



KRAMER
on the safe side



COMPACT POWERHOUSES

THE KRAMER TELEHANDLERS
KT276/KT316

KT276

TOTAL HEIGHT*
1,985 mm (standard), 2,105 mm (option)

TOTAL WIDTH*
1,960 mm

ENGINE OUTPUT
55.4 kW

EXHAUST AFTER-TREATMENT
DOC / DPF

STACKING PAYLOAD
2,700 kg

OPERATING WEIGHT**
4,400 kg – 5,200 kg

DIMENSIONS



OUTPUT



KT316

TOTAL HEIGHT*
2,155 mm

TOTAL WIDTH*
2,095 mm

ENGINE OUTPUT
82 kW

EXHAUST AFTER-TREATMENT
DOC / DPF / SCR

STACKING PAYLOAD
3,100 kg

OPERATING WEIGHT**
5,200 kg – 5,900 kg



 **SEARCH NOW**
and discover KT316
highlights

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

ON THE SAFE SIDE WITH KRAMER

Alongside the values of passion, skill and high-quality, Kramer first and foremost values safety. We build machines with the highest level of application safety and our customers consistently benefit from their investment. Our promise: Honesty, reliability and value retention.



William Houseman – Ingerthorpe Moor Farm,
North Yorkshire, Great Britain

« We have been using Kramer for over 40 years on our farm. The telehandlers are very easy to drive, are extremely reliable and represent the proven quality that we have trusted for decades. »



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Watch the
full-length video
www.kramer.de/houseman

COMPACT POWERHOUSES

DISCOVER THE KRAMER TELEHANDLER WITH A PAYLOAD OF BETWEEN 2.7 t – 3.1 t

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

Machine highlights	6	Compact design	8
Properties		Dimension	
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Tyre treads			



NOTICE: This symbol indicates functions that can have a positive impact on their resources (money, staff, time).

	SEARCH NOW
	Discover the Kramer telehandler portfolio www.kramer.de/telehandler_ag

OPERATING AND POWER RATINGS

KT276

Engine output [kW]	55.4
Bucket capacity [m ³]	0.85 - 1.80
Max. stacking height [mm]	5,790
Stacking payload S=1.25 [kg]	2,700
Operating weight [kg]*	4,400 - 5,200

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

OPERATING AND POWER RATINGS

KT316

Engine output [kW]	82
Bucket capacity [m ³]	0.90 - 2.30
Max. stacking height [mm]	5,835
Max. stacking payload S=1,25 [kg]	3,100
Operating weight [kg]*	5,200 - 5,900

* 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)



A hydraulic or fully hydraulic quickhitch system (Smart Attach) is available. With Smart Attach, hydraulic attachments are comfortably and safely coupled from the cab without needing to enter and exit.

KT276 / KT316

3 WORK HYDRAULICS WITH LUDV

guarantees increased productivity, as several hydraulic movements can be performed at the same time.

KT276 / KT316

6 INTEGRATED DYNAMIC WEIGHING SYSTEM (OPTION)



Quick and easy weighing regardless of the load centre of gravity, attachment used and position of the loading system.

KT316

4 TWO CABIN HEIGHTS

(1.98 m STANDARD / 2.10 m OPTION)

for maximum compactness or maximum comfort.

KT276

5 COMPACT DIMENSIONS

due to vehicle width and height of +/- 2 m. Suitable for application in confined spaces.

KT276 / KT316

2 DRIVER ASSISTANCE SYSTEM – SMART HANDLING

Overload protection paired with higher productivity enables a smooth working process.

KT276 / KT316

7 7-INCH LCD DISPLAY (OPTION)



provides diverse setting options, like joystick sensitivity or angle display. Furthermore, a wide range of operating information can be accessed.

KT276 / KT316

8 COMFORTABLE CAB

with large right window for optimum visibility and ergonomically arranged control elements.

KT276 / KT316

9 POWERFUL ENGINES

with high-power delivery and low noise levels.

KT276 / KT316

10 NUMEROUS OPTIONS IN THE REAR

depressurised return flow with overflow oil line, three-point receptacle, 7-pole rear plug receptacle and much more.

KT276 / KT316

11 DIFFERENT BALL HITCHES

Depending on the application, different ball hitches are available for trailer operation.

KT276 / KT316

12 40 KM/H – TRAVEL SPEED



for quick movement of the machine in everyday work.

KT276 (option), KT316 (standard).

KT276 / KT316

13 24-INCH TYRES

Large-volume tyres increase driving comfort and traction.

KT316

14 RECESS IN THE CAB FLOOR

for safe and comfortable entry and exit from the cab.

KT316

15 LOCKABLE TOOL COMPARTMENT

for secure storage of tools and lifting tackle outside the cab.

KT316

16 MORE TYPES OF STEERING

for maximum flexibility. Three types of steering in the KT276 and four types of steering in the KT316.

KT276 / KT316

MAXIMUM COMPACTNESS MINIMAL DIMENSIONS



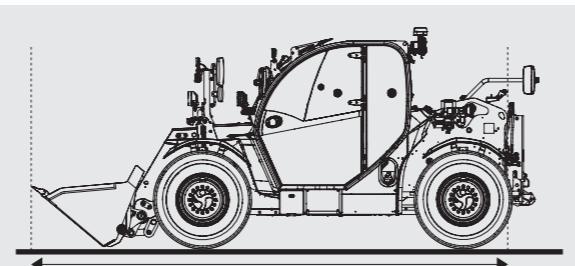
The compact telehandlers by Kramer are among the most versatile machines for everyday work and are irreplaceable companions. Due to their narrow and low design, the machines are also in demand where large machines cannot fit. The optimal relationship between the application weight and the payload ensures unaffected viability and efficiency.

