

HEROES WITH STRONG ARMS

Kramer telehandlers from 7 m - 9 m stacking height.



KRAMER
on the safe side



Telehandlers for the professional construction industry

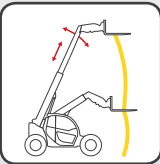
Equipped with wheel loader properties

Under the traditional brand name Kramer, the company develops and produces compact wheel loaders, telescopic wheel loaders and telehandlers with high manoeuvrability, all-terrain mobility and efficiency. Kramer-Werke GmbH is a medium-sized manufacturing company that not only attaches great importance to its own research and development, but also offers a wide range of products for material handling. All Kramer products are characterised by advanced technology and the highest quality. Kramer's typical all-wheel steering system gives the company a leading market position in Europe. Thanks to the continuous success of the company, Kramer offers its customers a wide range of telehandlers from a stacking height of 4 m to 9 m.



Telehandlers with the practical features of a wheel loader - Kramer makes it possible! All six models combine the robustness of a wheel loader with the lifting height of a telehandler. Equipped with many innovative details for high user demands, the telehandlers also feature automatic bucket return, infinitely variable speed control and perfect all-round visibility. This makes it a reliable tool for a variety of tasks, e.g. in the construction industry, recycling and municipal applications.

Perfectly coordinated



Smart Handling

Safe, comfortable and at the same time efficient work is made possible by the in-telligent operator assistance system Smart Handling with three standard modes.



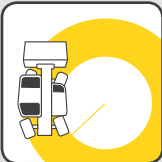
High payloads

Thanks to the high payloads, our telehandlers are designed to realize a quick and high-capacity material handling.



Perfect all-round visibility

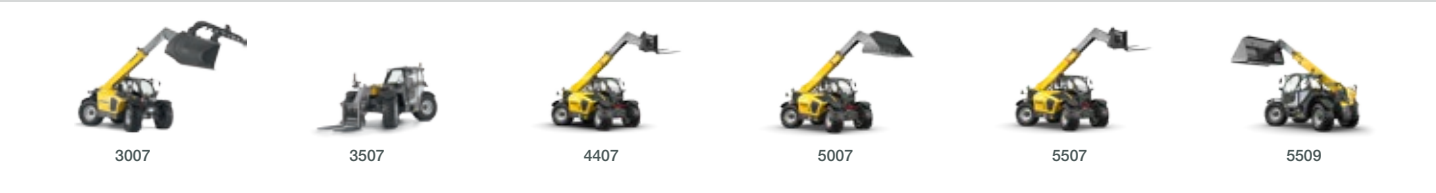
The cab design aims to make work more ergonomic, functional, safe and precise.



Optimal turning circle

The manoeuvrable telescopes can also be used in confined spaces.

Overview:



On the safe side with Kramer

The traditional Kramer brand has been established on the market for many years and stands for one value in particular: **Safety**. The high quality of the innovative machines is only one aspect: as a company, Kramer is also a safe choice for customers and dealers, as the experience and innovative power of the company provide for investment and future security. In short, you are always on the safe side with Kramer: **“Kramer—on the safe side!”**

➔ **ON THE SAFE SIDE**

Heroes with strong arms



Impressively sturdy

You can rely on the telehandlers in terms of sturdiness and durability. The load stabilizer for the telescopic arm makes a crucial contribution here. The lift, tilt and telescopic cylinders are equipped with end position damping in order to absorb pressure spikes in the hydraulic system or fluctuations in the machine. In this way, the operator and machine are optimally protected from force impacts. The large overlapping surface of at least 1 m in combination with the 13 sliding elements ensure excellent resistance to wear.



Impressively versatile

Our telehandlers are the perfect helpers. Whether in the construction industry, gardening and landscaping, municipalities or waste disposal, with our powerful all-rounders and a diverse selection of attachments, every job is quickly done. In addition, the telehandlers can be supplemented with a whole range of additional outfitting options. In this way, the telehandlers can be precisely adapted to your customer requirements in order to be universally applicable.



Impressively efficient

Fitted with a number of innovative touches to satisfy even the highest user requirements, the telehandlers offer automatic bucket return, infinitely variable speed regulation and perfect all-round visibility. With three modes for all requirements, Smart Handling especially supports the user in efficient, safe and convenient operation and thus ensures precise material handling on your construction site.

