

Elite

Kramer Allrad Wheel Loaders

380 • 480 • 580 • 680 • 780

380
480
580
680
780



kramerALLRAD®



Perfect formation.

Everyone a winner:
Together – what a team!



SOMETHING REALLY SPECIAL TO LOOK UP TO: HANDSOME, IMPRESSIVE AND INSPIRATIONAL. THE PERFECT INTERPLAY OF TECHNOLOGY, CAPABILITY AND DYNAMISM. SIMPLY SOARING PERFORMANCE.

The 80 Series from Kramer establishes a benchmark. Not only are these models at the technological cutting-edge and in tune with the times, they also represent an aspirational model for an entire generation. They form an elite that not only looks superior but performs that way too.

Peak performance for every job.

Perfect balance: Perfect qualities.

1 System bearer

Not only are the wheel loaders of the 80 Series technically sophisticated, they are also sturdy, all-terrain system bearers for the widest variety of tool attachments. They suit the modern world better than ever, since they are compact, powerful, intelligent and enormously adaptable. These are machines with practically limitless possibilities.

2 Attachment areas

Technical possibilities from front to back to fully exploit the machine's strengths and capabilities: the 80 Series models are built for versatility. With Powerflow hydraulics, 3-point adapter with PTO and high-sensitivity steering, you are always guaranteed power with pinpoint accuracy.

3 Steering modes

Kramer all-wheel steering is legendary. Front-wheel steering mode plays to the vehicle's strengths when higher speeds are the order of the day, and crab steering offers invaluable aid in conditions of precision working. The models of the 80 Series take every challenge in their stride, driving you towards success in every working process. No matter what.

4 Comfort zones

If you work in comfort, you work a whole lot better. This is why the four comfort zones – cab, seat, controls and easy maintenance access – should in no way be considered as "luxuries". From the colour coding of the displays to the joystick and adjustable steering column, the needs of the operator always come first.

5 Model ranges

Kramer is the versatility specialist, and has the right machine for every job, every type of customer and every type of application: mini-loader, wheel loader, tele wheel loader, compact telehandler and telehandler. These five model lines are perfectly complementary in terms of market positioning, offering a sound basis for providing bespoke solutions to individual customer needs.



High Balanced Handling®

ALL-ROUND STRENGTHS. FROM PERFORMANCE TO VALUE-FOR-MONEY. FROM EASY HANDLING TO USER COMFORT. FROM FUNCTION TO DESIGN. A RADICAL RETHINK THAT OPENS UP A VISTA OF NEW PERSPECTIVES. ALL UNDERPINNED BY A SOLID STRUCTURE.



1 System bearer:

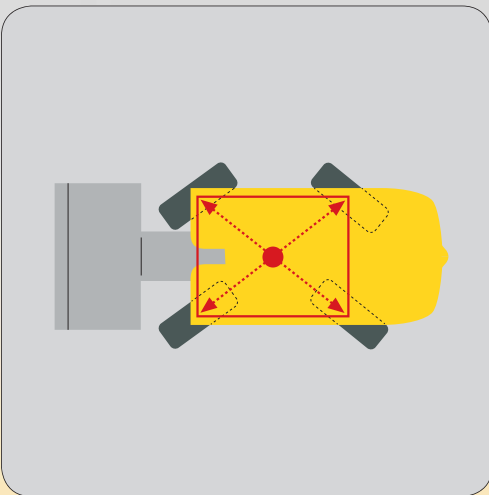
The backbone of success.

Compact. Stable. Manoeuvrable
and all-terrain capable.

- 1 **Stable whatever the surface.** Safe travel guaranteed at all times, even across the most rugged terrain.

- 2 **High thrust force always on call.** Efficient working thanks to the perfect interplay of engine and hydraulics.
- 3 **More room to manoeuvre.** Turning on a sixpence with no risk of accidental tipping. Precision steering. Kramer drivers are the masters of every situation.





- Constant high payload over the entire steering angle range.
- No risk of tipping on tight bends.
- Security and speed maintained even on harsh terrain.
- Load stability with no ifs or buts.

An outright winner on the testbed of practical experience: the slim build, optimal power-to-weight ratio and high-grade components guarantee efficient deployment and lasting value for money.

The 80 Series models already fulfil all the requirements that in the future will matter more than ever:

- **comprehensive performance specs**, stacks in reserve, sensitive hydraulics and practically-orientated equipment within clearly defined categories.
- **High thrust and tear-out forces** can be called upon at any time and, thanks to Kramer design principles, are easy and safe to deploy.
- **Long-lasting quality and high availability**, supported and assured on the strength of easy maintenance, qualified Kramer partners, tried-and-tested servicing plans and comprehensive guarantees.
- **Incredible flexibility** and versatility in deployment.



2 attachment areas:

Multiple usages.

The wheel loader as the hub of a complementary system.