COMPACT VEHICLE LENGTH*

- Stables and boxes
- Hay and straw storage
- Small farms

KT276: 5,150 mm

KT316: 5,250 mm

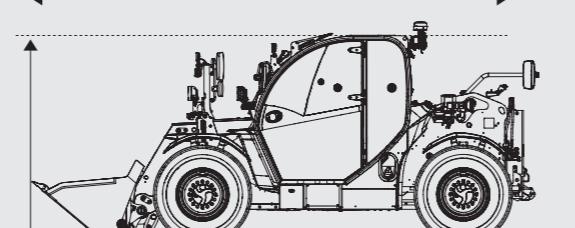


LOW CLEARANCE HEIGHTS**

- Stables
- Old buildings
- Shelters

KT276 (LOW): 1,985 mm
KT276 (HIGH): 2,105 mm

KT316: 2,155 mm

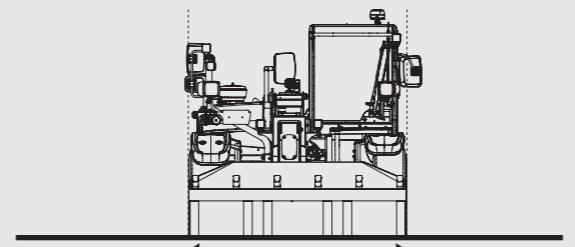


NARROW CLEARANCE WIDTHS**

- Stables
- Feed alley
- Hay and straw storage

KT276: 1,960 mm

KT316: 2,095 mm



* with standard attachment

** depending on the type of tyres

POWERFUL ENGINES FOR EVERY APPLICATION

The KT276 is driven by a Kohler engine with an output of 55.4 kW. The exhaust after-treatment is carried out by DOC and DPF. The KT316 is equipped with a Deutz engine with an output of 82 kW, whose exhaust after-treatment is carried out by DOC, DPF and SCR.



MAINTENANCE AND MONITORING



KT316

EASY AND FREELY ACCESSIBLE

- for daily monitoring and maintenance works
- easy access to other important maintenance points through additionally detachable side wall of the engine tray (KT316)

WIDE-OPENING BONNET

- for familiar Kramer comfort
- good accessibility of all components through lateral access



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 the App.



SEARCH NOW

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

VARIABLY FROM A TO B QUICKLY AND ECONOMICALLY



The straight drive train without cardan shaft deflection ensures particularly low-vibration and low-oscillation driving performance. The infinitely variable axial piston transmission ensures powerful and uniform propulsion – with travel speeds of 0-20 km/h in the KT276 (standard) and 0-40 km/h in the KT316 (standard).

20 30 40



OPERATOR MODES – POWER, ECO, CSD*

Optimal adaptation of the drive system to the application conditions:

- **POWER:** Maximum output across the entire motor RPM range
- **ECO:** Efficient at low motor RPM
- **CSD (drive pedal mode):** Corresponds to the familiar low-speed control with manual throttle

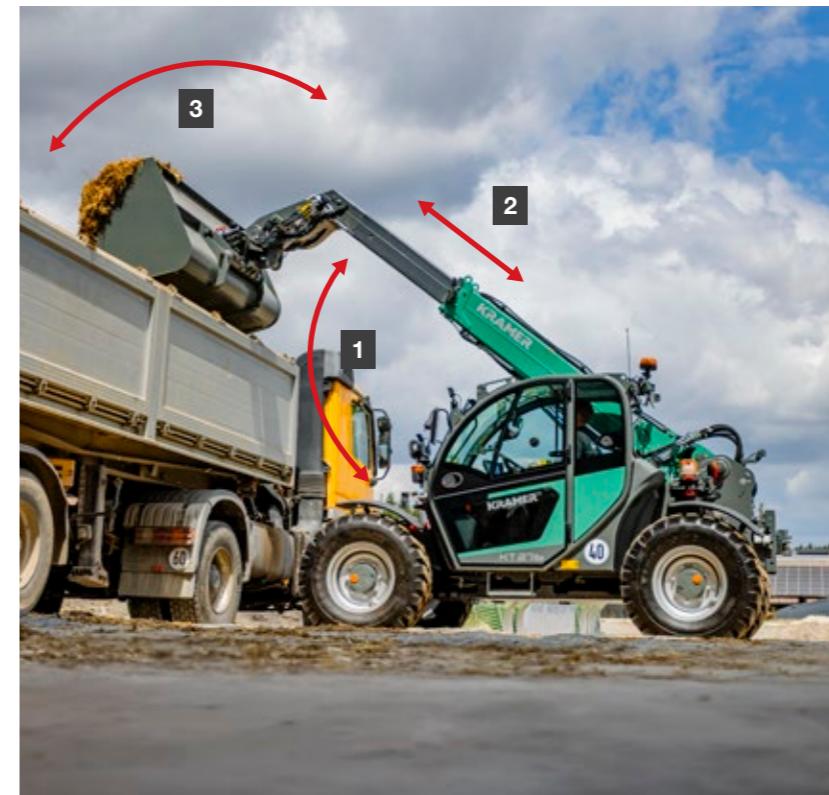
SMART DRIVING**

Smart Driving automatically reduces motor RPM at maximum speed – for less noise, lower consumption and gentle operation. Smart Driving is only active in ECO mode.



POWERFUL HYDRAULICS SENSITIVE CONTROL OF THE MACHINE

The work hydraulics are supplied by powerful hydraulic pump, which ensures quick working cycles of the loader unit and enables the operation of special attachments via the 3rd control circuit, if necessary with continuous function. Single-acting and double-acting auxiliary control circuits are also available as options.