Easily make the right choice

Discover the telehandlers from 7 m - 9 m stacking height

The compact all-rounder (3007 – 3507)	Max. power output for professional application (4407 – 5509)
<p>Thanks to their dimensions, these compact all-rounders can also be used in tight spaces. They impress with their dynamic 4 wheel drive, their high payload, the unbeatable manoeuvrability and low operating weight. In addition, this machine class has a simpler basic outfit, which can be enhanced with a choice of options.</p>	<p>The design of this machine class has been reinforced once again for professional use in the construction industry, so that the high-quality equipment meets even the most demanding user requirements. For example, the load sensing hydraulics, the ecospeed or ecospeedPRO transmission and the 100% connectable differential lock are installed as standard on the front axle. In addition, there is an extensive range of options that leave nothing to be desired.</p>
<p>Particularly suitable for:</p> <ul style="list-style-type: none"> • Main construction industry • Municipalities • Buildings with lower passage heights 	<p>Particularly suitable for:</p> <ul style="list-style-type: none"> • Waste disposal plants • Material handling • Recycling



Ideally equipped for your use

Efficient material handling thanks to driver assistance systems

Frame	ecospeed & ecospeedPRO	Operating concept
<p>The torsionally-resistant heavy-duty frame of the telehandler makes a maximum payload possible. The forces are diverted laterally here into the frame to be able to get the most out of the machine. The balanced weight distribution and low center of gravity provide extra stability.</p>	<p>The variable and hydrostatic high-speed gearbox was co-developed and developed further by Kramer. The ecospeed and ecospeedPRO drive system allow for continuous acceleration from 0-40 km/h without shifting and without losses in either power or tractive forces.</p>	<p>The consistent Kramer operating concept with the electronic pilot operated all-in-one joystick and jog dial control element allows intuitive operation of all functions. For example, the joystick's sensitivity can be individually adjusted. All relevant vehicle data and settings are shown on the new 7" display.</p>
Smart Driving	Smart Loading	Smart Handling
<p>The intelligent engine speed reduction "Smart Driving" optimally adjusts the engine speed at a constant travel speed. At maximum speed, this provides reduced noise, lower fuel consumption and a reduced load of the individual machine components. It is possible to reduce engine speed to 1,550 rpm in combination with the new ecospeedPRO.</p>	<p>This system provides faster loading, less loss of material and also protects against damage to the attachment. To quickly achieve the target position of the attachment for example, the automatic bucket return, the so-called Smart Loading, assists the operator. The previously stored position of the quickhitch plate can be reached at the simple touch of a button on the joystick.</p>	<p>Maximum payload, fully extended loader unit, engine speed in the detent – the Smart Handling overload system has everything under control in any working situation. The intelligent operator assistance system prevents loads from entering into the overload range and thus prevents the machine tipping over in the longitudinal direction. Smart handling offers three modes to suit the individual needs of the operator.</p>

Smart Handling - Three modes for all requirements

Stacking mode

During raising and lowering of the loader unit, the telescopic arm moves in a vertical line and the loader unit automatically telescopes in and out in the process. The load center does not shift and the machine remains in the safe range. Quick stacking at greater heights is thus possible.

Bucket mode

When lowering the loader unit, it is automatically retracted. During lowering – even at maximum payload – this machine never enters the overload range.

Manual mode

No automatic movements of the loader unit are carried out. If the overload limit is reached, the loader unit stops. Then only lifting, retracting or dumping of material is possible. The lowering speed increases with decreasing angle.

Simply select Smart Handling: A mode change occurs via the switches shown.



Heroes with strong arms

Sturdy, versatile and efficient down to the last detail

Whether the compact all-rounder or the max. power output for professional application, all six models are made for the varied tasks in the construction industry. The telehandlers are characterized by their high level of user friendliness and technical refinement. See for yourself!



Smart Handling
Overload protection paired with higher productivity.

Powerful work hydraulics
Powerful Load-sensing hydraulics with up to 187 l/min for speedy work processes.

Telescopic arm
with load stabilizer and end position damping in all cylinders.

Modern operating concept
with 7" LCD display, all-in-one joystick and jog dial control element for convenient machine control.

Large, wide-opening engine hood
for easy maintenance.

Powerful Deutz engines
with a maxium performance of 115 kW (156 hp).

Rigid connection frame
in modular profile design with lateral support for the telescopic arm.

Variable drive system
for sensitive work and high pushing power.

Solid quick hitch plate
with four 50 mm locking cylinders for a perfect fit of attachments.

Telehandlers for the highest demands

With our robust telehandlers, we can offer manoeuvrable and stable machines that enable a wide range of work. The telehandlers are perfectly complemented by the intelligent operator assistance system for maximum efficiency."

Martin Eppinger | Technical managing director | Kramer-Werke GmbH

Heavy duty axles
with internal brakes for optimal deceleration and maximum protection from water and dirt.

Standard rpm reduction
with ecospeed and ecospeedPRO to protect both operator and machine.

