*
2,170 mm (standard), 2,020 mm (option)

OVERALL WIDTH*
1,240 mm – 1,360 mm

ENGINE OUTPUT
28.5 kW

EXHAUST AFTER-TREATMENT
DOC + DPF

STACKING TIPPING LOAD**
1,438 kg

TRANSPORT WEIGHT***
1,900 kg



5045

OVERALL HEIGHT*
2,260 mm (standard), 2,110 mm (option)

OVERALL WIDTH*
1,320 mm – 1,595 mm

ENGINE OUTPUT
18.5 kW (standard), 33.3 kW (option)

EXHAUST AFTER-TREATMENT
none (standard), DOC + DPF (option)

STACKING TIPPING LOAD**
1,865 kg

TRANSPORT WEIGHT***
2,400 kg



OUTPUT



TRANSPORT



* independent of the tyre variants

** Tipping load in transportation position: Load centre 400 mm for 5035 and 5040, Load centre 500 mm for 5045

*** Standard configurations without attachment and operator, with a full tank (weight varies depending on the equipment)

ON THE SAFE SIDE WITH KRAMER

Alongside the values of passion, skill and high-quality, safety is at the forefront at Kramer. We build machines with the highest level of application safety and our customers benefit sustainably from their investment. Our promise: Honesty, reliability and value stability.

STRONG PERFORMANCE, EASILY TRANSPORTED

DISCOVER THE ALL-WHEEL WHEEL LOADERS IN THE 0.35 - 0.45 m³ CLASS

Compact dimensions, high performance efficiency and a low net weight make the machines all-rounders within this size class.

Machine Highlights	6	Machine structure	8
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NOTICE: This symbols indicates functions that can have a positive impact on their resources (money, staff, time).



SEARCH NOW

This is the way to the Kramer dealer search
www.kramer.de/dealerlocator



OPERATING AND POWER RATINGS	5035	5040
Engine output, standard [kW]	18.5	28.5
Engine output, optional [kW]	-	-
Bucket volume [m ³]	0.35	0.36
Bucket tipping load [kg]	1,200	1,400
Stacking payload S=1.25 [kg]	750	900
Operating weight [kg]*	1,955 - 2,200	2,095 - 2,400

* Weight with a full tank + standard bucket + 75 kg operator (ISO 6016 + weight varies depending on the equipment)

OPERATING AND POWER RATINGS	5W
Engine output, standard [kW]	18.5
Engine output, optional [kW]	33.3
Bucket volume [m ³]	0.45
Bucket tipping load [kg]	2,270
Stacking payload S=1.25 [kg]	1,310
Operating weight [kg]*	2,675 - 2,750

* Weight with a full tank + standard bucket + 75 kg operator (ISO 6016 + weight varies depending on the equipment)



MACHINE HIGHLIGHTS AT A GLANCE

EXTERNALLY STURDY AND INTERNALLY COMFORTABLE

1 QUICKHITCH SYSTEM STANDARD / SMART ATTACH (OPTION)

The hydraulic quickhitch system is installed as standard in the larger wheel loaders. The existing attachment range can therefore be used. The fully-hydraulic "Smart Attach" system is also available as an option.

5045

2 LOADER UNITS RANGE

with two different kinematics systems: Z-kinematics for the 5035 and 5040 for maximum lifting and thrusting forces, and P-kinematics for the 5045 for precise parallel

guidance with extreme loads.

5035 / 5040 / 5045

3 FLEXIBLE IN APPLICATION

with integrated 3rd control circuit integrated into the joystick and optional pressure release lever on the loader unit. The performance hydraulic system Highflow is available as an option.

5040 / 5045

4 UNBEATABLE PERFORMANCE VALUES

with compact dimensions, a low net weight and stacking tipping loads up to 1,865 kg for the 5045.

5035 / 5040 / 5045

5 360° ALL-ROUND VISIBILITY

thanks to the extensive glazing and narrow cabin rails.

5035 / 5040 / 5045

6 TWO CABIN HEIGHTS

for maximum comfort or maximum compactness.

5035 / 5040 / 5045

7 QUICKHITCH SYSTEM

The hydraulic quickhitch system with strong locating pins is not only compact, but it is also designed for hard applications and long working hours.

5035 / 5040 / 5045

8 COMFORTABLE CABIN

due to the ergonomic layout of operator's controls. The cabin is reached comfortably and safely using a wide step and a door, which can be secured to the rear.

5035 / 5040 / 5045

9 POWERFUL ENGINES

with high-power delivery and low noise levels.

5035 / 5040 / 5045

10 EASILY TRANSPORTED

The machine incl. attachment is quickly put into practice with a 3.5 t trailer or 7.5 t lorry.

5035 / 5040 / 5045

11 SMART DRIVING PRO (OPTION)

Three operating modes: PWR, ECO and CSD, changed at the press of a button, support the operator in the respective applications.

5040 / 5045

12 CONTINUOUS DRIVE SYSTEM

for sensitive work and high pushing power. 30 km/h variant optionally available for the 5040 and 5045.

5035 / 5040 / 5045

13 EXCELLENT TRACTION

thanks to the connectible differential lock. Option for the 5035 and 5040, standard for the 5045.

5035 / 5040 / 5045

14 VERSATILE TYRE OPTIONS

for a wide range of application areas, incl. through wide base tyres.

5035 / 5040 / 5045

15 THREE TYPES OF STEERING

Unique steering system with all-wheel steering (standard), crab steering (option) and front wheel steering (option).

