KRAMER
on the safe side

EFFICIENCY STARTS NOW

THE WHEEL LOADERS AND TELESCOPIC WHEEL LOADERS
KL36.8 / KL38.8 / KL41.8 / KL43.8 / KL33.8T / KL37.8T

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.

EFFICIENCY STARTS NOW

DISCOVER THE ALL-WHEEL WHEEL LOADERS AND TELESCOPIC WHEEL LOADERS IN THE 0.85 – 1.15 m³ CLASS

Features, functions and comfort make driving with the premium series by Kramer a unique driving experience. Aside from this, the energy-efficient drive system make work both extremely productive and cost-effective.

NOTE: This symbol indicates functions that positively affect your resources (money, personnel, time).

SCAN NOW
Go to the Kramer dealer search here
www.kramer.de/dealerlocator

OPERATING AND PERFORMANCE DATA	KL36.8	KL36.8L	KL38.8	KL38.8L
Engine output standard [kW]	55.4	55.4	55.4	55.4
Engine output option [kW]	-	-	-	-
Bucket capacity [m³]	0.85	0.75	0.95	0.85
Bucket tipping load [kg]	3,650	3,000	3,890	3,240
Stacking payload S=1.25 [kg]	2,150	1,850	2,300	1,950
Operating weight [kg]*	4,600-5,200	4,600-5,200	5,000-5,600	5,000-5,600

* Weight with standard components and full tank + standard bucket + 75 kg operator weight (ISO 6016).

OPERATING AND PERFORMANCE DATA	KL41.8	KL43.8	KL43.8L	KL33.8T	KL37.8T
Engine output standard [kW]	55.4	55.4	55.4	55.4	55.4
Engine output option [kW]	74.4	74.4	74.4	-	74.4
Bucket capacity [m³]	1.05	1.15	1.15	0.85	0.95
Bucket tipping load [kg]	4,100	4,250	4,250	3,300	3,700
Stacking payload S=1.25 [kg]	2,500	2,900	2,900	2,100	2,400
Operating weight [kg]*	5,300-6,000	5,700-6,500	5,700-6,500	5,700-6,600	6,000-6,800

* Weight with standard components and full tank + standard bucket + 75 kg operator weight (ISO 6016).

MACHINE HIGHLIGHTS AT A GLANCE
EXTERNALLY STURDY, INTERNALLY COMFORTABLE

1 QUICKHITCH SYSTEM SMART ATTACH
Hydraulic attachments are comfortably and safely coupled from the cabin without needing to enter and exit.

2 FLEXIBLE IN APPLICATION
with a 3rd control circuit, optionally available are a 4th control circuit and the Powerflow performance hydraulics.

3 LOADING SYSTEM RANGE
with standard or extended loading system and telescopic loader unit.

4 WORK HYDRAULICS
ensure increased productivity as up to three hydraulic movements can be performed at the same time (LUDV).

5 EXCELLENT PERFORMANCE VALUES
with compact dimensions and low net weight.

6 360° ALL-ROUND VISIBILITY
thanks to the large area of glazing. The standard cabin is installed as standard; a panoramic cabin is optionally available, which extends visibility upwards.

7 7-INCH LCD DISPLAY (OPTION)
provides various setting options, like joystick sensitivity and angle indicator. Abundant operational information can likewise be viewed.

8 COMFORTABLE CABIN
due to the ergonomically arranged operator control and fold-down armrest. The cabin can be reached via an entry/exit on both sides.

9 VARIABLE DRIVE SYSTEM
optionally up to 40 km/h – for sensitive working and high pushing power.

10 FOUR OPERATING MODES: POWER, ECO, ROAD AND CSD
The right and fuel-saving operational setting for every application with just the click of a button.

11 POWERFUL ENGINES
with high-power delivery and low noise levels.

12 HEIGHT ADJUSTABLE BALL HITCH
with approval for the most diverse applications as a tractor.

13 VARIOUS TYRE OPTIONS
for a wide range of application areas.

14 FOUR STEERING TYPES
Unique steering system with all-wheel, crab steering, manual crab steering and front-wheel steering.

15 EXCELLENT TRACTION
thanks to the 100% connectible differential lock.

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 tried and tested one-piece vehicle frame, the wheel loader impresses with the following three properties:

HIGH LEVEL OF STABILITY

A shift in the centre of gravity itself when on full steering lock is avoided and that also applies on uneven ground.

ENORMOUS MANOEUVRABILITY

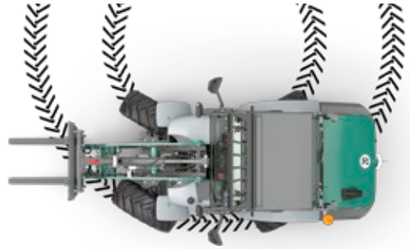
The all-wheel steering and the steering angles of 40° on the front and rear axle allow you a high degree of manoeuvrability. Some steering manoeuvres therefore become unnecessary, resulting in shorter cycle times.

CONSTANT PAYLOAD

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

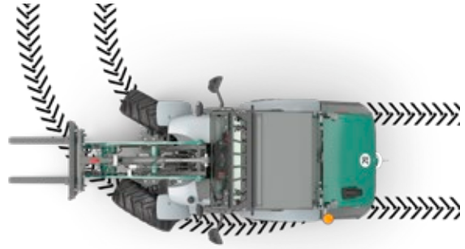
FOUR STEERING TYPES AS STANDARD
THE RIGHT STEERING TYPE FOR EACH AND EVERY APPLICATION

ALL-WHEEL STEERING



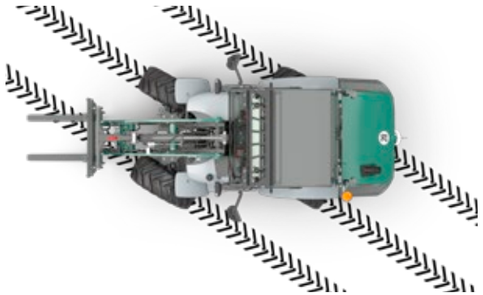
- 2 x 40° steering angle on the front and rear axle ensure quick work processes
- optimised routes
- maximum manoeuvrability

FRONT WHEEL STEERING



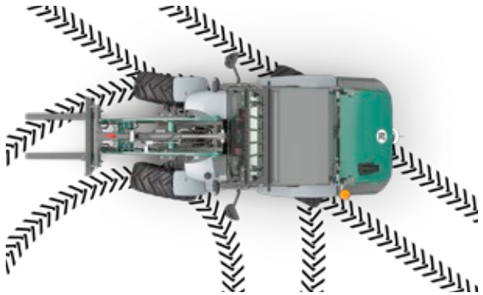
- safer and more familiar road driving up to 40 km/h
- familiar steering system
- ideal for trailer operation

CRAB STEERING



- manoeuvring in the tightest space
- precise positioning in the tightest conditions
- easily move away from walls and trenches

MANUAL CRAB STEERING



- easy guidance of special attachments
- ground protection for sensitive subbase

SMART STEERING

The required turning of the steering wheel is reduced: achieve a greater steering angle with less steering movement.