Technical data

Operating data and power rating		Unit	3007	3507	4407
Max. payload (LSP 500 mm)	kg		3.000	3.500	4.400
Max. stacking height	mm		7.000	7.000	7.000
Payload at max. lift height	kg		2.000	2.200	3.300
Payload at max. reach	kg		1.000	1.200	1.500
Stacking height at max. payload	mm		5.500	5.220	5.100
Reach at max. payload	mm		1.780	1.680	1.600
Max. reach	mm		3.760	3.760	3.790
Turning radius over tyres	mm		3.840	3.840	3.755
Operating weight	kg		5.920 - 7.370	6.170 - 7.620	8.100 - 9.100
Engine		Unit			
Make	–		Deutz	Deutz	Deutz
Type/Model	–		TCD 3.6 / L4	TCD 3.6 / L4	TCD 3.6 / L4
Performance	kW/PS		100 / 136	100 / 136	100 / 136
Max. torque	Nm		500	500	500
Displacement	cm³		3.621	3.621	3.621
Exhaust emissions stage	–		Stufe IV	Stufe IV	Stufe IV
Exhaust after-treatment	–		DOC + SCR	DOC + SCR	DOC + SCR
Power transmission		Unit			
Drive system	–		Hydrostat	Hydrostat	ecospeed
Max. Speed	km/h		30	40	40
Total oscillating angle at the rear axle	°		20	20	20
Differential lock	–		Self-locking differential 45% in the front axle		100% in the front axle
Service brake	–		Foot-activated hydraulic disc brake		Foot-actuated hydraulic oil bath disc brake
Parking brake	–		Hand-operated mechanical disc brake		Electro-hydraulic disc brake
Standard tires (AS tread)	–		405/70-24		460/70R24
Work hydraulics		Unit			
Work pump	–		Gear pump with LUDV (load-independent flow control)	Load-sensing axial piston pump	Load-sensing axial piston pump
Max. flow rate (pump)	l/min			140	140
Max. pressure	bar			260	260
Kinematics		Unit			
Bucket capacity	m³		1,0 - 2,0	1,0 - 2,0	1,2 - 3,0
Total swing angle of tool carrier	°		155	155	152
Raise/lower lift cylinder	s		8 / 6	6 / 5	6,5 / 5
Extend/retract extension ram	s		8 / 7	8 / 7	6 / 7
Fill bucket/empty shovel tipping cylinder	s		4 / 4	4 / 4	3,5 / 3
Filling quantities		Unit			
Fuel tank	l		100	100	180
DEF tank	l		9,5	9,5	13
Hydraulic oil tank	l		100	100	100
Hydraulic system (total)	l		170	170	190
Noise emissions*		Unit			
Measured value	dB(A)		104,5	104,5	105
Guaranteed value	dB(A)		106	106	106
Noise level at operator's ear	dB(A)		77	77	77
Vibrations**		Unit			
Total vibration value of the upper body limbs	–		< 2,5 m/s² (< 8.2 feet/s²)		
Highest effective weighted acceleration value for the body	–		< 0,5 m/s² (< 1.64 feet/s²)*** 1,28 m/s² (4.19 feet/s²)****		

* Information: The measurement occurs according to the requirements of the EN 1459 standard and the 2000/14/EC directive. Measuring area: asphalted surface.

** Uncertainty of measurement as specified in ISO/TR 25398:2006. Please instruct or inform the operator of possible hazards from vibrations.