5035 / 5040 / 5045



WHY SPLIT WHAT BELONGS TOGETHER? KRAMER – A UNIQUE SYSTEM

The Kramer brand stands for all wheel steer loaders, telescopic wheel loaders and telehandlers with extreme manoeuvrability, all-terrain mobility and high efficiency. Thanks to the proven one-piece vehicle frame, the wheel loaders are impressive with the following three features:

HIGH LEVEL OF STABILITY

A shift in the centre of gravity is prevented with a full steering lock and also on uneven terrain.

CONSTANT PAYLOAD

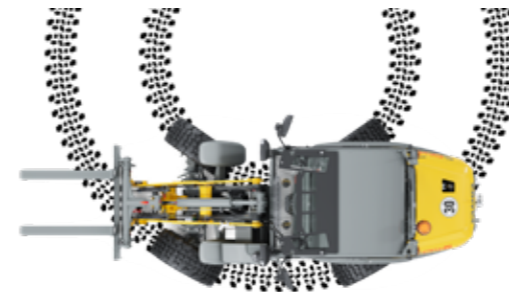
Due to the one-piece frame, there is constant leverage that makes working safe in all load situations. In the process, the payload always stays the same, independent of the steering angle.

GREAT MANOEUVRABILITY

The all-wheel steering and the steering angle of 38° on the front and rear axle provide a high degree of manoeuvrability. Some steering manoeuvres therefore become unnecessary, resulting in shorter cycle times.

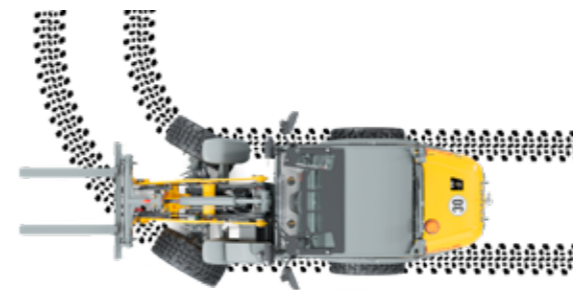
FLEXIBILITY IN USE

THE RIGHT STEERING TYPE FOR EACH AND EVERY APPLICATION



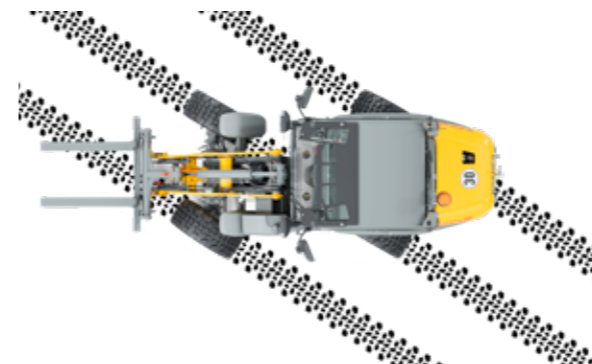
ALL-WHEEL STEERING (STANDARD)

- 2 x 38° steering angle on the front and rear axle ensure quick work processes
- Optimised routes
- Maximum manoeuvrability



FRONT WHEEL STEERING (OPTION)

- Safe and familiar road travel up to 30 km/h*
- Familiar steering system
- Ideal for trailer operation



CRAB STEERING (OPTION)

- Manoeuvrability in the smallest space
- Precise positioning in the tightest conditions
- Easily move away from walls and trenches

* for the models 5040 and 5045

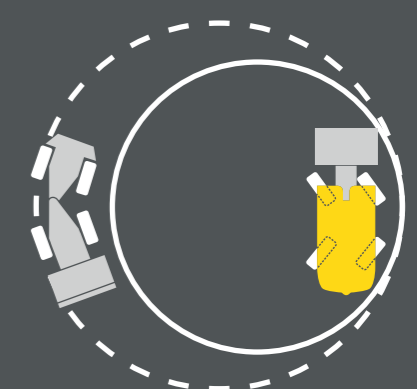
ALL-WHEEL AND ARTICULATED STEERING IN A COMPARISON



With the all-wheel steering, the turning circle is much smaller compared to the articulated steering. This is achieved by the steering lock on the front and rear axle, while only the front and rear carriage moves with the articulated steering.

○ ALL-WHEEL STEERING

⌋ ARTICULATED STEERING (competition)





MAXIMUM COMPACTNESS MINIMAL DIMENSIONS

The compact wheel loaders by Kramer are among the most versatile machines for everyday work and are irreplaceable companions. Due to their narrow and low design, the machines are also in demand where large machines cannot fit.



LOW CLEARANCE HEIGHTS

- Underground car parks and multi-storey car parks
- Archways
- Construction / renovation in buildings



NARROW CLEARANCE WIDTHS

- Parks and cemeteries
- Pathways
- Gardens and properties



SHORT VEHICLE LENGTH

- Gardens and properties
- Construction / renovation in buildings
- Transport

TOTAL LENGTH*



5035: 4,050 mm

5040: 4,090 mm

5045: 4,550 mm

TOTAL HEIGHT**



5035: 2,170 mm (standard)
2,020 mm (option)

5040: 2,170 mm (standard)
2,020 mm (option)

5045: 2,260 mm (standard)
2,110 mm (option)