LOAD-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

- Operation of special attachments via the 3rd control circuit
- Simultaneous execution of multiple hydraulic functions thanks to LUDV (load-independent flow distribution)
- Sensitivity of the work hydraulics can be adjusted to suit the application or the operator's preferences

AN OVERVIEW OF THE BENEFITS OF WORK HYDRAULICS

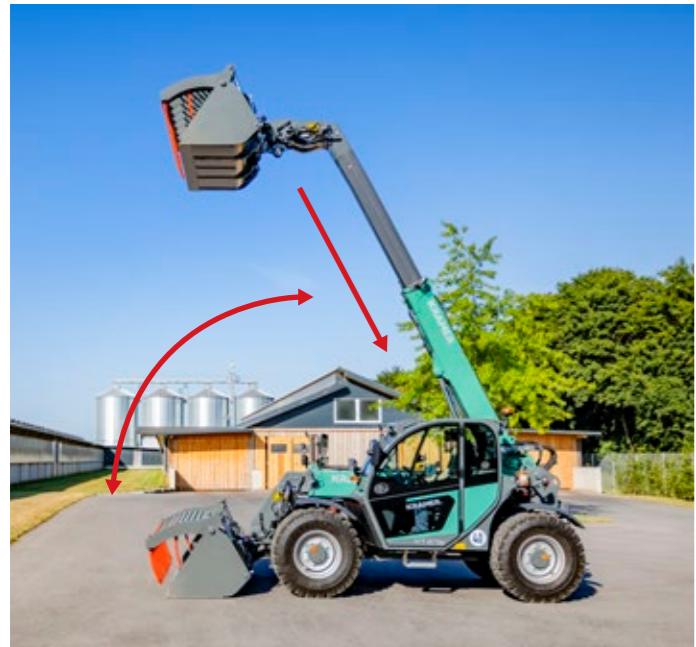


SMART HANDLING

EVERYTHING UNDER CONTROL, EVEN IN THE LIMIT RANGE

Maximum payload, fully extended loading system, motor RPM at the detent – the Smart Handling overload protection system always has the situation under control at all times. The intelligent driver assistance system prevents loads from reaching the overload area and therefore threatening to overturn the machine in the longitudinal direction. Also, it takes many routine tasks, such as extension and retraction of the telescopic arm, away from the operator so that he can focus on the essential aspects of his work.

THE THREE FUNCTIONAL MODES EXPLAINED



BUCKET MODE

When lowering the loading system, the telescopic arm is automatically retracted. This keeps the load as close to the vehicle as possible and it does not create critical situations, even with maximum payloads. The bucket mode is ideal for loading bulk materials.



STACKING MODE

When lifting or lowering the loading system, the attachment always moves in a straight, vertical line. The telescopic arm extends and retracts automatically, ensuring that the load is guided safely up or down. This ensures maximum safety and simplifies the stacking work, even at great heights.



MANUAL MODE

In manual mode, the machine does not perform any automatic movements of the loader unit. The overload protection is of course still active and stops the loading system as soon as the overload limit is reached. At this point, only retracting and lifting the loading system is possible.

SMART LOADING

With the driver assistance system Smart Loading (button 1), the attachment moves automatically to a stored target position, which shortens cycle time and makes life easier for the operator.

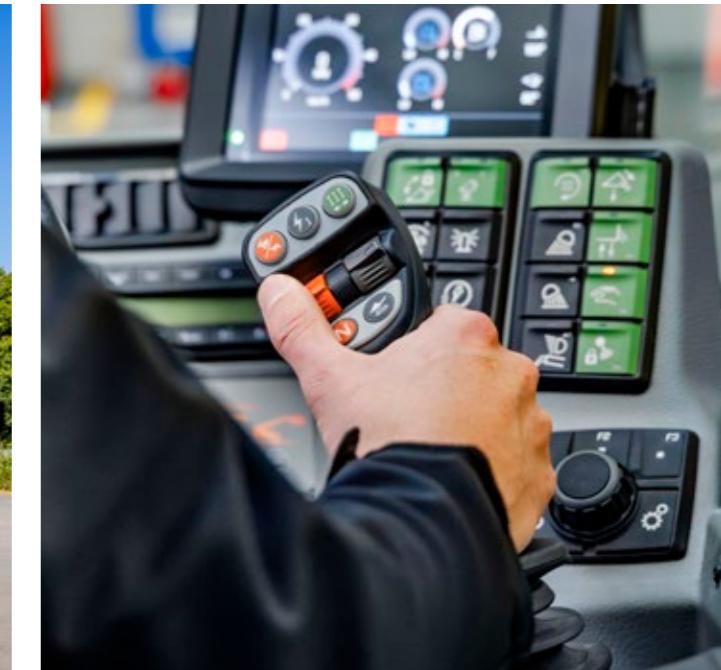
BUCKET SHAKE

The operator can use the vibrating function to quickly empty the attachments despite sticky goods or to accurately portion the material. The attachment begins to vibrate around the starting position by pressing the button combination (button 1+ button 2) to easily remove wet or sticky items from the attachment.

OPERATION

1 AUTOMATIC BUCKET RETURN

2 DIFFERENTIAL LOCK



JOYSTICK HANDLING

With the ergonomic joystick, you have full control over the machine. Up to 17 functions can be performed without letting go of the joystick or changing your grip. The joystick is located on the console on the right-hand side of the cab.



DYNAMIC WEIGHING SYSTEM

ACCURATE AND SIMPLE

KT316

Exclusively ex-works, the KT316 telehandler has an integrated, dynamic weighing system. This allows a wide variety of goods to be weighed accurately – regardless of the attachment, load centre of gravity or position of the loading system. Full integration into the operating concept of the machine enables simple, intuitive operation.