*** on level and secure ground driving appropriately

**** use in extraction under harsh environmental conditions

Technical data

Operating data and power rating		Unit	5007	5507	5509
Max. payload (LSP 500 mm)	kg		4.800	5.500	5.500
Max. stacking height	mm		7.000	7.017	8.750
Payload at max. lift height	kg		3.500	4.000	1.300 / 5.500´
Payload at max. reach	kg		1.700	2.000	2.200
Stacking height at max. payload	mm		5.600	5.500	6.400 / 8.750´
Reach at max. payload	mm		1.700	1.890	2.400
Max. reach	mm		3.790	3.900	4.790
Turning radius over tyres	mm		3.755	3.755	4.350
Operating weight	kg		8.600 - 9.600	9.500 - 10.500	10.500 - 11.500
Engine		Unit			
Make	–		Deutz	Deutz	Deutz
Type/Model	–		TCD 3.6 / L4	TCD 4.1 / L4	TCD 4.1 / L4
Performance	kW/PS		100 / 136	115 / 156	115 / 156
Max. torque	Nm		500	609	609
Displacement	cm³		3.621	4.038	4.038
Exhaust emissions stage	–		Stufe IV	Stufe IV	Stufe IV
Exhaust after-treatment	–		DOC + SCR	DOC + DPf + SCR	DOC + DPf + SCR
Power transmission		Unit			
Drive system	–		ecospeed	ecospeedPRO	ecospeedPRO
Max. Speed	km/h		40	40	40
Total oscillating angle at the rear axle	°		20	20	20
Differential lock	–		100% in the front axle		
Service brake	–		Foot-actuated hydraulic oil bath disc brake		
Parking brake	–		Electro-hydraulic disc brake		
Standard tires (AS tread)	–		460/70R24		
Work hydraulics		Unit			
Work pump	–		Load-sensing axial piston pump		
Max. flow rate (pump)	l/min		140	187	187
Max. pressure	bar		260	260	260
Kinematics		Unit			
Bucket capacity	m³		1,2 - 3,0	1,2 - 4,0	1,2 - 4,0
Total swing angle of tool carrier	°		152	152	152
Raise/lower lift cylinder	s		6,5 / 5	6,5 / 6	9,4 / 6,9
Extend/retract extension ram	s		6 / 7	6 / 6	7 / 6,9
Fill bucket/empty shovel tipping cylinder	s		3,5 / 3	3,5 / 3	3,5 / 3,4
Filling quantities		Unit			
Fuel tank	l		180	180	180
DEF tank	l		13	13	12
Hydraulic oil tank	l		100	100	100
Hydraulic system (total)	l		190	190	190
Noise emissions**		Unit			
Measured value	dB(A)		105	105	105
Guaranteed value	dB(A)		106	106	106
Noise level at operator's ear	dB(A)		77	77	77
Vibrations***		Unit			
Total vibration value of the upper body limbs	–		< 2,5 m/s² (< 8.2 feet/s²)		
Highest effective weighted acceleration value for the body	–		< 0,5 m/s² (< 1.64 feet/s²)**** 1,28 m/s² (4.19 feet/s²)*****		

* with hydraulic leveling

** Information: The measurement occurs according to the requirements of the EN 1459 standard and the 2000/14/EC directive. Measuring area: asphalted surface

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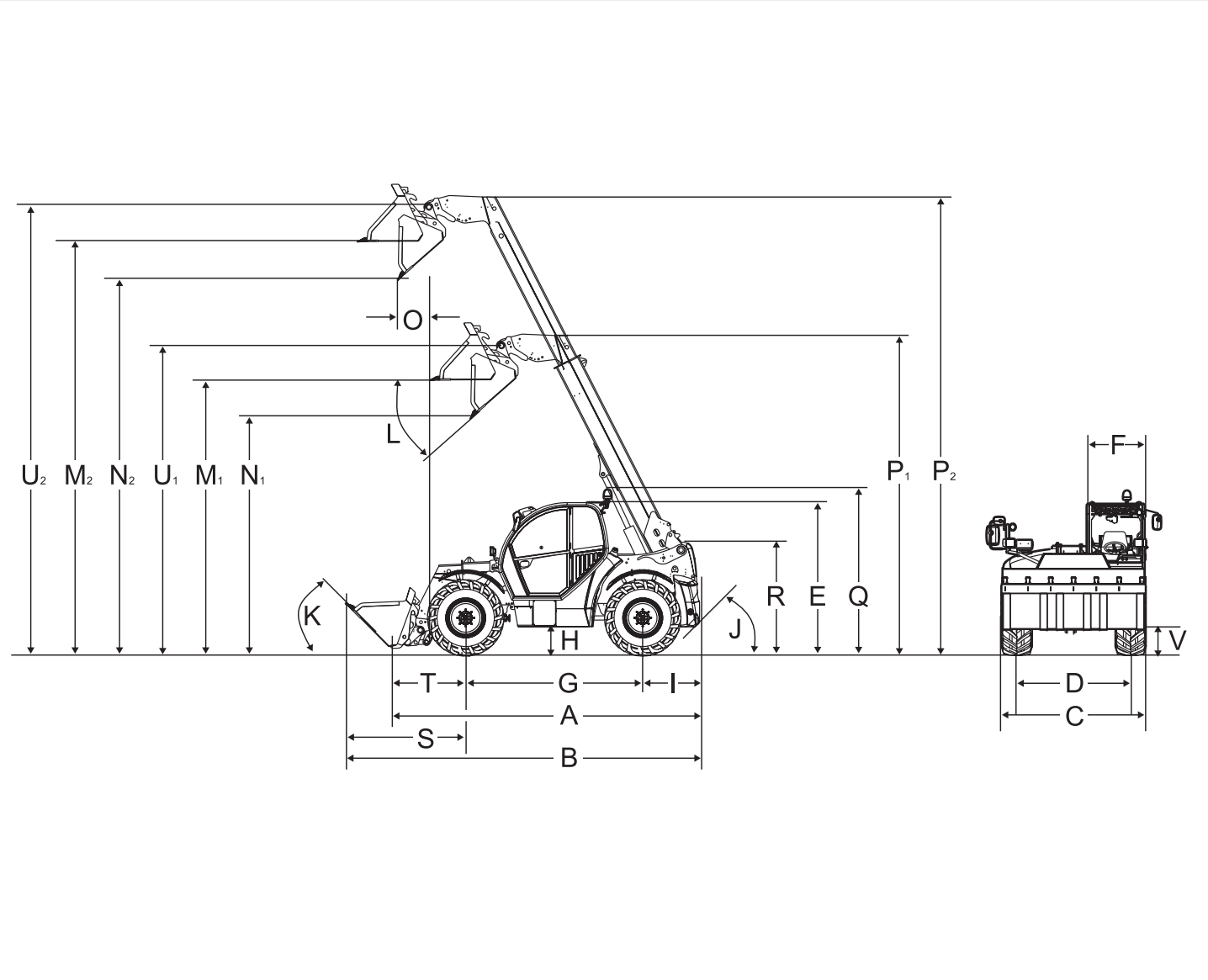
***** use in extraction under harsh environmental conditions