TOTAL WIDTH***



5035: 1,240 mm - 1,360 mm

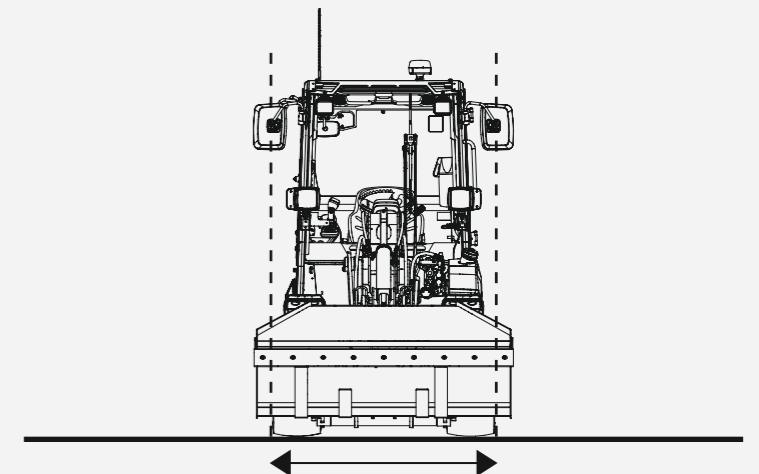
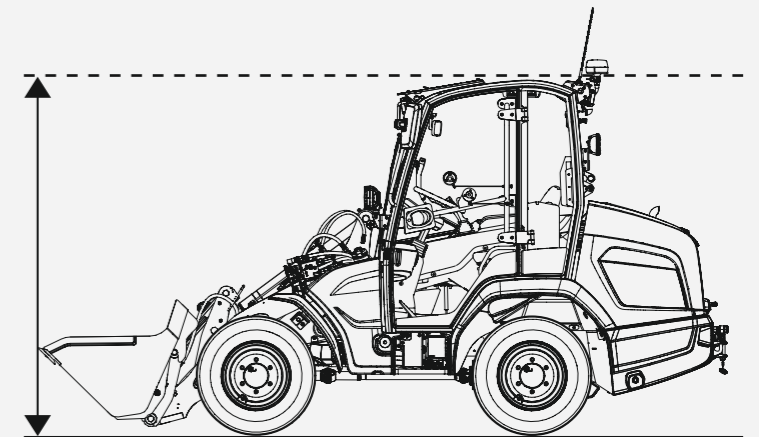
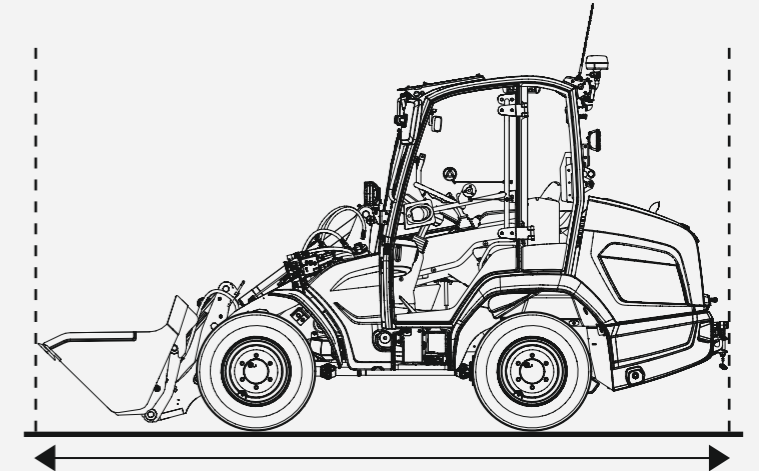
5040: 1,240 mm - 1,360 mm

5045: 1,320 mm - 1,595 mm

* with standard attachment

** two cabin heights, depending on the type of tyres

*** depending on the type of tyres





EASILY TRANSPORTED LOW NET WEIGHT



Thanks to the combination of low net weight and an extreme payload, it is possible to transport the machines from site to site both easily and quickly. This not only saves money, but also increases the machine's output and therefore also increases the daily work output. To do this, both 3.5 t trailers and 7.5 t lorries can be used. It is even possible to also transport a stacking facility and a bucket. When transporting on a lorry, the total height remains below 4 m.

POSSIBLE TO
TRANSFER ADDITIONAL
ATTACHMENTS

TRAILER TRANSPORT	5035	5040	5045
3.5 t trailer*	x	x	x
7.5 t lorry*	x	x	x
Transport weight [kg]**	1,700 (without attachment)	1,900 (without attachment)	2,400 (without attachment)
Operating weight [kg]***	1,955 - 2,200	2,095 - 2,400	2,675 - 2,750

x = PERMISSIBLE

* can deviate depending on the towing vehicle model and equipment, as well as the machine's equipment

** basic equipment without attachment, without operator, full tank (weight varies depending on equipment)

*** weight with a full tank + standard bucket + 75 kg operator weight (ISO 6016 + weight varies depending on equipment)

ON THE MOVE FROM A TO B CONTINUOUSLY ECONOMICAL



What is unique about the 5035 and 5040 is the drive with four wheel hub motors. The 5045 has a central drive system with cardan shaft. Both drives ensure powerful and continuously economical behaviour with a travel speed of 0-20 km/h. The wheel loaders 5040 and 5045 can be optionally equipped with the 30 km/h version.



The illustrated operational scene shows travel according to the road travel regulations (StVO).