- more productivity in the daily routine
- faster turning manoeuvres
- fatigue-free work

SMART ATTACH
MORE PRODUCTIVITY AND SAFETY

The fully-hydraulic quickhitch system Smart Attach is installed as standard – therefore providing the operator with even more safety as there is no need to exit the vehicle to couple hydraulic attachments. Additionally, money is saved with every coupling procedure, because the attachment changeover is performed more quickly.

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

QUICK CHANGEOVER
without manual coupling process for hoses for hydraulic attachments.

CONSTANT PERFORMANCE
for load-over, stacking and dumping heights, as well as for stacking payload and bucket tipping load.

FUNCTION 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.

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

EXAMPLE CALCULATION

Every attachment changeover with Smart Attach saves 2.5 minutes of time when compared with the standard Kramer quick-hitch system “Standard”.

	10 coupling procedures/day
x	2.5 minutes
x	220 working days
x	€ 30/hr
=	**€ 2,750/year**

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

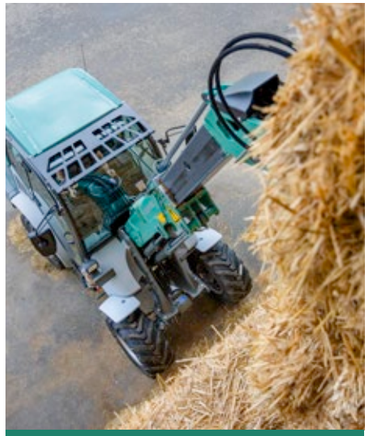
UP HIGH WITH THE TELESCOPIC LOADING SYSTEM
MORE POSSIBILITIES

The telescopic wheel loaders from Kramer are full-fledged wheel loaders with extra reach, stacking and dumping height. The telescoping loading facility reaches even greater heights and distances safely and precisely. This significantly improves productivity and economic efficiency.

POWERFUL Z-KINEMATICS
are impressive with high load capacities at maximum range and lift height.

OPTIMAL OVERVIEW
through narrow box construction and optional panoramic cabin.

MAXIMUM VERSATILITY
in wheel loader application.



+48% STACKING HEIGHT

+45% LOAD-OVER HEIGHT

+58% DUMPING HEIGHT

LOADING SYSTEM VARIETY

1. STANDARD LOADER UNIT (P-KINEMATICS)
- high lift and tear out forces
- precise parallel guidance over the entire lift height

2. OPTIONAL EXTENDED LOADER UNIT (P-KINEMATICS)
- increased lift height
- extension of the loader unit by 260 mm (0.85 – 0.95 m^3 class)

POWERFUL HYDRAULICS
SENSITIVELY CONTROLLING THE MACHINE

Connect and disconnect different attachments, sensitive control, quick working cycles and all of this with a low noise level in the cab: The technology behind the work hydraulics of our machines makes this possible.

THE BENEFITS OF THE WORK HYDRAULICS AT A GLANCE

- convenient operation of attachments, even with several hydraulic functions, via the joystick
- pressure release of 3rd control circuit and fully hydraulic quickhitch plate Smart Attach
- more power to the drive system from hydraulically activated attachments through Powerflow
- hydraulic oil cooler for long-time application during power operation

LOAD PRESSURE-INDEPENDENT FLOW DISTRIBUTION

Work hydraulics with load-independent flow distribution (LUDV) ensure equal distribution of the hydraulic oil to the individual control circuits. Thus several functions can be simultaneously performed independent of the load:

1 Lifting and lowering

2 Extending and retracting

3 Tilting in and out

LOAD STABILISER

The load stabiliser dampens oscillations of the loader unit, providing optimal comfort for both the operator and the machine. The engagement and disengagement of the speed of the automatic function can be individually adjusted. In addition, it is possible to continuously enable or disable the load stabiliser for certain applications.

powerflow

CONCEPT SOLUTION FOR SYSTEM BEARER	KL36.8	KL38.8	KL41.8	KL43.8	KL33.8T	KL37.8T
Flow rate 3rd control circuit [l/min]*	70	70	80	80	90	90
Rear control circuit [l/min]*	45	45	45	45	45	45
Powerflow performance hydraulics [l/min]*	100	100	110	110	120	120

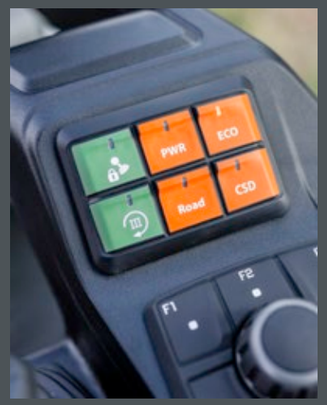
* max. pump values

POWERFLOW

Powerflow is made for attachments with 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 perfect visibility of the attachment.

FOUR OPERATING MODES, FULL PERFORMANCE
ALWAYS THE RIGHT CHOICE

The right operator setting can be selected for every application. No matter whether driving on the road, working with the sweeper or materials handling, the operator modes provide the operator with the option to actively influence the machine's driving behaviour. As a result, the application can be performed as best as is possible, cost-effectively and efficiently.



POWER
- automotive, familiar handling
- for the hardest of application in bucket operation

ROAD
- for driving on roads
- travel speeds up to 40 km/h
- additional coasting function

ECO
- up to 10% fuel savings*
- wheel loader works with the lowest possible engine rpm
- no performance reduction
- noise reduction for the operator
- for any application

CSD
- low-speed control or hand throttle
- engine rpm and travel speed can be set independently of one another
- e.g. for work with the sweeper, maintenance works

* Measurement compared to previous model

VARIABLY ECONOMICAL
THE KRAMER HIGH-SPEED TRANSMISSION

ecospeed is a stepless high-speed drive, co-developed by Kramer. It allies maximum efficiency with optimal environmental sustainability. Via an electronic control module, the transmission is automatically adapted to the respective load condition of the machine. So you can always rely on maximum pushing power.