Dimensions

Telehandlers from 7 m - 9 m stacking height									
Dimensions*			Unit	3007	3507	4407	5007	5507	5509
A	Total length		mm	4.880	4.880	4.985	4.985	4.985	5.690 - 5.890
B	Total length with bucket ¹		mm	5.600	5.600	bis 6.160	bis 6.160	bis 6.160	bis 6.690
C	Total width without bucket ²		mm	2.280	2.280	2.500	2.500	2.500	2.500
D	Front/rear track		mm	1.880	1.880	1.995 - 2.065	1.995 - 2.065	1.995 - 2.065	1.995 - 2.065
E	Overall height		mm	2.310	2.310	2.570	2.570	2.570	2.570
F	Cab width		mm	990	990	990	990	990	990
G	Middle wheel base		mm	2.850	2.850	2.950	2.950	2.950	3.150
H	Ground clearance under axle and transmission, fording depth		mm	415	415	418	418	418	412
I	Distance from center of rear wheel to the rear		mm	830	830	950 - 1.100	950 - 1.100	950 - 1.100	1.140 - 1.340
J	Rear approach angle (departure angle)		°	45	45	36,5	36,5	36,5	32
K	Tipping angle ¹		°	49	49	45	45	45	45
L	Tilt out angle ¹		°	41	41	41	41	41	41
M	Load-over height	M1 retracted M2 extended	mm	4.520	4.520	4.518	4.518	4.518	5.545
				6.820	6.820	6.835	6.835	6.835	8.498
N	Dumping height	N1 retracted N2 extended	mm	4.030	4.030	3.865	3.865	3.865	5.015
				6.330	6.330	6.183	6.183	6.183	7.997
O	Dumping reach	extended	mm	110	110	495	495	495	63
P	Tele extension length	P1 retracted P2 extended	mm	5.255	5.255	5.287	5.287	5.287	6.277
				7.820	7.820	7.604	7.604	7.604	9.243
Q	Total height with rotating beacon		mm	2.540	2.540	2.750	2.750	2.750	2.750
R	Total height of telescopic arm support in the frame		mm	1.600	1.600	1.761	1.761	1.761	1.935
S	Distance from the middle of the front wheel to the front edge of the bucket		mm	1.920	1.920	max. 2.260	max. 2.260	max. 2.260	max. 2.400
T	Distance from the middle of the front wheel support to the quick coupler system frame		mm	1.200	1.200	753	753	753	1.310
U	Bucket pivot point	U1 retracted U2 extended	mm	5.035	5.035	5.092	5.092	5.092	6.116
				7.335	7.335	7.409	7.409	7.409	9.083
V	Transport rack with attachment		mm	250	250	250	250	250	250
–	Turning radius of outer edge of wheels		mm	3.840	3.840	3.755	3.755	3.755	4.350
–	Entry height cabin floor		mm	720	720	975	975	975	975
–	Turning radius of outer edge of bucket		mm	5.000	5.000	5.000	5.000	5.000	5.350