- continuously variable power transfer
- sensitive positioning of the machine when handling pallets
- high level of productivity because stopping is not required for changing travel speeds
- quick implementation of the machine with the 30 km/h option

THE BENEFITS OF DRIVE SYSTEM AT A GLANCE

HIGH PERFORMANCE EFFICIENCY EASY TO WORK WITH HEAVY LOADS

Two different kinematic systems come into play with the compact Kramer wheel loaders. Both systems have been thought through to the finest details and are captivating in the most diverse applications with heavy loads.



5035 / 5040

Z-KINEMATICS

The loading system of the 5035 and 5040 is made up of a particularly sturdy and torsion-resistant box section. It has a steep incline, which makes it particularly well suited for heavy bucket works.

- maximum power when working
- strong forces with tipping movements - quick tilting in and tipping out
- compact design for optimal visibility
- sturdy and durable technology for low repair costs
- high breakaway torque on the tipping cylinder



5045

P-KINEMATICS

The specially formed loading system on the 5045 has a low link point through which the highest lift capacities and tipping loads can be achieved. Using the precise parallel guidance, heavy loads, like stone packages, can be precisely positioned.

- safe unloading and loading of heavy loads (e.g. stone packages)
- optimal view to the front of the attachment and to the rear of the whole lifting area
- safe and precise guiding of the attachments
- large tilt-in angle - no loss of material
- large tip-out angle - bucket is completely emptied

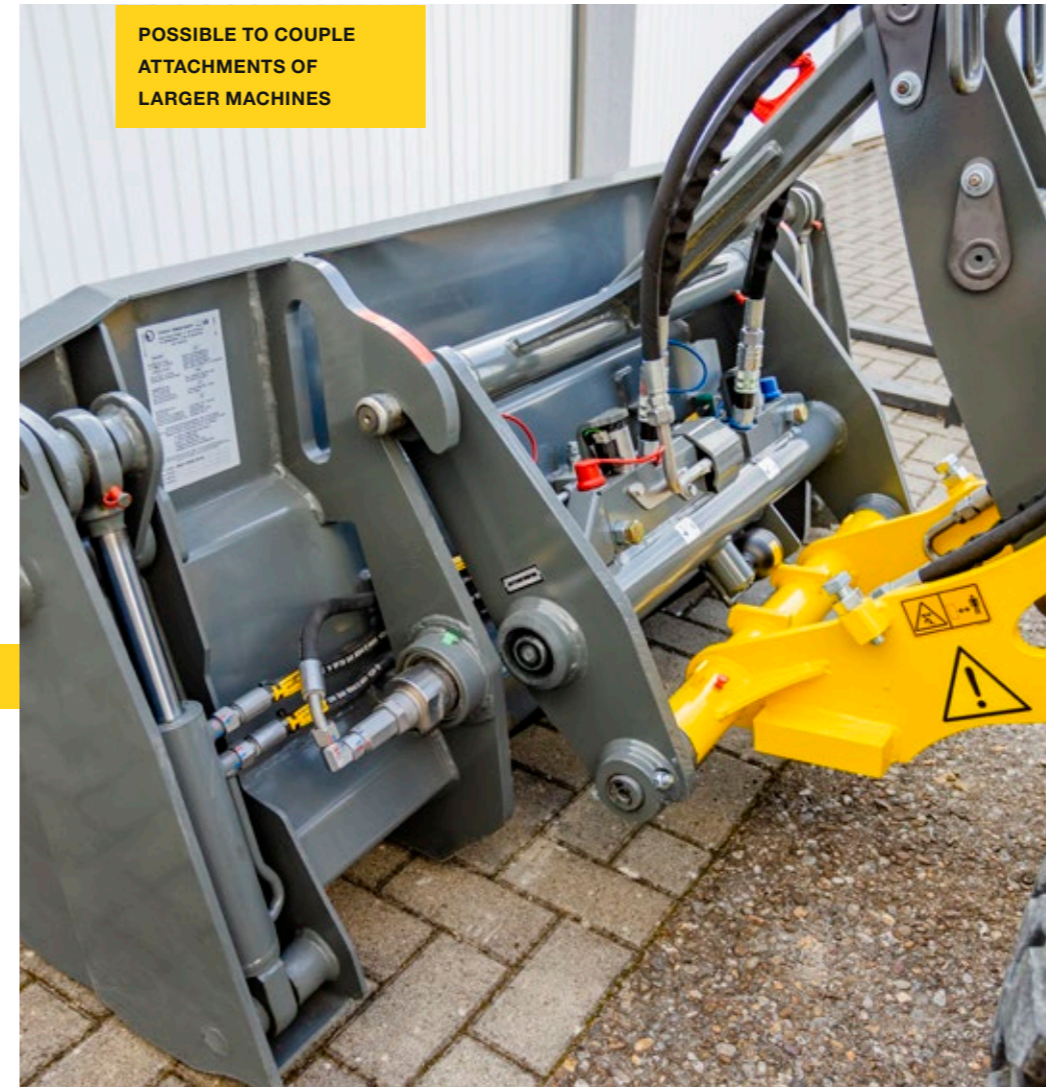
SMART ATTACH

MORE PRODUCTIVITY AND SAFETY



5045

The 5035 and 5040 are equipped with the hydraulic Kramer quickhitch plate as standard. The 5045 has the hydraulic quick-hitch plate of the next largest wheel loader models installed as standard. The current attachments of the largest models can therefore be used without any restrictions. The fully-hydraulic quickhitch system Smart Attach is available as an optional extra. This system guarantees the operator a higher level of safety because there is no need to leave or re-enter the vehicle when coupling hydraulic attachments. In addition to this, costs are reduced with every coupling process as the attachment changeover is faster. Another advantage is that it is possible to couple attachments of larger machines within the Kramer wheel loader product range.