THE ADVANTAGES OF WEIGHING SYSTEM AT A GLANCE

- **Intuitive** operation through complete integration into the operating concept of the machine
- **Easy** application, also for changing operators, through dynamic weighing, regardless of the load centre of gravity, attachment used and position of the loading system
- **Quick** weighing while driving without stopping
- **Safe** work, as overloading of trucks and trailers is avoided
- **Precise** removal of bulk material from storage boxes, unnecessary trips and excess loose material are avoided
- **Intelligent** features such as summing up of the weighings, specification of target values and counting function with automatic mode also make life easier for the operator



FUNCTIONAL PRINCIPLE

Operation is via the 7-inch LCD display and the Jog Dial in the cab.

Weight is determined precisely by pressure sensors in the hydraulic system and position sensors at the pivot points of the lift arm and in the telescopic arm.

ADDITIONAL FUNCTIONS

- **Target value input:** The desired total weight is entered in advance. Each loaded bucket is automatically weighed and offset directly to the target value.
- **Summation function:** Each weighing is added up.
- **Counting function:** The number of buckets loaded is counted automatically.
- **Residual quantity metering:** In order to achieve the defined target value as accurately as possible, the weight of the current load can also be displayed as a live value.
- **Pausing:** The weighing process is interrupted so that other activities can be carried out.

DLG – INNOVATION AWARD 2024

The DLG (German Agricultural Society) awarded the weighing system in 2024 the Gold medal in the Innovation Award at EnergyDecentral.



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Watch the full-length video

SMART ATTACH

MORE PRODUCTIVITY AND SAFETY



The optional, fully hydraulic quickhitch system, Smart Attach, provides more safety for the operator as it is no longer necessary to exit and enter the machine to couple hydraulic attachments.

In addition to this, money is saved with every coupling procedure because the attachment changeover is faster.

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 "Standard".

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



MULTIFUNCTIONAL REAR ATTACHMENT AREA MAXIMUM VERSATILITY FOR ALL TASKS

Various ball hitches and approval as a tractor enable trailer operation even on public roads. Both telehandlers can be equipped with a hydraulic trailer brake system for high trailer loads. For maximum flexibility, the KT276 and KT316 can be also equipped with a three-point lifting gear and a rear PTO. Additional hydraulic auxiliary control circuits are also available at the rear, for example for use with a tipper.



MAXIMUM PERMISSIBLE TRAILER LOADS

	KT276	KT316
Trailer load of trailer without brake [kg]	1,000	1,000
Trailer load of trailer with brake (1 axle braked) [kg]	3,500	3,500
Trailer load of trailer with brake (all axles braked) [kg]	8,000	8,000
Trailer with hydraulic brake [kg]	11,250	11,250



EVERYTHING UNDER CONTROL INSIDE EVERYTHING IN VIEW OUTSIDE

The innovative cab design provides additional comfort and user-friendliness. Large glazed areas combined with narrow cabin pillars ensure excellent 360° visibility. In the KT276, you also have the choice between a low or high cab.

TWO CABIN OPTIONS

for maximum compactness or improved 360° visibility (KT276).

360° ALL-ROUND VISIBILITY

Narrow cabin pillars and large glazed areas ensure an excellent view of the attachment and the work area.



TECHNICAL HIGHLIGHTS SIMPLE OPERATION – INNOVATIVE CABIN DESIGN



7-INCH LCD DISPLAY*

All-important vehicle data, setting options and functions are shown on the display:

- Joystick sensitivity
- Activation speed of load stabiliser
- Oil volume adjustment for auxiliary control circuits
- Rear-view camera
- and much more



ADJUSTABLE STEERING COLUMN

The steering column, which can be optionally adjusted in height and tilt, can be adapted to the operator's needs:

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



ERGONOMIC CONTROL ELEMENTS

The most important operating 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 (electronically in KT316)
- Jog Dial
- and much more