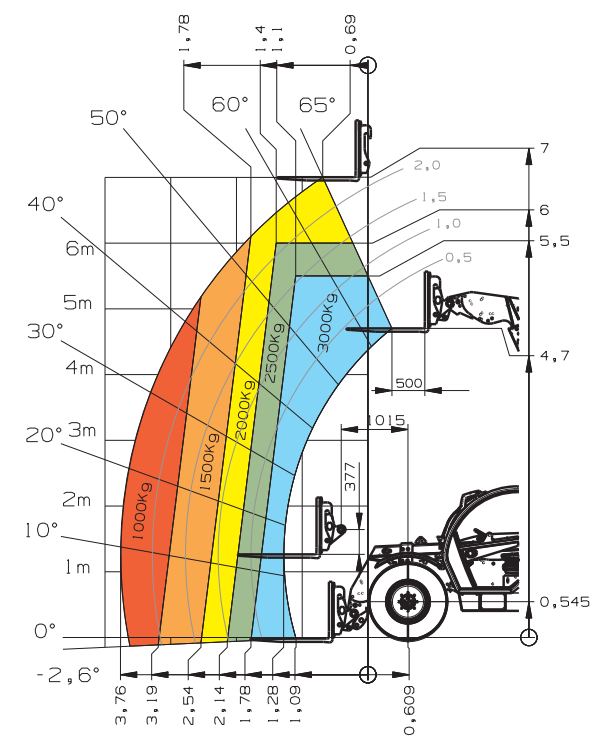
¹ With standard bucket
² Depending on tyres, with mirrors folded in
* Machine dimensions may vary depending on tyres