POSSIBLE TO COUPLE
ATTACHMENTS OF
LARGER MACHINES

SIMPLE OPERATION

Hydraulic attachments are comfortably and safely coupled from the cabin without needing to enter and exit.

FAST CHANGEOVER

without manual coupling process for hoses for hydraulic attachments.

CONSTANT PERFORMANCE

for loading, stacking and dumping heights, as well as stacking payload and bucket tipping load.

FUNCTIONAL SAFETY

Problem-free coupling of attachments, which have got warm in the sun and are under severe pressure.

CE-COMPLIANCE

for the machine and attachments.

ENVIRONMENTAL PROTECTION

thanks to the prevention of oil leaks when coupling hydraulic attachments.

EXAMPLE CALCULATION

Every attachment changeover with Smart Attach saves 2.5 minutes when compared with a standard Kramer quick-hitch system.

	10 coupling processes / day
x	2.5 minutes
x	220 working days
x	€30 / h
=	€ 2,750 / year



SEARCH NOW

You can find additional information here
www.kramer.de/smartattach



POWERFUL HYDRAULICS LOTS OF APPLICATION OPPORTUNITIES

CONNECTIBLE
DIFFERENTIAL LOCK FOR
DIFFICULT APPLICATION
CONDITIONS

Connect and disconnect the most varied attachments, sensitive control, quick working cycles and all of this with a low noise level in the cabin.

THE ADVANTAGES OF WORK HYDRAULICS AT A GLANCE

- Convenient operation of attachments, even with several hydraulic functions, via the Joystick
- Pressure release of 3rd control circuit
- Fully hydraulic quick-hitch plate "Smart Attach" (only 5045)
- More power to the drive system from hydraulic attachments through Highflow
- Reversing valve of 3rd control circuit in the rear (5045)



PRESSURE RELEASE OF 3RD CONTROL CIRCUIT



The button for optional pressure release of the 3rd control circuit is more or less centrally fitted to the loader unit. As a result, hydraulic attachments can also be quickly and efficiently changed without the need to switch off the engine.



LOAD STABILISER

The load stabiliser dampens oscillations of the loader unit, providing optimal comfort for man and machine. The activation or deactivation speed of the load stabiliser is 7 km/h. In addition, it is possible to continuously enable or disable the load stabiliser for certain applications.

HIGHFLOW

5040 / 5045

CONCEPT SOLUTION FOR SYSTEM BEARER	5035	5040	5045
Flow rate on 3 rd control circuit [l/min]*	20	30	39
Rear control circuit [l/min]*	-	-	39
Highflow performance hydraulics [l/min]*	-	60	69

* max. pump values

Highflow is made for attachments with an increased need for hydraulic performance, like a snow blower or a mulcher. The hydraulic connections are in a compact design on the left-hand side of the loader unit and ensure a perfect view of the attachment. For the 5045, Highflow is only available with the 33.5 kW engine.



POWERFUL ENGINES FOR EVERY APPLICATION

The 5035 and 5045 are driven by a Yanmar 18.5 kW engine without exhaust after-treatment. The 5040 is equipped with a Yanmar 28.5 kW engine. The 5045 is optionally available with a Yanmar 33.5 kW engine. The exhaust after-treatments on both engines are with DOC and DPF.

SMART DRIVING PRO

THREE OPERATING MODES, FULL POWER  

5040 / 5045

The right operational setting can be selected for every application. No matter whether driving on the road, working with the sweeper or material handling; the operating modes provide the operator with the option to actively influence how the machine should drive. The application can therefore be performed in the best-possible way, cost-effectively and efficiently.



POWER

- load-independent driving
- full engine output
- universal usage
- for use in bucket operation

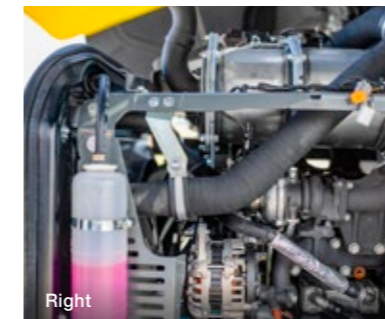
ECO

- low output demand
- noise reduction for the operator
- fuel saving
- for road travel with reduced rpm up to 30 km/h
- for easy stacking works and handling of bulk materials

CSD

- low-speed control and hand throttle
- rpm and travel speed can be set independently of one another
- optimal coordination between machine and attachment
- simple and comfortable operation
- fatigue-free work over longer periods of time
- for works with the sweeping machine, snow blower or mulcher

MAINTENANCE AND MONITORING



EASY AND FREELY ACCESSIBLE

- for daily monitoring and maintenance works
- no dismantling of components required

WIDE-OPENING BONNET

- for familiar Kramer comfort
- tilting of operator platform not required
- good accessibility from four sides (above, rear, right and left)

EQUIPCARE - TELEMATICS

The EquipCare telematics module is installed as standard on all Kramer vehicles. The module provides data and facts about your machine, which you can easily view via the Manager or an app.