KT316

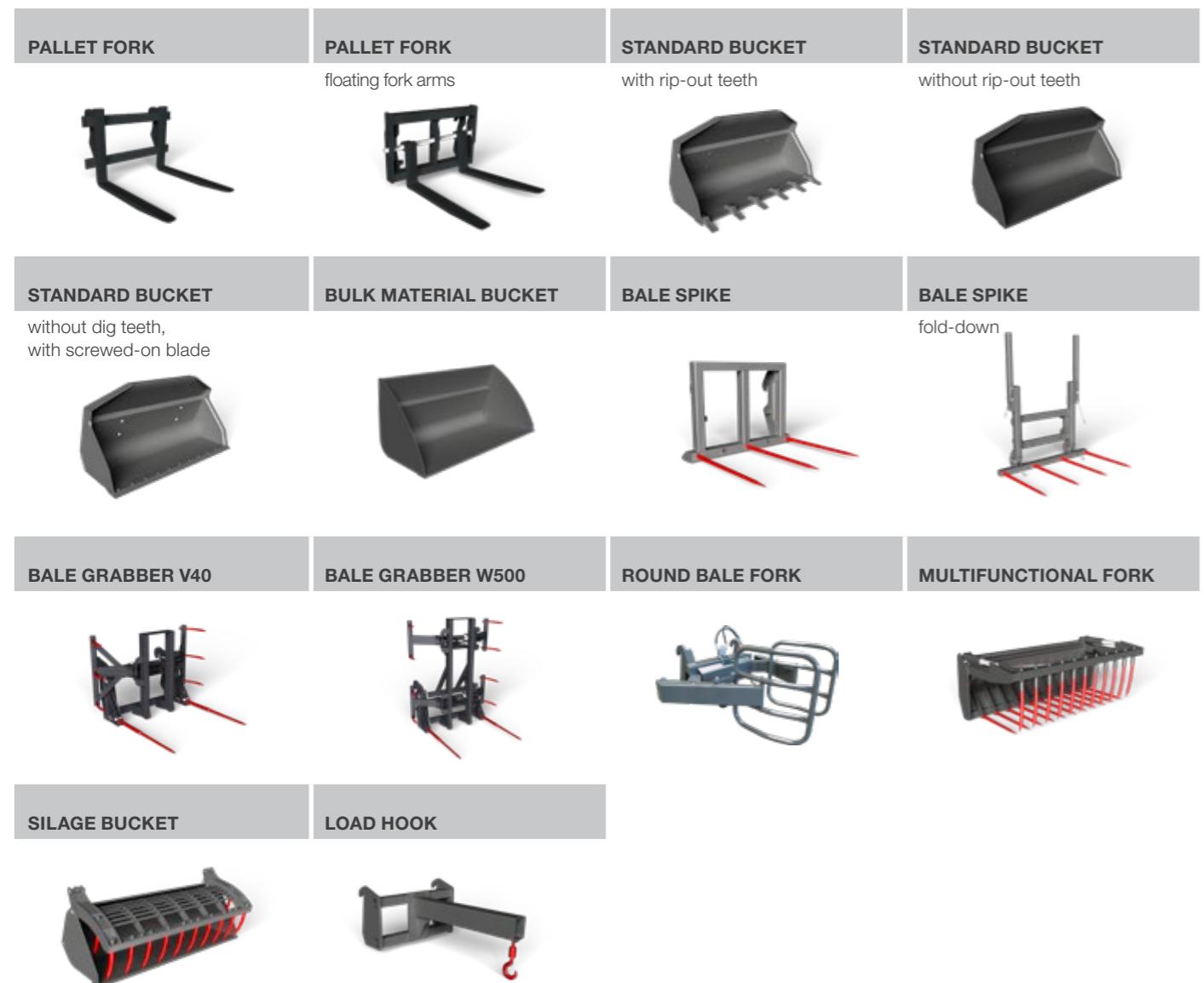
COMFORTABLE ENTRY AND TOOL COMPARTMENT

The recess in the cab floor allows for safe and comfortable entry and exit. Furthermore, a spacious tool compartment is located next to the step, below the cab.

- comfortable entry into the cab
- more safety when exiting, as step is visible
- lockable tool compartment
- and much more

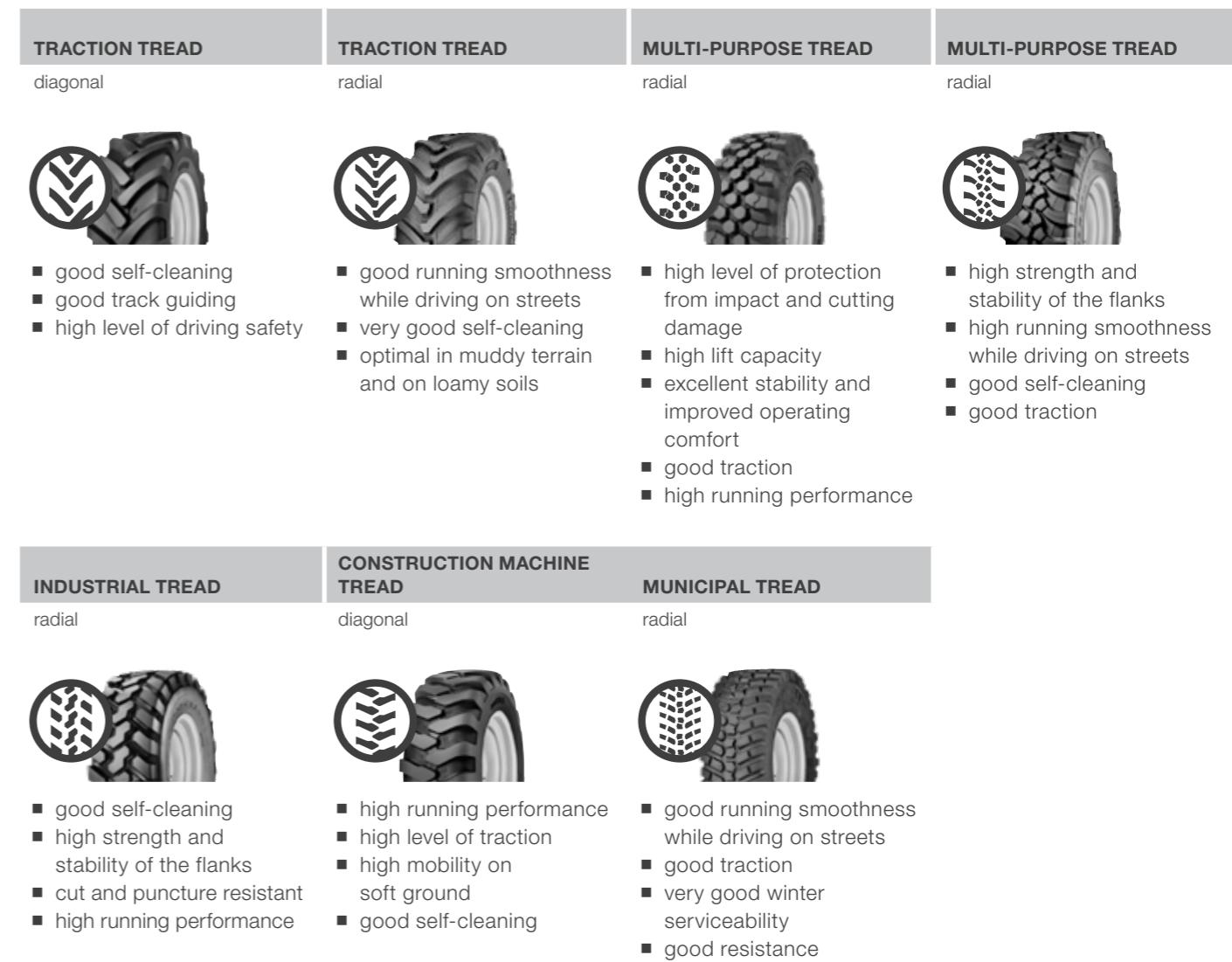
* optionally available. A circular display is installed, as standard.