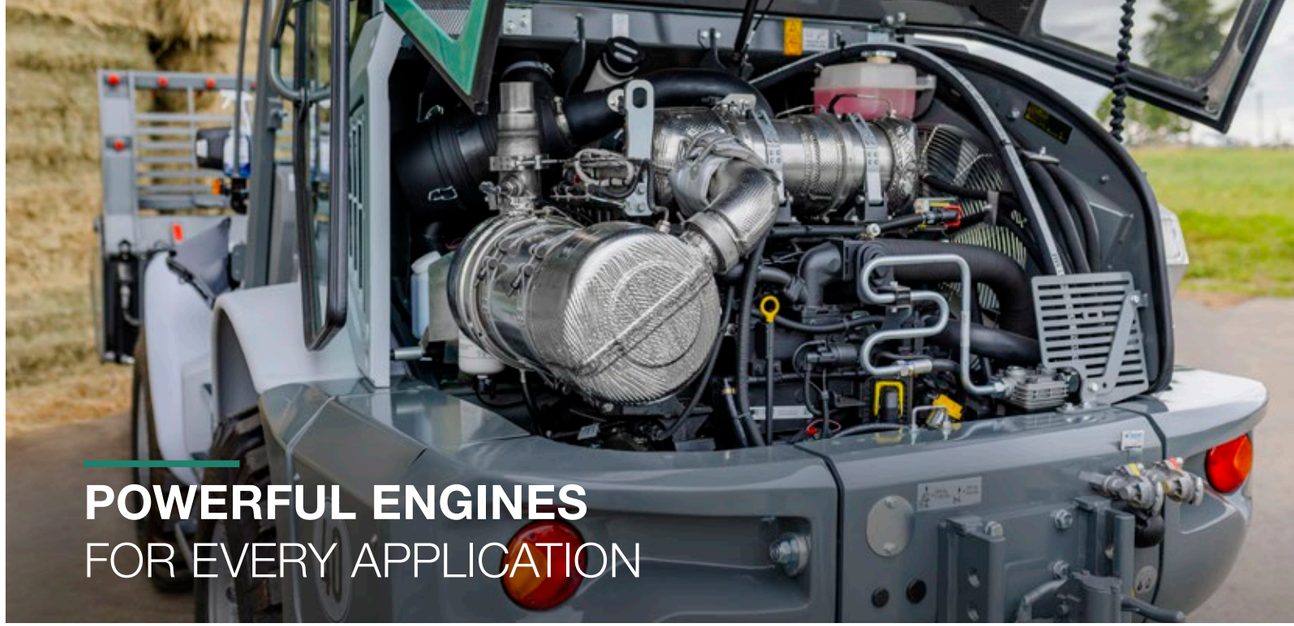
- max. propulsive/traction force in all driving and working situations
- reduced fuel consumption
- reduced noise emissions from working in the optimal characteristic range of the diesel engine

THE BENEFITS OF ECOSPEED AT A GLANCE

TRANSPORT NO MATTER WHAT, NO MATTER WHERE
APPROVAL AS A TRACTOR (EC TRACTOR)

The ball hitch in conjunction with a tractor approval (both optional) makes every wheel loader and telescopic wheel loader the perfect towing vehicle.. In this way, you can transport work machines, tools, materials and attachments on site – even on public roads. This saves you valuable time and therefore also costs.

MAXIMUM PERMISSIBLE TRAILER LOADS	KL36.8	KL38.8	KL41.8	KL43.8	KL33.8T	KL37.8T
Coupling Type	Bolt/ Ball joint	Bolt/ Ball joint	Bolt/ Ball joint	Bolt/ Ball joint	Bolt/ Ball joint	Bolt/ Ball joint
Trailer load without brakes [kg]	1,000	1,000	1,000	1,000	1,000	1,000
Trailer load with brakes [kg]	3,500	3,500	3,500	3,500	3,500	3,500
Trailer load braked with automatic drawbar [kg]	8,000	8,000	8,000	8,000	8,000	8,000
Trailer load braked with automatic drawbar and pneumatic brake system [kg]	-	-	14,000	14,000	-	14,000



POWERFUL ENGINES
FOR EVERY APPLICATION

The standard, installed 55.4 kW (75 hp) engine has a diesel oxidation catalytic converter (DOC) and a diesel particulate filter (DPF). For the models KL41.8, KL43.8 and KL37.8T a 74.4 kW (100 hp) engine with DOC, DPF and SCR technology is optionally available. The proportion of nitrogen oxide is significantly reduced by the SCR (selective catalytic reduction).

MAINTENANCE AND CONTROL

SIMPLE AND EASILY ACCESSIBLE
- for the daily control procedures and maintenance works
- no disassembly of other units required

ENGINE BONNET OPENS WIDE
- for familiar comfort
- tipping the operator's platform is not required

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 app.

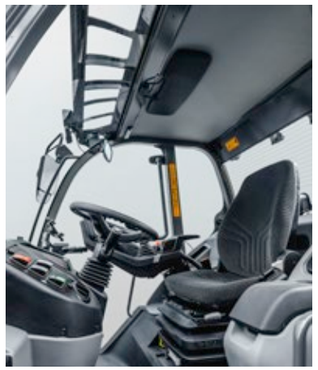
SCAN NOW
You can find additional information here
www.kramer.de/equipcare

EVERYTHING UNDER CONTROL INSIDE
EVERYTHING IN VIEW OUTSIDE

The 8-series offers even more comfort, ergonomics and functionality. The result is an extremely spacious cabin with a great deal of space with a very good all-round visibility. You can select from the standard or panoramic cabin.

TWO CABIN OPTIONS
for maximum compactness or maximum visibility upwards.

360° ALL-ROUND VISIBILITY
Narrow cabin pillars and large glazed areas ensure an excellent view of the attachment and the work area in both cabins.



Standard cabin:
compact vehicle height

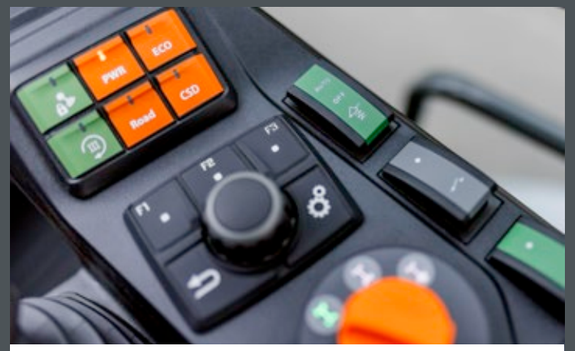
Panoramic cab:
improved visibility upwards

TECHNICAL HIGHLIGHTS
SIMPLE OPERATION – INNOVATIVE CABIN DESIGN

7-INCH LCD DISPLAY*

The display is installed directly in the armrest. All important vehicle data, setting options and functions are shown on the display:

- joystick sensitivity
- activation speed of load stabiliser
- oil volume adjustment of 3rd control circuit
- adjustable traction control
- and much more



ASSISTANCE SYSTEMS

The assistance systems are easy to use, they provide the operator with safe and efficient control in their day-to-day work:

- rear-view camera
- vibrating function
- angle indicator for attachments on the display
- bucket and loader unit automatic return
- and much more

ARMREST

The fold-down armrest is mounted on the operator's seat and can be comfortably adapted longitudinally to the operator's needs. The most important control elements and switches are ergonomically arranged and colour-labelled:

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

CABIN ENTRY ON BOTH SIDES

The fold-down armrest enables the operator to safely and comfortably enter and exit the vehicle, even on the side of traffic:

- generously designed access area with stair-shaped steps and handles
- right cabin door fully usable

* Optionally available. A circular instrument is installed as standard.