SEARCH NOW

You can find additional information here
www.kramer.de/equipcare



TECHNICAL HIGHLIGHTS

SIMPLE OPERATION – INNOVATIVE CABIN DESIGN



EASY CABIN ENTRY

The wide entrance with a step and handles ensures for a comfortable and safe entry and exit for the operator:

- cabin door lockable at 180 degrees
- comfortable entry with maximum lock angle
- two handles and large step
- sufficient spare space above the central tunnel
- spacious footwell
- and much more



ADJUSTABLE STEERING COLUMN

The optional incline-adjustable steering column can be adapted to the operator's needs:

- adjustable to every operator's size
- work comfortably and fatigue-free
- incline-adjustable display
- and much more

EVERYTHING UNDER CONTROL INSIDE

EVERYTHING IN VIEW OUTSIDE

The innovative cabin design provides the additional benefits of comfort and user-friendliness. Large glazed areas combined with narrow cabin pillars ensure excellent all-round visibility. The low and comfort cabins are also optionally available. A canopy version is also available for the 5035 and 5040.

TWO CABIN OPTIONS

for maximum compactness or maximum comfort.

360° ALL-ROUND VISIBILITY

Narrow cabin pillars and large glazed areas provide an excellent view of the attachment and the work area from both cabins.



ERGONOMIC CONTROL ELEMENTS

The most important control elements and switches are ergonomically arranged and colour-labelled. All important switches are located within reach of the right hand:

- joystick
- operator mode
- steering mode adjustment
- heater and ventilation
- and much more




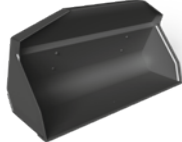

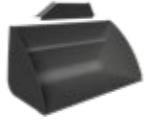








CLEANING FLAP

The cleaning flap is on the right side of the cabin and fastened with a damper:






- easy cleaning of the cab floor
- easy access to the cabin air filter and main control equipment
- and much more

PRODUCT RANGE OF ATTACHMENTS

PALLET FORK	PALLET FORK fold-down	PALLET FORK hydraulic parallel adjustment	STANDARD BUCKET with rip-out teeth
			
STANDARD BUCKET without rip-out teeth	STANDARD BUCKET without rip-out teeth, with screwed-on blade	BULK MATERIAL BUCKET	POWER GRAB BUCKET with rip-out teeth
			
POWER GRAB BUCKET without rip-out teeth	LOAD HOOK Attachable	ROTARY SWEEPER	SNOWPLOUGH MODEL A
			
SALT SPREADER			
			

Exact specifications and availabilities of attachments vary by model and country. Your competent Kramer dealer will be happy to help you.

TYRE PRODUCT RANGE

UNIVERSAL TREAD	MUNICIPAL TREAD	TRACTION TREAD
		
<ul style="list-style-type: none"> ■ good self-cleaning ■ good flank protection ■ high running performance 	<ul style="list-style-type: none"> ■ good winter serviceability ■ high running performance ■ noise-optimised ■ for use on and off of the road 	<ul style="list-style-type: none"> ■ good track guiding ■ high level of driving safety ■ good self-cleaning ■ high running performance
CONSTRUCTION MACHINE TREAD	INDUSTRIAL TREAD	
		
<ul style="list-style-type: none"> ■ high running performance ■ high level of traction ■ good mobility on soft ground ■ good self-cleaning 	<ul style="list-style-type: none"> ■ good self-cleaning ■ good lateral stability ■ high running performance, especially when used on hard and aggressive substrates ■ high level of traction 	

Choosing the right tyres is crucial when it comes to using your wheel loader. Tyres are available in different widths. Exact tyre specifications and availabilities vary by model and country. Your competent Kramer dealer will be happy to help you.

TECHNICAL DATA

WEIGHT	5035	5040	5045
Operating weight [kg]*	1,955 - 2,200	2,095 - 2,400	2,675 - 2,750
Transport weight [kg]**	1,700	1,900	2,400
Approved trailer load [kg]***	750 / 1,750	750 / 1,750	750 / 3,500

ENGINE			
Make	Yanmar	Yanmar	Yanmar
Type/model standard	3TNV82A	3TNV86CT	3TNV82A
Type/model optional	-	-	3TNV86CHT
Output, standard [kW]	18.5	28.5 (DOC + DPF)	18.5
Output, option [kW]	-	-	33.3 (DOC + DPF)
Max. torque, standard [Nm at rpm]	85.5 at 1,500	132.2 at 1,690	85.5 at 1,500
Max. torque, option [Nm at rpm]	-	-	148 at 1,690
Displacement, standard [cm ³]	1,331	1,568	1,331
Displacement, option [cm ³]	-	-	1,568
Exhaust emission stage	EU stage V	EU stage V	EU stage V

POWER TRANSMISSION			
Drive	Variably controlled axial piston pumps		
Max. speed, standard [km/h]	20	20	20
Maximum speed, option [km/h]	-	30	30
Axles	Axle carrier made of cast steel with wheel hub motors		planetary steering axle
Total oscillating angle [°]	±7	±7	±6
Differential lock, standard [%]	-	-	100% front axle
Differential lock, option [%]	Compensation differential hydraulic		-
Service brake	Hydrostatically	Hydrostatically	Hydraulic disc brake
Parking brake	Spring-loaded multi-disc braking system, electro-hydraulically controlled to HA		Mechanical disc brake
Standard tyres	27x10.5-15	27x10.5-15	10.0/75-15.3