PRODUCT RANGE OF ATTACHMENTS



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

TYRE PRODUCT RANGE



The right tyres of a telehandler play an important role when it comes to application. 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

OPERATING AND POWER RATINGS		
	KT276	KT316
Max. payload (LSP 500 mm) [kg]	2,700	3,100
Max. stacking height [mm]	5,730	5,835
Payload at max. stacking height [kg]	1,800	3,100
Payload with max. transmission range [kg]	1,000	1,350
Stacking height at max. payload [mm]	4,700	5,835
Transmission range at max. payload [mm]	1,400	1,629
Max. transmission range (stacking operation) [mm]	3,156	3,186
Operating weight [kg]*	4,400 - 5,200	5,200 - 5,900
ENGINE		
Engine manufacturer	Kohler	Deutz
Type/Model	KDI 2504 TCR	TCD 2.9 L4 HP
Engine output [kW/hp]	55.4 / 75	82 / 112
Max. torque [Nm at RPM]	315 at 1,500	420 at 2,000
Displacement [cm ³]	2,482	2,924
Emissions standard stage	EU stage V	EU stage V
Exhaust emissions after-treatment	DOC / DPF	DOC / DPF / SCR
POWER TRANSMISSION		
Drive	Hydrostat	Hydrostat
Max. travel speed Standard [km/h]	20	40
Max. travel speed Option 1 [km/h]	30	20
Max. travel speed Option 2 [km/h]	40	30
Axles	Carraro planetary-steering-drive axle	Dana planetary-steering-drive axle
Total oscillating angle [°]	±10	±10
Differential lock, option [%]	100 % connectable	100 % connectable
Service brake	disc brake	disc brake
Parking brake	Mechanical	Mechanical
Standard tyres	340/80-18	340/80-20
STEERING AND WORK HYDRAULICS		
Steering system functionality	hydrostatic all-wheel, crab and front-axle steering	
Functioning of work hydraulics	Gear pump with LUDV	Gear pump with LUDV
Max. steering angle [°]	38	40
Max. flow rate of pump [l/min]	103	109
Max. pressure [bar]	260	260

TECHNICAL DATA

KINEMATICS	KT276	KT316
Bucket capacity [m ³]	0.85 - 1.80	0.90 - 2.30
Total swing angle of tool tray Standard [°]	132	132
Total swing angle of tool tray Option [°]	150	150
Lift/lower lift cylinder [s]	6.0 / 4.3	5.7 / 4.4
Extension ram extend/retract [s]	5.5 / 4.1	5.5 / 3.5
Tilt out/in tipping cylinder Standard [s]	3.3 / 2.8	3.5 / 2.5
Tilt out/in tipping cylinder Option [s]	4.8 / 3.5	5.5 / 3.5
CAPACITIES		
Fuel tank capacity [l]	95	125
Hydraulic oil tank capacity [l]	100	38
ELECTRICAL SYSTEM		
Operating voltage [V]	12	12
Battery/alternator [Ah/A]	100 / 80	100 / 120
Starter motor [kW]	2.0	3.2
NOISE EMISSIONS**		
Measured sound power level LwA [dB(A)]	95.9	98
Guaranteed sound power level LwA (cab) [dB(A)]	101	101
Sound pressure level at the operator's ear [dB(A)]	77	76
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).

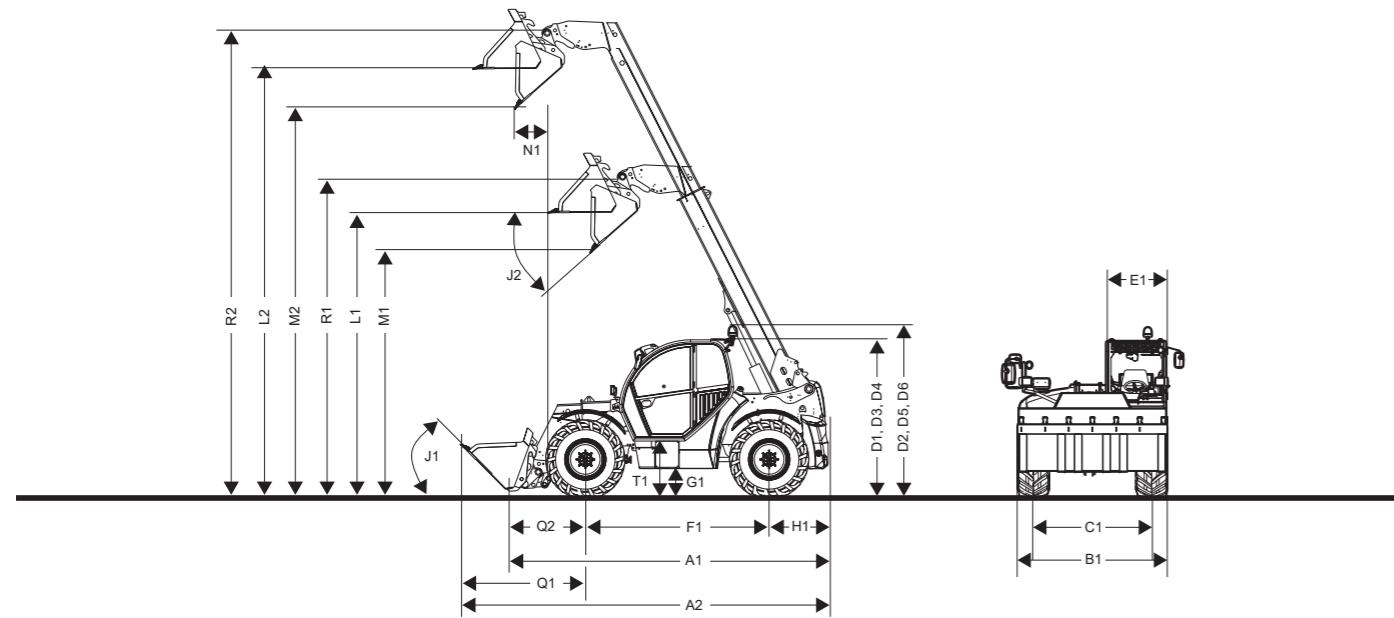
** Information: The measurement occurs as per the requirements of the standard EN 1459 and the directive 2000/14/EC. Measuring station: Paved surface.