PRODUCT RANGE OF ATTACHMENTS

STACKING UNIT

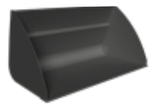
STACKING UNIT
fold-down

STACKING UNIT
hydraulic parallel adjustment

STANDARD BUCKET
with 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

SIDE TILT BUCKET

HIGH TIP BUCKET

MATERIAL SLIDE

ROTARY SWEEPER

SNOWPLOUGH MODEL A

SNOWPLOUGH MODEL B

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

PRODUCT RANGE OF TIRES

CONSTRUCTION MACHINE PROFILE

- high running performance
- high level of traction
- good mobility on soft ground
- good self-cleaning

MULTI-PURPOSE PROFILE

- smooth running on the road
- good traction
- particularly well-suited to sand and gravel
- good resistance capacity

MUNICIPAL PROFILE

- for use on and off of the road
- noise-optimised
- high running performance
- good winter serviceability

TRACTION PROFILE
diagonal

- good self-cleaning
- good track guiding
- high level of driving safety

MULTI-PURPOSE TREAD

- high level of protection from impact and cutting damage
- high lift capacity
- excellent stability and improved operating comfort
- good traction
- high running performance

MUNICIPAL TREAD

- smooth running on the road
- good traction
- very good winter serviceability
- good resistance capacity

TRACTION TREAD
radial

- smooth running on the road
- very good self-cleaning
- ideal on muddy terrain and on loamy ground

Choosing the right tyres is crucial when it comes to using your wheel loader. Exact tyre specifications and availability varies depending on the model and country. Your competent Kramer dealer will be happy to help you.

TECHNICAL DATA

ENGINE	KL36.8	KL38.8	KL41.8	KL43.8	KL33.8T	KL37.8T
Make	Deutz	Deutz	Deutz	Deutz	Deutz	Deutz
Model/design system standard	TCD 2.9	TCD 2.9	TCD 2.9	TCD 2.9	TCD 2.9	TCD 2.9
Model/design system option	-	-	TCD 3.6	TCD 3.6	-	TCD 3.6
Output standard TCD 2.9 [kW]	55.4	55.4	55.4	55.4	55.4	55.4
Output option TCD 3.6 [kW]	-	-	74.4	74.4	-	74.4
Max. torque standard TCD 2.9 [Nm at rpm]	300 at 1,600	300 at 1,600	300 at 1,600	300 at 1,600	300 at 1,600	300 at 1,600
Max. torque option TCD 3.6 [Nm at rpm]	-	-	410 at 1,600	410 at 1,600	-	410 at 1,600
Displacement standard TCD 2.9 [cm^3]	2,924	2,924	2,924	2,924	2,924	2,924
Displacement option TCD 3.6 [cm^3]	-	-	3,621	3,621	-	3,621
Exhaust emission stage	EU Stage V	EU Stage V	EU Stage V	EU Stage V	EU Stage V	EU Stage V

POWER TRANSMISSION						
Drive	infinitely variable axial piston pump					
Max. speed standard [km/h]	20	20	20	20	20	20
Max. speed option 1 [km/h]	30	30	30	30	30	30
Max. speed option 2 [km/h]	40	40	40	40	40	40
Axles	planetary steering axle					
Total oscillating angle [°]	±11	±11	±11	±11	±11	±11
Differential lock [%]	100% FA + RA	100% FA + RA	100% FA + RA	100% FA + RA	100% FA + RA	100% FA + RA
Service brake	hydraulic disc brake					
Parking brake	hand-operated mechanical disc brake					
Standard tyres	340/80-20	340/80-20	400/70-20	405/70-24	340/80-20	400/70-20

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					
Max. steering lock [°]	40	40	40	40	40	40
Flow rate 3rd Control circuit standard [l/min]	70	70	80	80	90	90
Powerflow performance hydraulics option [l/min]	100	100	110	110	120	120
Max. pressure [bar]	240	240	240	240	240	240
Quickhitch system	Kramer HV/WL - C (Smart Attach)	Kramer HV/WL - C (Smart Attach)	Kramer HV/WL - C (Smart Attach)	Kramer HV/WL - L (Smart Attach)	Kramer HV/WL - C (Smart Attach)	Kramer HV/WL - C (Smart Attach)
Pilot operation	electro-hydraulics					
Pilot control of 3rd control circuit	electro-hydraulics					

TECHNICAL DATA

KINEMATICS	KL36.8	KL38.8	KL41.8	KL43.8	KL33.8T	KL37.8T
Design system	P-kinematics	P-kinematics	P-kinematics	P-kinematics	Z-kinematics	Z-kinematics
Lifting force calculation according to ISO 14397-2 hydraulic [kN]	43.0	42.8	41.1	41.7	31.5	31.5
Tearout force calculation according to ISO 14397-2 hydraulic [kN]	42.6	41.1	40.0	41.8	50.3	50.3
Lift/lower lift cylinder [s]	6.4/4.4	6.4/4.4	6.5/5.3	6.8/5.4	5.8/4.4	5.8/4.4
Tilt in/tilt out tilt cylinder (upper position of the loader unit) [s]	1.7/2.1	1.7/2.1	1.8/2.0	1.8/2.3	2.6/2.5	2.6/2.5
Tilt-in/tilt-out angle [*]	50/41	50/41	48/45	50/45	41/40	41/40
Bucket tipping load [kg]	3,650	3,890	4,100	4,250	3,300	3,700
Stacking payload S=1.25 [kg]	2,150	2,300	2,500	2,900	2,100	2,400

CAPACITIES						
Fuel tank standard TCD 2.9 [l]	85	85	120	120	85	120
Fuel tank option TCD 3.6 [l]	-	-	100	100	-	100
Hydraulic oil tank [l]	50	50	64	64	50	64
DEF tank option TCD 3.6 [l]	-	-	10	10	-	10

ELECTRICAL SYSTEM						
Operating voltage [V]	12	12	12	12	12	12
Battery/alternator standard TCD 2.9 [Ah/A]	100/95	100/95	100/95	100/95	100/95	100/95
Battery/alternator option TCD 3.6 [Ah/A]	-	-	100/150	100/150	-	100/150
Starter motor standard TCD 2.9 [kW]	2.6	2.6	2.6	2.6	2.6	2.6
Starter motor option TCD 3.6 [kW]	-	-	3.2	3.2	-	3.2

NOISE EMISSIONS*						
Measured value standard TCD 2.9 [dB(A)]	99.4	99.4	99.8	99.8	99.4	99.8
Measured value option TCD 3.6 [dB(A)]	-	-	100.1	100.1	-	100.1
Guaranteed value standard TCD 2.9 [dB(A)]	101	101	101	101	101	101
Guaranteed value option TCD 3.6 [dB(A)]	-	-	102	102	-	102
Noise level at the operator's ear standard TCD 2.9 [dB(A)]	74	74	74	74	74	74
Noise level at the operator's ear option TCD 3.6 [dB(A)]	-	-	72	72	-	72

VIBRATIONS**	
Total vibration value of the upper body limbs [m/s2]	< 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 $feet/s^2$)****

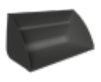
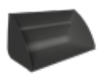
* Information: The measurement occurs as per the requirements of the standard EN 474 and the directive 2000/14/EC. Measuring station: paved surface.