Dimensions



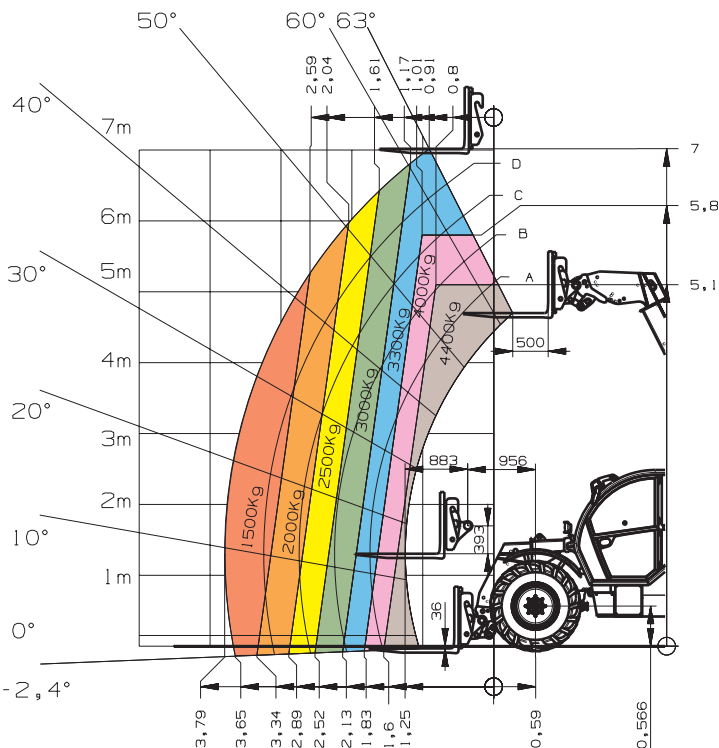
Load-bearing capacity diagrams

3007 Load-bearing capacity diagram (with LC 500 mm)

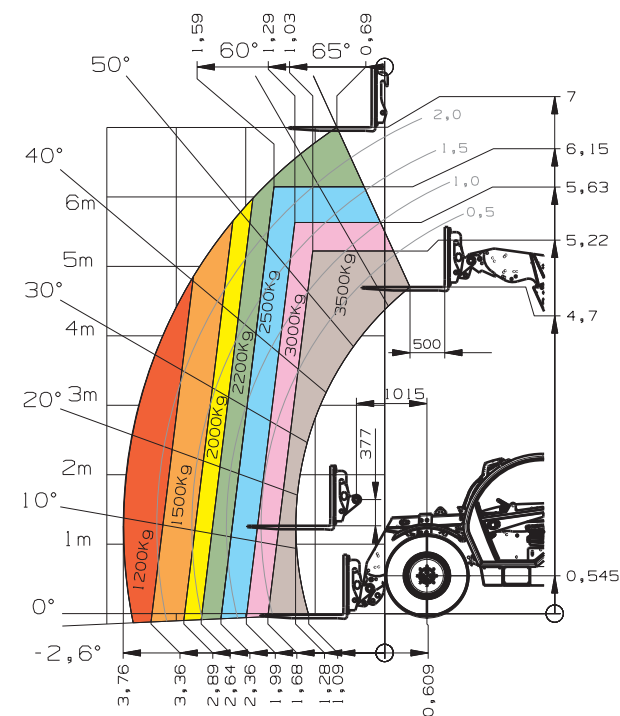


Load-bearing capacity diagrams

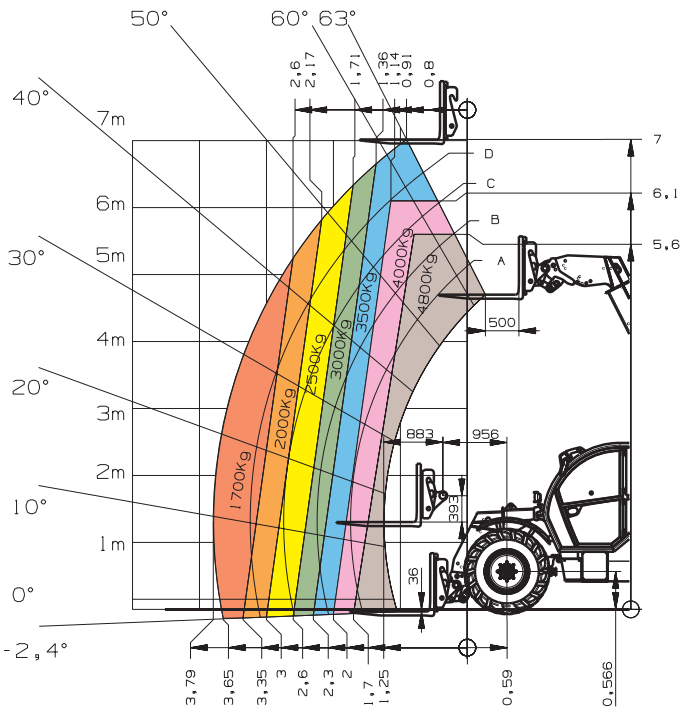
4407 Load-bearing capacity diagram (with LC 500 mm)