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

**** On level and paved ground with appropriate driving style

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

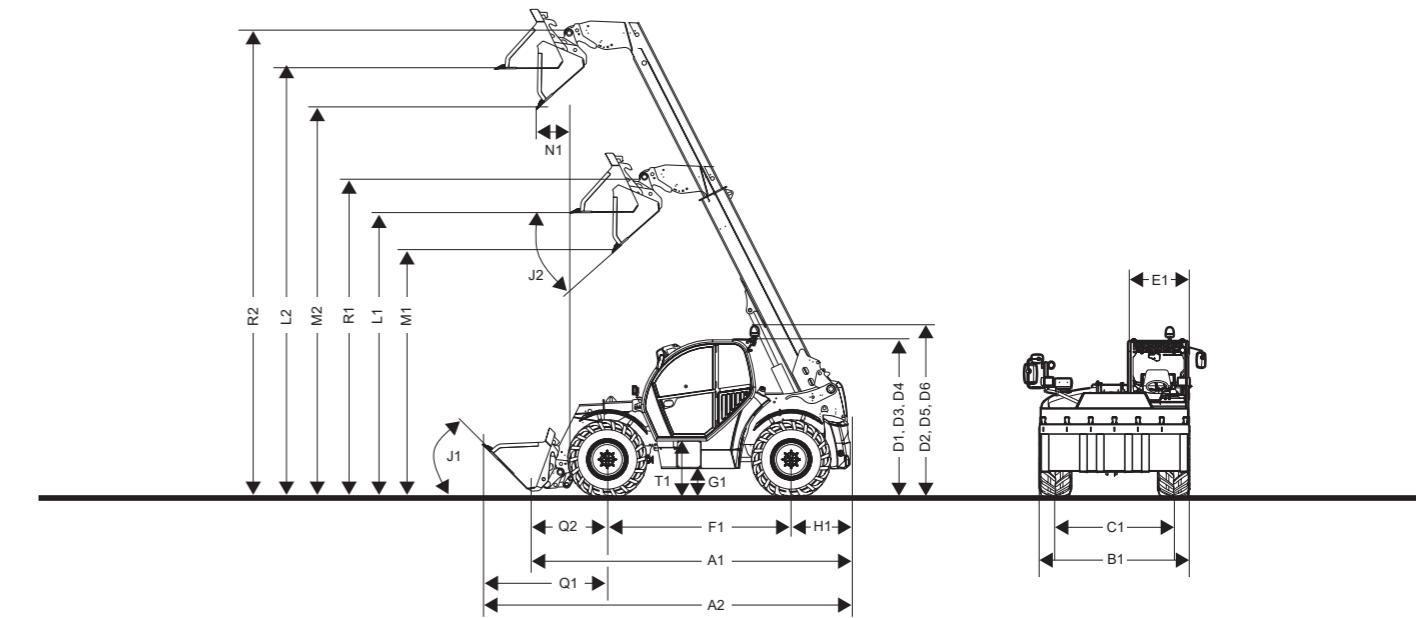
TECHNICAL DATA



DIMENSIONS

	KT276
A1 Total length [mm]	4,400
A2 Total length with bucket [mm]	5,150
B1 Total width without bucket [mm]	1,960
C1 Track front: rear [mm]	1,650
D3 Total height low cab [mm]	1,985
D4 Total height high cab [mm]	2,105
D5 Total height with rotating beacon low cab [mm]	2,205
D6 Total height with rotating beacon high cab [mm]	2,325
E1 Cab width [mm]	825
F1 Wheelbase, middle [mm]	2,650
G1 Ground clearance below axle and transmission, fording depth [mm]	300
H1 Distance centre of rear wheel to tail [mm]	730
I1 Rear actuation angle (departure angle) [°]	76
J1 Tipping angle [°]	45
J2 Dump angle [°]	22 / 40
K1 Stacking height max. [mm]	5,790
L1 Load-over height: retracted [mm]	3,710
L2 Load-over height: extended [mm]	5,570
M1 Dumping height: retracted [mm]	3,145
M2 Dumping height: extended [mm]	5,005
N1 Dumping range: extended [mm]	680
Q1 Distance from centre front wheel to blade leading edge [mm]	1,770
Q2 Distance from centre front wheel bearing to the quick coupler system seatings [mm]	1,030
R1 Bucket pivotal point: retracted [mm]	4,210
R2 Bucket pivotal point: extended [mm]	6,070
S1 Turning radius of outer edge of wheels [mm]	3,670
S2 Turning radius of outer edge of bucket [mm]	4,500
T1 Entry height cab floor [mm]	480 / 600