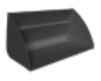
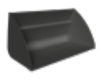
** Uncertainty of measurement such as stated in ISO/TR 25398:2006. Please instruct or inform the operator of possible dangers caused by vibrations.

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

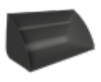
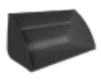
**** Application in extraction under harsh environmental conditions.

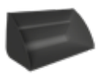
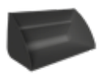
TECHNICAL DATA

KL36.8 STANDARD LOADER UNIT	STANDARD	BULK MATERIAL	BULK MATERIAL	POWER GRAB BUCKET	SIDE PIVOT	HIGH-TIPPING
	with rip-out-teeth			with rip-out-teeth		
						
Bucket capacity [m³]	0.85	1.15	1.30	0.75	0.75	0.87
Material density [t/m³]	1.80	1.40	1.20	1.80	1.80	1.60
Overall length of attachment [mm]	983	910	1,006	1,072	1,030	1,157
Total length with attachment (transport position) [mm]	5,260	5,250	5,300	5,340	5,270	5,350
Bucket width [mm]	1,950	2,150	2,150	1,850	1,844	1,870
Bucket pin point [mm]	3,350	3,350	3,350	3,350	3,350	4,050
Load-over height [mm]	3,200	3,160	3,160	3,110	3,140	3,980
Dumping height [mm]	2,680	2,580	2,510	2,610	2,530	3,840
Backfill width [mm]	540	600	670	490	775	820
Digging depth [mm]	45	85	85	130	105	45
Weight of attachment [kg]	341	447	452	525	548	508

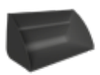
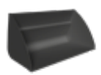
KL36.8L EXTENDED LOADER UNIT	STANDARD	BULK MATERIAL	BULK MATERIAL	POWER GRAB BUCKET	SIDE PIVOT	HIGH-TIPPING
	with rip-out-teeth			with rip-out-teeth		
						
Bucket capacity [m³]	0.75	0.95	1.15	0.75	0.75	0.87
Material density [t/m³]	1.80	1.20	1.00	1.60	1.80	1.20
Overall length of attachment [mm]	983	852	910	1,072	1,030	1,157
Total length with attachment (transport position) [mm]	5,580	5,510	5,570	5,660	5,600	5,680
Bucket width [mm]	1,850	2,050	2,150	1,850	1,844	1,870
Bucket pin point [mm]	3,500	3,500	3,500	3,500	3,500	4,200
Load-over height [mm]	3,350	3,330	3,310	3,260	3,290	4,130
Dumping height [mm]	2,810	2,760	2,710	2,740	2,660	3,970
Backfill width [mm]	730	740	790	680	965	1,010
Digging depth [mm]	45	55	80	120	100	40
Weight of attachment [kg]	328	356	447	532	548	508

TECHNICAL DATA

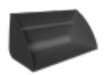
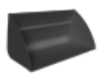
KL38.8 STANDARD LOADER UNIT	STANDARD	BULK MATERIAL	BULK MATERIAL	POWER GRAB BUCKET	SIDE PIVOT	HIGH-TIPPING
	with rip-out-teeth			with rip-out-teeth		
						
Bucket capacity [m³]	0.95	1.15	1.30	0.85	0.75	0.87
Material density [t/m³]	1.80	1.40	1.20	1.80	1.80	1.80
Overall length of attachment [mm]	983	910	1,006	930	1,030	1,157
Total length with attachment (transport position) [mm]	5,260	5,256	5,300	5,350	5,270	5,350
Bucket width [mm]	2,050	2,150	2,150	1,950	1,844	1,870
Bucket pin point [mm]	3,350	3,350	3,350	3,350	3,350	4,050
Load-over height [mm]	3,200	3,160	3,160	3,110	3,140	3,980
Dumping height [mm]	2,680	2,580	2,510	2,590	2,530	3,840
Backfill width [mm]	540	600	670	500	775	820
Digging depth [mm]	45	85	85	135	105	45
Weight of attachment [kg]	359	447	452	549	548	508

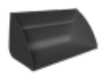
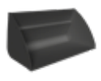
KL38.8L EXTENDED LOADER UNIT	STANDARD	BULK MATERIAL	BULK MATERIAL	POWER GRAB BUCKET	SIDE PIVOT	HIGH-TIPPING
	with rip-out-teeth			with rip-out-teeth		
						
Bucket capacity [m³]	0.85	1.15	1.30	0.75	0.75	0.87
Material density [t/m³]	1.60	1.20	1.00	1.60	1.80	1.40
Overall length of attachment [mm]	983	910	1,006	1,072	1,030	1,157
Total length with attachment (transport position) [mm]	5,580	5,570	5,630	5,660	5,600	5,680
Bucket width [mm]	1,950	2,150	2,150	1,850	1,844	1,870
Bucket pin point [mm]	3,500	3,500	3,500	3,500	3,500	4,200
Load-over height [mm]	3,350	3,310	3,310	3,260	3,290	4,130
Dumping height [mm]	2,810	2,710	2,640	2,740	2,660	3,970
Backfill width [mm]	730	790	760	680	965	1,010
Digging depth [mm]	45	80	80	120	100	40
Weight of attachment [kg]	341	447	452	525	548	508

TECHNICAL DATA

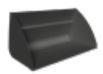
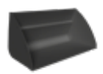
KL41.8 STANDARD LOADER UNIT	STANDARD	BULK MATERIAL	BULK MATERIAL	POWER GRAB BUCKET	SIDE PIVOT	HIGH-TIPPING
	with rip-out-teeth			with rip-out-teeth		
						
Bucket capacity [m³]	1.05	1.30	1.50	0.95	0.75	1.00
Material density [t/m³]	1.60	1.40	1.00	1.60	1.80	1.80
Overall length of attachment [mm]	1,040	1,006	1,010	1,202	1,030	1,470
Total length with attachment (transport position) [mm]	5,730	5,700	5,700	5,770	5,670	5,950
Bucket width [mm]	2,050	2,150	2,300	2,050	1,844	1,600
Bucket pin point [mm]	3,350	3,350	3,350	3,350	3,350	4,260
Load-over height [mm]	3,140	3,160	3,160	3,110	3,140	4,185
Dumping height [mm]	2,550	2,460	2,460	2,520	2,470	4,040
Backfill width [mm]	630	740	740	630	850	1,180
Digging depth [mm]	130	110	110	155	130	70
Weight of attachment [kg]	430	458	476	681	548	578