3507 Load-bearing capacity diagram (with LC 500 mm)

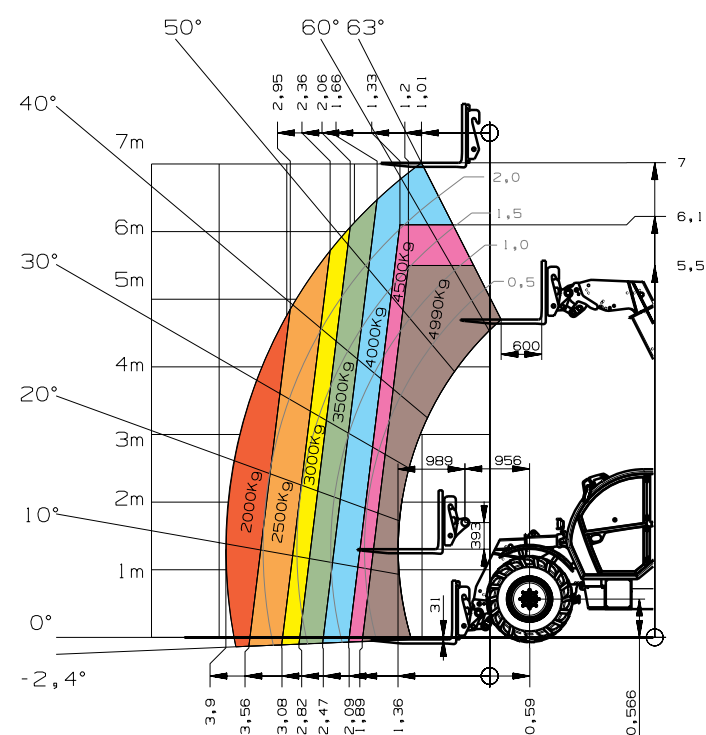


5007 Load-bearing capacity diagram (with LC 500 mm)



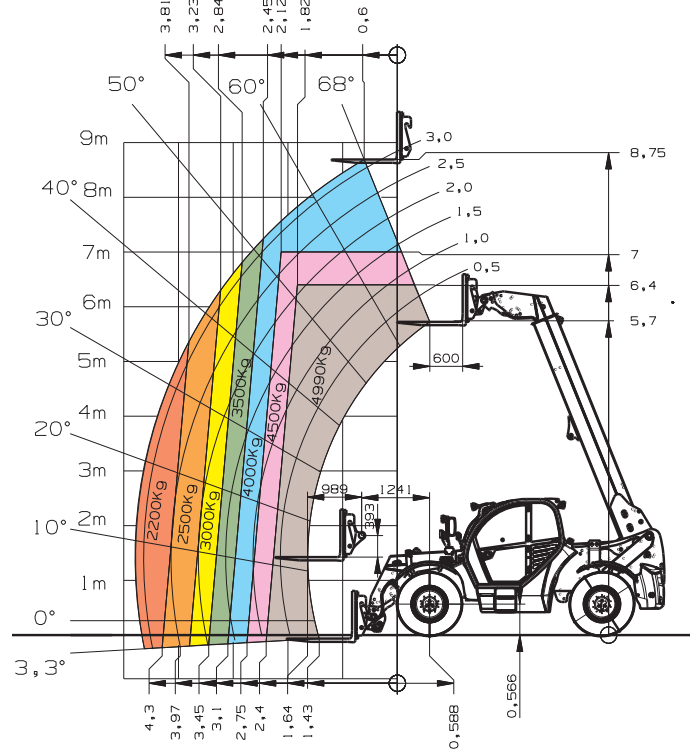
Load-bearing capacity diagrams

5507 Load-bearing capacity diagram (with LC 600 mm)

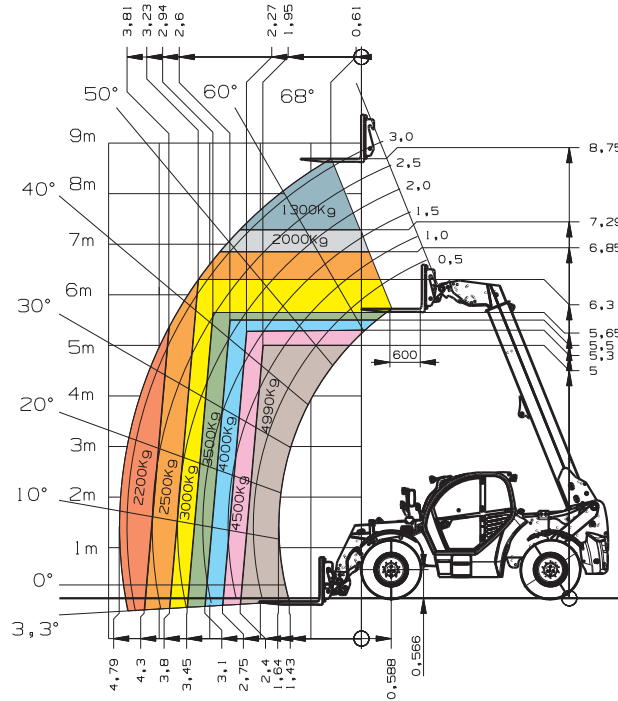


Load-bearing capacity diagrams

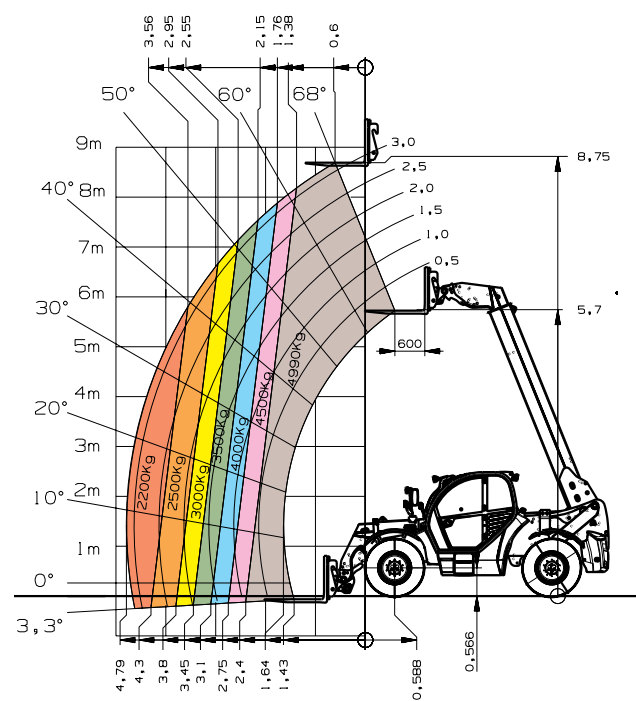
5509 Load-bearing capacity diagram (with LC 600 mm) with oscillating axle lock



5509 Load-bearing capacity diagram (with LC 600 mm) without hydraulic levelling and oscillating axle lock



5509 Load-bearing capacity diagram (with LC 600 mm) with hydraulic levelling and oscillating axle lock





Wheel loaders

Bucket capacity: 0,25 - 1,55 m³



Tele-Wheel loaders

Bucket capacity: 0,65 - 0,95 m³



Telehandlers

Payload: 800 - 5,500 kg

Service that you can see

Focus on your daily activities – with our comprehensive services available, we take care of the rest.
Because we are there for you when you need us: competent, quick and directly on site if necessary.



Repair & maintenance



Academy



Telematics



Insurance



Spare parts



Finance



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