STEERING AND WORK HYDRAULICS			
Steering system functionality	Hydrostatic all-wheel steering with emergency steering properties		
Functioning of work hydraulics	Gear pump		
Steering cylinder	One steering cylinder per axle carrier		One steering cylinder per axle
Max. steering angle [°]	38	38	38
Flow rate on 3 rd control circuit, standard [l/min]	20	30	39
Highflow performance hydraulics, option [l/min]	-	56	69
Max. pressure [bar]	240	240	240
Quickhitch system	Kramer HV/WL – S	Kramer HV/WL – S	Kramer HV/WL – C
Pilot operation	Mechanical		
Pilot control of 3 rd control circuit	Electro-hydraulic		

TECHNICAL DATA

KINEMATICS	5035	5040	5045
Design system	Z-kinematics	Z-kinematics	P-kinematics
Lifting force calculation according to ISO 14397-2 hydraulic [kN]	11.5	15.8	23.5
Lifting force calculation according to ISO 14397-2 hydraulic [kN]	12.2	13.3	28.3
Lift/lower lift cylinder [s]	6.0 / 4.5	6.0 / 4.5	4.4 / 2.3
Tilt in/tilt out tilt cylinder (upper position of the loader unit) [s]	2.4 / 3.3	2.2 / 2.4	2.7 / 3.5
Tilt-in/tilt-out angle [°]	43 / 40	43 / 40	45 / 45
Bucket tipping load [kg]	1,200	1,400	2,270
Stacking payload S=1.25 [kg]	750	900	1,310

CAPACITIES			
Fuel tank, standard [l]	48	48	56
Hydraulic oil tank [l]	40	40	19

ELECTRICAL SYSTEM			
Operating voltage [V]	12	12	12
Battery/alternator, standard engine [Ah/A]	74 / 55	74 / 55	74 / 55
Battery/alternator, optional engine [Ah/A]	-	-	74 / 80
Starter motor, standard [kW]	1.7	1.7	1.7

NOISE EMISSIONS****			
Measured value, standard engine [dB(A)]	99	99	96.9
Measured value, optional engine [dB(A)]	-	-	99.1
Guaranteed value, standard engine [dB(A)]	101	101	101
Guaranteed value, optional engine [dB(A)]	-	-	101
Noise level at the operator's ear, standard engine [dB(A)]	80	80	76
Noise level at the operator's ear, optional engine [dB(A)]	-	-	77

VIBRATIONS*****			
Vibration total value of the upper body extremity [m/s ²]	< 2.5 m/s ² (< 8.2 feet/s ²)		
Highest effective weighted acceleration value for the body [m/s ²]	< 0.5 m/s ² (< 1.64 feet/s ²)***** 1.28 m/s ² (4.19 feet/s ²)*****		

* Weight with a full tank + standard bucket + 75 kg operator weight (ISO 6016 + weight varies depending on equipment)

** Basic equipment without attachment, without operator, full tank (weight varies depending on equipment)

*** Maximum trailer load. Can deviate depending on the trailer coupling and attachment

**** Information: The measurement occurs as per the requirements of the standard EN 474 and the directive 2000/14/EC. Measuring station: Paved surface.

***** Measurement uncertainty as specified in ISO/TR 25398:2006. Please instruct or inform the operator of possible dangers caused by vibrations.

***** On flat and solid ground with the corresponding driving style

***** Application in extraction under harsh environmental conditions

TECHNICAL DATA

5035 STANDARD LOADER UNIT	STANDARD	BULK MATERIAL	BULK MATERIAL	GRAB
	with rip-out teeth			with rip-out teeth
				
Bucket capacity [m ³]	0.35	0.45	0.50	0.23
Material density [t/m ³]	1.80	1.20	1.00	1.80
Overall length of attachment [mm]	780	840	880	677
Overall length with attachment (transport position) [mm]	4,050	4,100	4,120	4,090
Bucket width [mm]	1,250	1,250	1,400	1,400
Bucket pin point [mm]	2,800	2,800	2,800	2,800
Load-over height [mm]	2,680	2,680	2,670	2,600
Dumping height [mm]	2,290	2,190	2,170	2,240
Dumping range [mm]	260	370	380	200
Digging depth [mm]	60	60	70	140
Attachment weight [kg]	113	129	153	189

5040 STANDARD LOADER UNIT	STANDARD	BULK MATERIAL	BULK MATERIAL	GRAB
	with rip-out teeth			with rip-out teeth
				
Bucket capacity [m ³]	0.36	0.45	0.50	0.23
Material density [t/m ³]	1.80	1.40	1.20	1.80
Overall length of attachment [mm]	829	840	880	677
Overall length with attachment (transport position) [mm]	4,090	4,100	4,120	4,090
Bucket width [mm]	1,400	1,250	1,400	1,400
Bucket pin point [mm]	2,800	2,800	2,800	2,800
Load-over height [mm]	2,680	2,680	2,670	2,600
Dumping height [mm]	2,260	2,190	2,170	2,240
Dumping range [mm]	290	370	380	200
Digging depth [mm]	60	60	70	140
Attachment weight [kg]	129	129	153	189

TECHNICAL DATA

5045 STANDARD LOADER UNIT	STANDARD	BULK MATERIAL	BULK MATERIAL	GRAB
	with rip-out teeth			with rip-out teeth
				
Bucket capacity [m ³]	0.45	0.55	0.80	0.35
Material density [t/m ³]	1.80	1.80	1.20	1.80
Overall length of attachment [mm]	947 / 897*	808	969	876 / 820*
Overall length with attachment (transport position) [mm]	4,550 / 4,520*	4,460	4,570	4,510 / 4,470*
Bucket width [mm]	1,350 / 1,650*	1,650	1,850	1,350 / 1,650*
Bucket pin point [mm]	2,520	2,520	2,520	2,520
Load-over height [mm]	2,350	2,340	2,340	2,350
Dumping height [mm]	1,830 / 1,870*	1,800	1,690	1,840 / 1,930*
Dumping range [mm]	240 / 200*	250	360	230 / 120*
Digging depth [mm]	50	65	65	50
Attachment weight [kg]	201 / 215*	236	292	285 / 315*