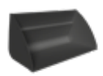
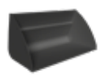
TECHNICAL DATA

KL43.8 STANDARD LOADER UNIT	STANDARD	BULK MATERIAL	BULK MATERIAL	POWER GRAB BUCKET	SIDE PIVOT	HIGH-TIPPING
	with rip-out-teeth			with rip-out-teeth		
						
Bucket capacity [m³]	1.15	1.50	1.80	1.04	0.90	1.20
Material density [t/m³]	1.80	1.00	1.00	1.80	1.80	1.40
Overall length of attachment [mm]	1,080	1,022	1,195	1,261	1,050	1,206
Total length with attachment (transport position) [mm]	5,878	5,780	5,880	5,880	5,720	5,920
Bucket width [mm]	2,150	2,300	2,300	2,150	2,150	2,050
Bucket pin point [mm]	3,450	3,450	3,450	3,450	3,450	4,150
Load-over height [mm]	3,200	3,190	3,190	3,180	3,180	4,070
Dumping height [mm]	2,650	2,540	2,420	2,560	2,570	3,920
Backfill width [mm]	660	750	860	720	730	1,110
Digging depth [mm]	95	105	105	105	110	95
Weight of attachment [kg]	492	521	560	760	550	657

KL43.8L EXTENDED LOADER UNIT	STANDARD	BULK MATERIAL	BULK MATERIAL	POWER GRAB BUCKET	SIDE PIVOT	HIGH-TIPPING
	with rip-out-teeth			with rip-out-teeth		
						
Bucket capacity [m³]	1.15	1.50	1.80	1.04	0.90	1.20
Material density [t/m³]	1.80	1.00	1.00	1.80	1.80	1.40
Overall length of attachment [mm]	1,080	1,022	1,195	1,261	1,050	1,206
Total length with attachment (transport position) [mm]	5,878	5,780	5,880	5,880	5,720	5,920
Bucket width [mm]	2,150	2,300	2,300	2,150	2,150	2,050
Bucket pin point [mm]	3,680	3,680	3,680	3,680	3,680	4,400
Load-over height [mm]	3,470	3,420	3,420	3,410	3,410	4,325
Dumping height [mm]	2,990	2,900	2,800	2,920	2,960	4,180
Backfill width [mm]	450	540	680	510	710	760
Digging depth [mm]	95	105	105	105	110	95
Weight of attachment [kg]	492	521	560	760	550	657

TECHNICAL DATA

KL33.8T TELESCOPIC LOADER UNIT	STANDARD	BULK MATERIAL	BULK MATERIAL	GRAB BUCKET	SIDE PIVOT
	with rip-out-teeth			with rip-out-teeth	
					
Bucket capacity [m³]	0.85	1.15	1.30	0.75	0.70
Material density [t/m³]	1.80	1.20	1.10	2.10	1.90
Overall length of attachment [mm]	988	925	1,020	1,078	1,048
Total length with attachment (transport position) [mm]	5,955	5,932	6,008	6,023	6,004
Bucket width [mm]	1,950	2,150	2,150	1,850	1,844
Bucket pivotal point retracted/extended [mm]	3,730/4,825	3,730/4,825	3,730/4,825	3,730/4,825	3,730/4,825
Load-over height retracted/extended [mm]	3,520/4,620	3,480/4,580	3,480/4,580	3,450/4,540	3,460/4,560
Dumping height retracted/extended [mm]	3,010/4,100	2,920/4,010	2,860/3,950	2,940/4,040	2,880/3,980
Dumping width retracted/extended [mm]	640/1,060	710/1,140	790/1,220	610/1,030	900/1,320
Digging depth [mm]	60	110	110	140	120
Weight of attachment [kg]	341	447	452	525	548

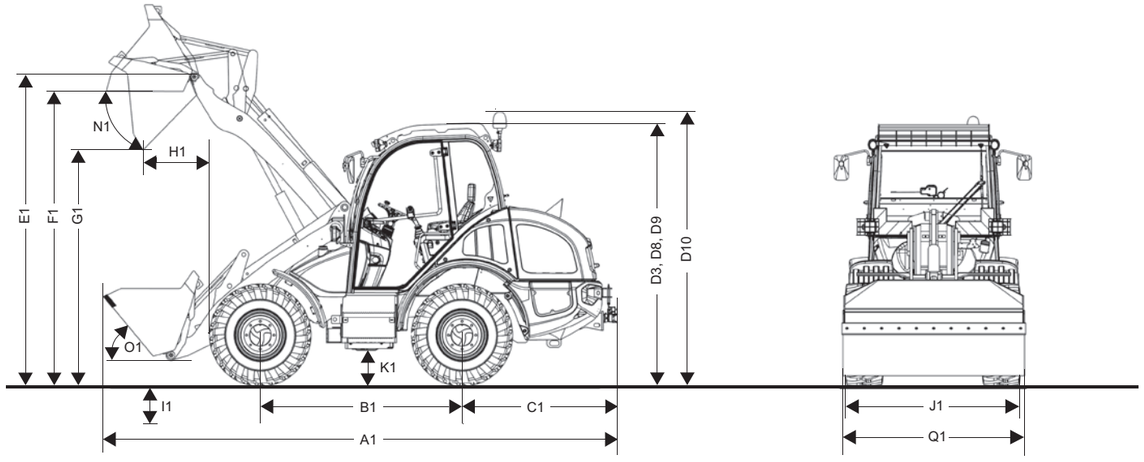
KL37.8T TELESCOPIC LOADER UNIT	STANDARD	BULK MATERIAL	BULK MATERIAL	GRAB BUCKET	SIDE PIVOT
	with rip-out-teeth			with rip-out-teeth	
					
Bucket capacity [m³]	0.95	1.15	1.30	0.85	0.70
Material density [t/m³]	2.00	1.50	1.30	2.10	2.40
Overall length of attachment [mm]	987	925	1,020	1,098	1,048
Total length with attachment (transport position) [mm]	6,133	6,110	6,186	6,215	6,182
Bucket width [mm]	2,050	2,150	2,150	1,950	1,844
Bucket pivotal point retracted/extended [mm]	3,745/4,840	3,745/4,840	3,745/4,840	3,745/4,840	3,745/4,840
Load-over height retracted/extended [mm]	3,540/4,630	3,500/4,590	3,500/4,590	3,460/4,560	3,480/4,570
Dumping height retracted/extended [mm]	3,020/4,120	2,930/4,030	2,870/3,970	2,940/4,040	2,900/3,990
Dumping width retracted/extended [mm]	550/980	620/1,050	700/1,130	530/960	810/1,240
Digging depth [mm]	50	90	90	120	110
Weight of attachment [kg]	359	447	452	549	548