TECHNICAL DATA

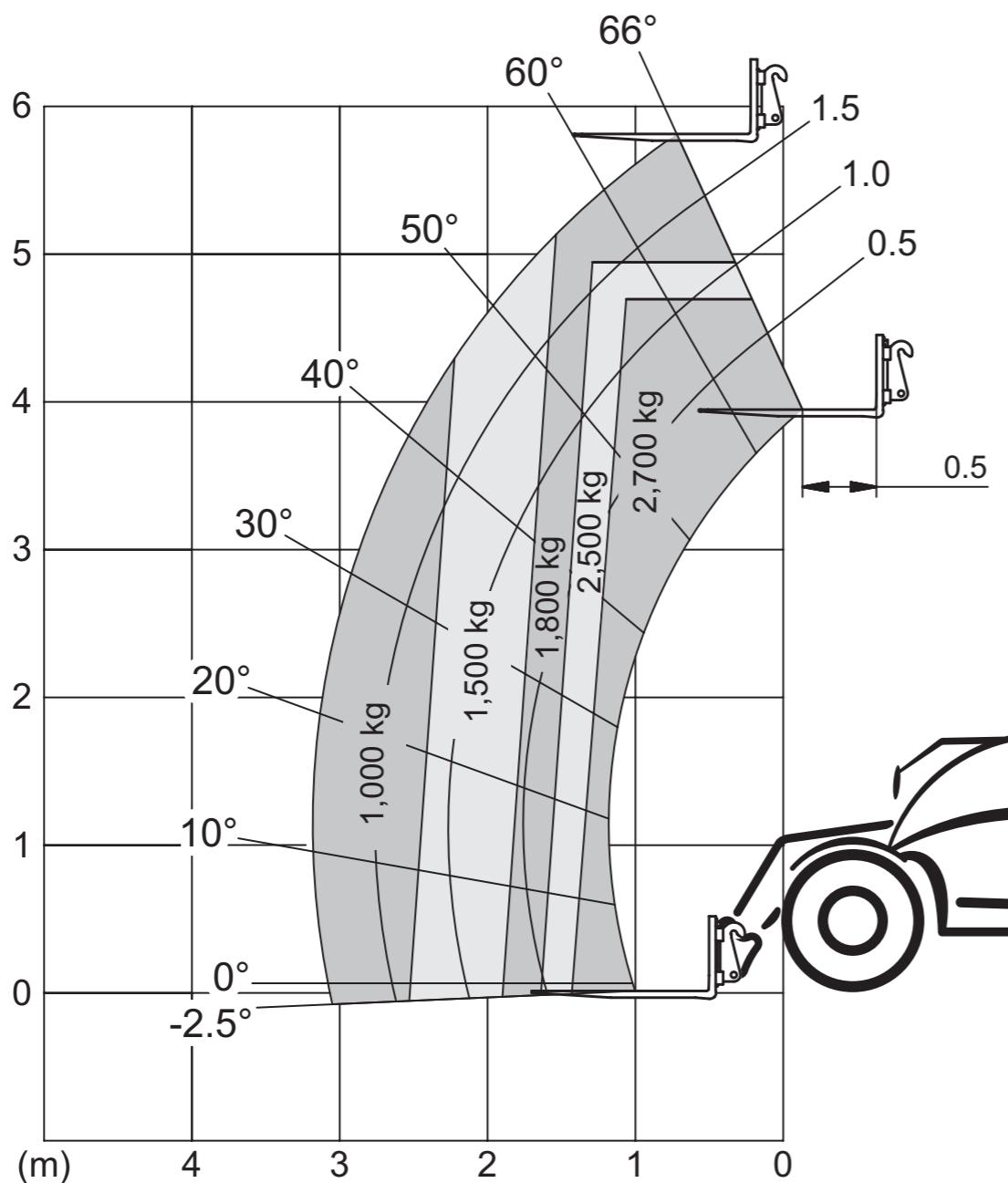


DIMENSIONS

	KT316
A1 Total length [mm]	4,500
A2 Total length with bucket [mm]	5,250
B1 Total width without bucket [mm]	2,095
C1 Track front: rear [mm]	1,780
D1 Total height [mm]	2,155
D2 Total height with rotating beacon [mm]	2,300
E1 Cab width [mm]	825
F1 Wheelbase, middle [mm]	2,750
G1 Ground clearance below axle and transmission, fording depth [mm]	320
H1 Distance centre of rear wheel to tail [mm]	730
I1 Rear actuation angle (departure angle) [°]	77.5
J1 Tipping angle [°]	45
J2 Dump angle [°]	22 / 40
K1 Stacking height max. [mm]	5,835
L1 Load-over height: retracted [mm]	3,745
L2 Load-over height: extended [mm]	5,610
M1 Dumping height: retracted [mm]	3,205
M2 Dumping height: extended [mm]	5,070
N1 Dumping range: extended [mm]	458
Q1 Distance from centre front wheel to blade leading edge [mm]	1,780
Q2 Distance from centre front wheel bearing to the quick coupler system seatings [mm]	1,030
R1 Bucket pivotal point: retracted [mm]	4,245
R2 Bucket pivotal point: extended [mm]	6,110
S1 Turning radius of outer edge of wheels [mm]	3,605
S2 Turning radius of outer edge of bucket [mm]	4,605
T1 Entry height cab floor [mm]	660

TECHNICAL DATA

KT276
PAYLOAD DIAGRAM: WITH LSP 500 MM, KRAMER QUICKHITCH SYSTEM AND STANDARD STACKING DEVICE



TECHNICAL DATA

KT316
PAYLOAD DIAGRAM: WITH LSP 500 MM, KRAMER QUICKHITCH SYSTEM AND STANDARD STACKING DEVICE