* depending on the type of tyres

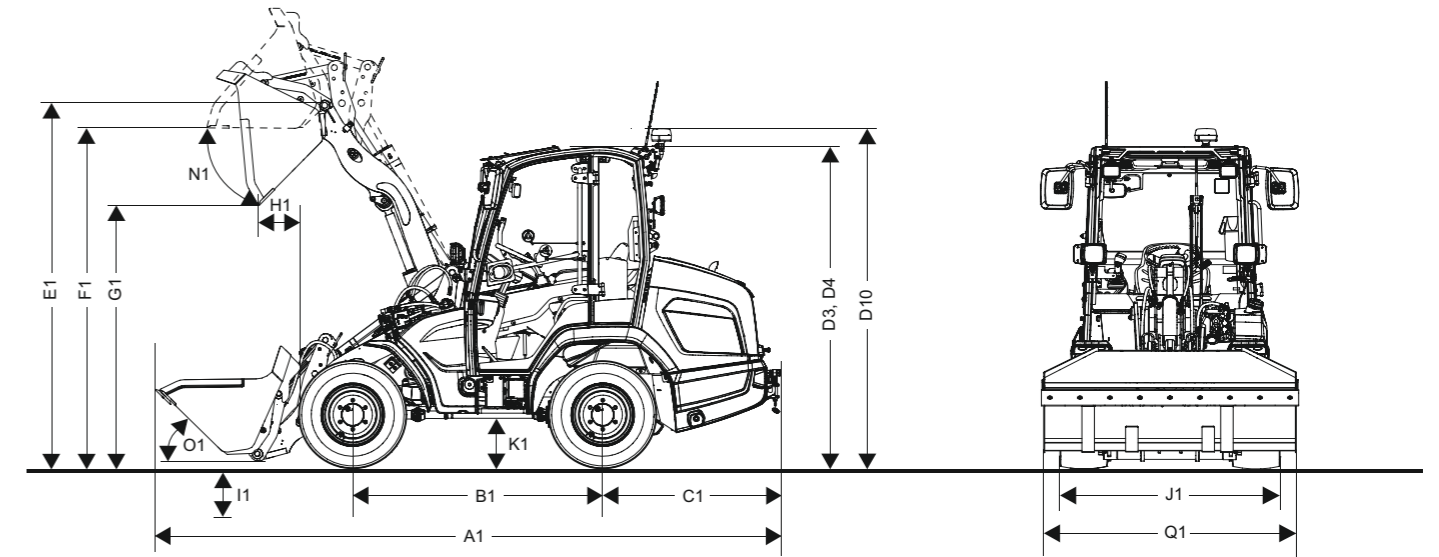
TECHNICAL DATA

PALLET FORK	5035	5040	5045
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Load centre [mm]	400	400	500
Width of the fork carriage [mm]	1,000	1,000	1,200
Length of the fork tines [mm]	800	800	1,000
Stacking device tipping load [kg]	930	1,125	1,640
Stacking payload S=1.25 [kg]	750	900	1,310
Stacking payload S=1.67 [kg]	560	670	980
Stacking height [mm]	2,630	2,630	2,420
Lift height, mast horizontal [mm]	1,290	1,290	1,020
Digging depth [mm]	100	100	45
Reach on ground [mm]	480	480	440
Reach, mast horizontal [mm]	960	960	760
Reach at max. height [mm]	10	10	-60

TECHNICAL DATA



DIMENSIONS		5035	5040	5045
A1	Total length with standard attachment [mm]	4,050	4,090	4,550
B1	Wheelbase, middle [mm]	1,525	1,525	1,760
C1	Rear overhang [mm]	1,140	1,140	1,215
D3	Height with cab [mm]	2,170	2,170	2,260
D4	Height with cabin low [mm]*	2,020	2,020	2,110
D10	Total height with rotating beacon [mm]	2,490	2,490	2,390
E1	Bucket pin point [mm]	2,800	2,800	2,520
F1	Load-over height [mm]	2,680	2,680	2,350
G1	Dumping height [mm]	2,290	2,260	1,830
H1	Dumping range [mm]	2,060	2,090	240
I1	Digging depth [mm]	60	60	50
J1	Total width [mm]	1,240 - 1,360	1,240 - 1,360	1,320 - 1,595
K1	Ground clearance [mm]	220	220	230
L1	Turning radius of outer edge of wheels [mm]	2,000	2,000	2,330
N1	Tipping angle with max. lift height [°]	40	40	45
O1	Tipping angle to the ground [°]	43	43	45
Q1	Bucket width [mm]	1,250	1,250	1,350
R1	Stacking height [mm]	2,630	2,630	2,420

* reference to back of fork

* depending on the type of tyres





KRAMER
on the safe side



WHEEL LOADERS

Bucket capacity: 0.35 - 1.80 m³



TELESCOPIC WHEEL LOADERS

Bucket capacity: 0.65 - 1.45 m³



TELEHANDLERS

Payload: 1,450 – 5,500 kg

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