TECHNICAL DATA

STACKING UNIT (LOAD CENTRE 500 MM)	KL36.8	KL36.8L	KL38.8	KL38.8L
				
Width of the fork carriage [mm]	1,200	1,200	1,200	1,200
Length of the fork tines [mm]	1,200	1,200	1,200	1,200
Stacker tipping load [kg]	2,680	2,310	2,870	2,430
Stacking payload S = 1.25 [kg]	2,150	1,850	2,300	1,950
Stacking payload S = 1.67 [kg]	1,550	1,350	1,700	1,450
Stacking height [mm]	3,130	3,280	3,130	3,280
Lift height, mast horizontal [mm]	1,310	1,310	1,310	1,310
Digging depth [mm]	100	100	100	100
Reach on ground [mm]	700	1,090	700	730
Reach, mast horizontal [mm]	1,170	1,430	1,170	1,430
Reach at max. height [mm]	190	450	190	450

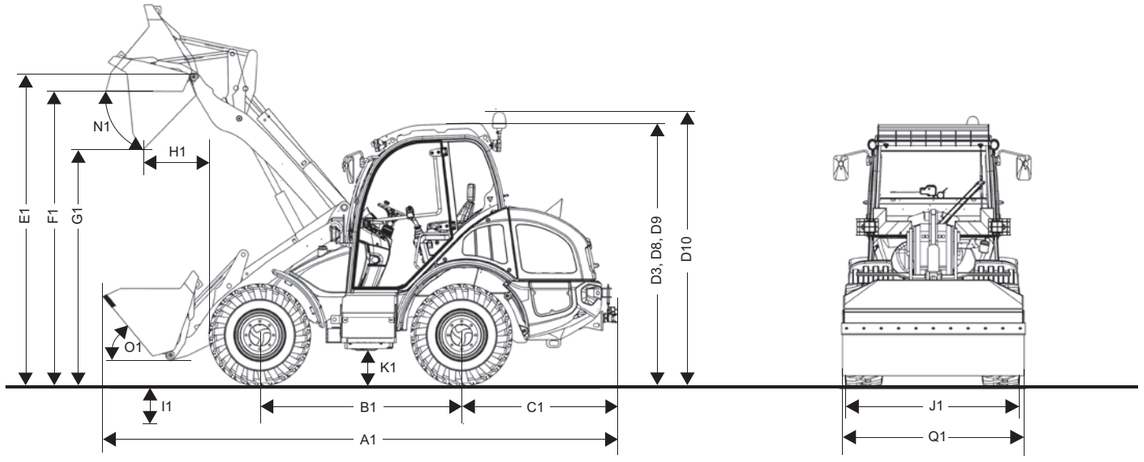
STACKING UNIT (LOAD CENTRE 500 MM)	KL41.8	KL43.8	KL43.8L	KL33.8T	KL37.8T
					
Width of the fork carriage [mm]	1,200	1,200	1,200	1,200	1,200
Length of the fork tines [mm]	1,200	1,200	1,200	1,200	1,200
Stacker tipping load [kg]	3,200	3,625	3,625	2,625	3,000
Stacking payload S = 1.25 [kg]	2,500	2,900	2,900	2,100	2,400
Stacking payload S = 1.67 [kg]	1,850	2,170	2,170	1,570	1,790
Stacking height [mm]	3,130	3,280	3,510	3,490/4,590	3,500/4,600
Lift height, mast horizontal [mm]	1,325	1,420	1,420	1,304	1,319
Digging depth [mm]	130	50	50	100	80
Reach on ground [mm]	790	850	850	1,154	1,066
Reach, mast horizontal [mm]	1,190	1,210	1,210	2,270/3,434	1,490/2,655
Reach at max. height [mm]	300	350	0	328/755	240/667

TECHNICAL DATA



DIMENSIONS		KL36.8	KL36.8L	KL38.8	KL38.8L
A1	**Total length with standard attachment** [mm]	5,260	5,580	5,260	5,580
B1	**Wheelbase, middle** [mm]	2,020	2,020	2,020	2,020
C1	**Rear overhang** [mm]	1,490	1,490	1,490	1,490
D3	**Height with cab** [mm]	2,490	2,490	2,490	2,490
D8	**Height with panoramic cab** [mm]	2,530	2,530	2,530	2,530
D9	**Height with panoramic cab and air-conditioning system** [mm]	2,575	2,575	2,575	2,575
D10	**Total height with rotating beacon** [mm]	2,765	2,765	2,765	2,765
E1	**Bucket pin point** [mm]	3,350	3,500	3,350	3,500
F1	**Load-over height** [mm]	3,200	3,350	3,200	3,350
G1	**Dumping height** [mm]	2,680	2,810	2,680	2,810
H1	**Dumping range** [mm]	540	730	540	730
I1	**Digging depth** [mm]	45	45	45	45
J1	**Total width** [mm]	1,780	1,780	1,780	1,780
K1	**Ground clearance** [mm]	330	330	330	330
L1	**Turning radius wheels, outside edge** [mm]	2,840	2,840	2,840	2,840
N1	**Dump angle at max. lift height** [°]	41	43	41	43
O1	**Tilt in angle to the ground** [°]	50	50	50	50
Q1	**Bucket width** [mm]	1,950	1,850	2,050	1,950
R1	**Stacking height** [mm]	3,130	3,280	3,130	3,280

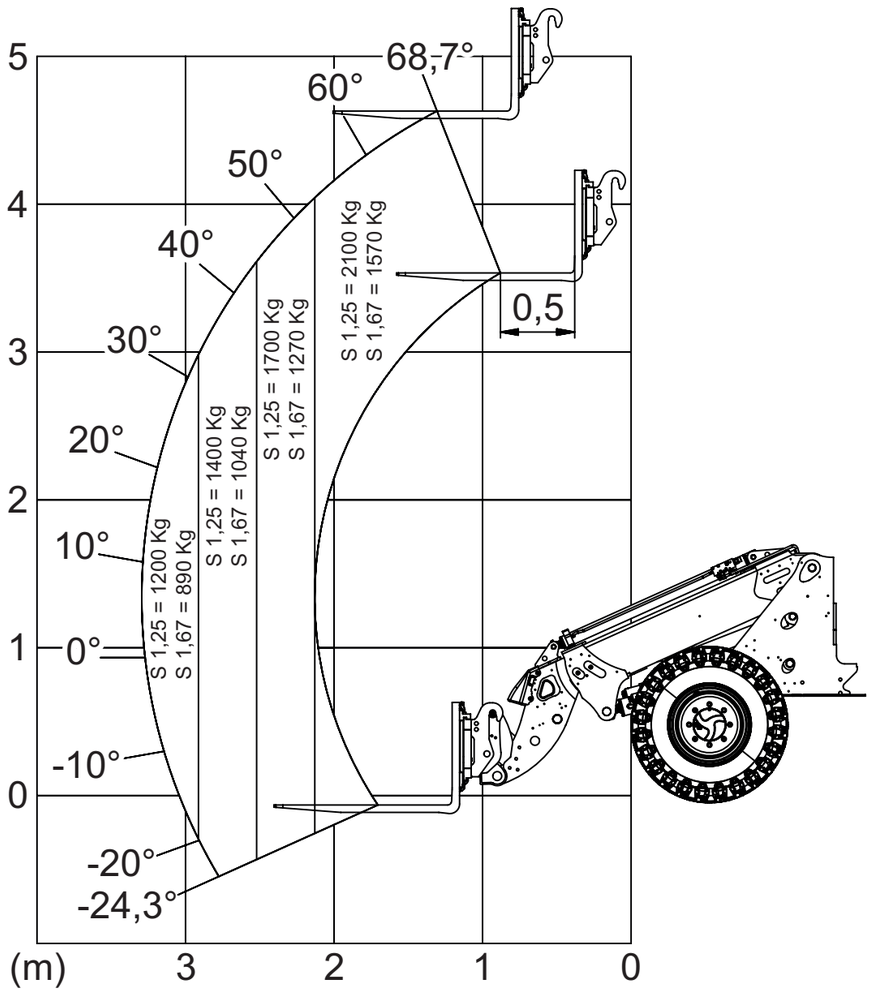
TECHNICAL DATA



DIMENSIONS		KL41.8	KL43.8	KL43.8L	KL33.8T	KL37.8T
A1	**Total length with standard attachment** [mm]	5,730	5,878	5,878	5,955	6,133
B1	**Wheelbase, middle** [mm]	2,150	2,150	2,150	2,020	2,150
C1	**Rear overhang** [mm]	1,620	1,620	1,620	1,490	1,620
D3	**Height with cab** [mm]	2,650	2,690	2,690	2,490	2,650
D8	**Height with panoramic cab** [mm]	2,690	2,730	2,730	2,530	2,690
D9	**Height with panoramic cab and air-conditioning system** [mm]	2,735	2,775	2,775	2,575	2,735
D10	**Total height with rotating beacon** [mm]	2,925	2,965	2,965	2,765	2,925
E1	**Bucket pin point** [mm]	3,350	3,450	3,680	3,730/4,825	3,745/4,840
F1	**Load-over height** [mm]	3,140	3,200	3,470	3,520/4,620	3,540/4,630
G1	**Dumping height** [mm]	2,590	2,650	2,990	3,010/4,100	3,020/4,120
H1	**Dumping range** [mm]	590	660	450	640/1,060	550/980
I1	**Digging depth** [mm]	130	95	95	60	50
J1	**Total width** [mm]	1,970	1,970	1,970	1,780	1,970
K1	**Ground clearance** [mm]	350	390	390	330	350
L1	**Turning radius wheels, outside edge** [mm]	2,990	3,000	3,000	2,840	2,990
N1	**Dump angle at max. lift height** [°]	45	45	35	40	40
O1	**Tilt in angle to the ground** [°]	48	50	50	41	41
Q1	**Bucket width** [mm]	2,050	2,150	2,150	1,950	2,050
R1	**Stacking height** [mm]	3,130	3,280	3,510	3,490/4,590	3,500/4,600

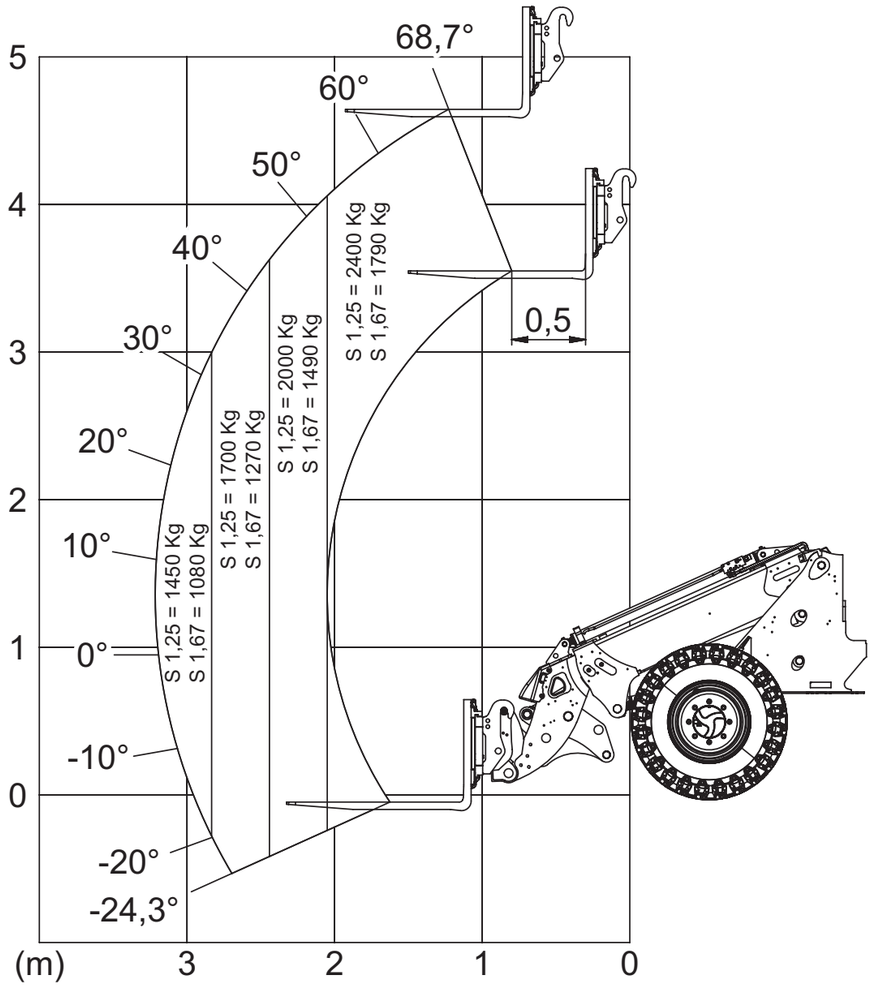
TECHNICAL DATA

KL33.8T
LOAD-BEARING CAPACITY DIAGRAM: WITH LSP 500 MM, KRAMER QUICKHITCH SYSTEM AND STANDARD STACKING SYSTEM



TECHNICAL DATA

KL37.8T
LOAD-BEARING CAPACITY DIAGRAM: WITH LSP 500 MM, KRAMER QUICKHITCH SYSTEM AND STANDARD STACKING SYSTEM



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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