THE WHEEL LOADER AS THE FOUNDATION FOR MAXIMUM FLEXIBILITY:

- All options available ex-works with mutually compatible components
- Hanging pedals for sensitive braking/inching function
- Stepless Ecospeed high-speed drive up to 40 kph
- One-piece chassis as foundation for many attachment tools (stability)
- Roomiest comfort cab on the market
- Innovative multifunction joystick with night mode
- 3 steering modes (all-wheel, front-wheel and crab steering)
- Proportional steering for auxiliary control circuit
- Ergonomic cockpit
- Boarding access from either side
- Optimal heating and cooling performance
- Pilot-controlled work hydraulics
- 3rd control circuit integrated in joystick
- Air conditioning
- Programmable auxiliary heating
- Chiller box
- Low-speed control
- Manual throttle
- Unpressurised reflux
- Heated outside mirrors
- Heated seat



FRONT TOOL ATTACHMENT AREA:

- Hydraulic quick-hitch
- Tool attachment compatibility stretching back over 40 years
- Powerflow high-performance hydraulics
- Generously-dimensioned hose lines
- Work platform attachments
- Hose lines on vehicle for 3rd and 4th control circuits
- Hose burst valves for material handling safety
- Shock absorber with automatic function (load stabiliser)
- 4th control circuit
- Front power socket

REAR TOOL ATTACHMENT AREA:

- Trailer coupling (ball coupling and automatic)
- Rear hydraulics
- Tipper connection for trailer
- Air brake unit for trailer loads of up to 14 tonnes
- Rear power socket
- Reversing camera



380
480
580
680
780

- 1 Snowplough and spreader
- 2 Snowblower
- 3 Sweeper
- 4 Work platform
- 5 Grab bucket
- 6 Pallet forks
- 7 Trailer coupling (ball coupling or automatic)
- 8 Trailer coupling with tipper hydraulics and brake unit
- 9 Hydraulic spreader



**Machines become systems. Work becomes processes.
Technology has to serve the workflow. Kramer brings you the
edge you require.**

Future-proofing, ensuring broad possibilities and active support for versatile deployment. Technology that grows as your tasks evolve. Tools for the job that fit like a glove. In the Kramer 80 Series, all this is not just made possible, it is already “built-in”.





STANDARD ATTACHMENTS

With the hydraulic Kramer quick-hitch system, standard tool attachments can be switched with ease from the driver's seat in less than 10 seconds. Work safer, faster.

HYDRAULICALLY OPERATED ATTACHMENTS

Thanks to the proportional technology, the hydraulics can be controlled sensitively, effortlessly and with extreme precision via the joystick. A 3rd control circuit with continuous operation function is integrated as standard. A 4th circuit is available as an option.

POWERFLOW ATTACHMENTS

Optional high-performance hydraulics with up to 35 kW hydraulic power for the highest performance, even in continuous operation. This means that even power-intensive tool attachments such as cold planers and snowblowers can be operated without any difficulty.

PTO ATTACHMENTS

An enormous plus-point for even greater flexibility and cost-effectiveness. Using the three-point adapter with PTO, devices such as wood shredders and winches can also be operated. This makes the models of the 80 Series the definitive jacks-of-all-trades.

2 attachment areas: All-around performance.



3 steering modes:

A nifty mover.

All-wheel and front-wheel steering.

Crab steering.



1



2



3

The best steering mode is always the one best-suited to the current situation. With your 80 Series machine you're kept automatically on the right track.

The flexibility of Kramer wheel loaders associated with the Kramer all-wheel steering mode is legendary. Front-wheel steering mode is activated in order to be able to travel faster than 20 kph, so as to guarantee drive performance and safety at higher speeds and in highway traffic. As for the crab steering mode, this is ideal in cramped conditions. It allows the wheel loader to drive up to an object with centimetre precision. This mode also allows tool attachments to be deployed in offset to the drive direction of the wheel loader.

3 steering modes for best position-suited performance:

- 1 All-wheel steering from Kramer: total flexibility and power while turning on a sixpence.
- 2 Front-wheel steering: the feel of a towing vehicle and the sense of driving in complete safety.
- 3 Crab steering: precision control in the tightest of spots.



380
480
580
680



3 steering modes:

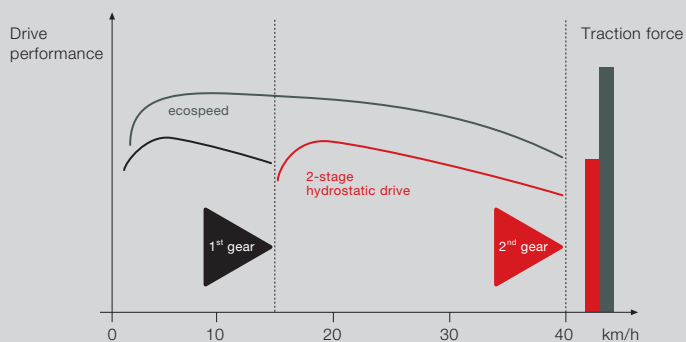
Full-fledged towing vehicle.

Compliant with Europe-wide standards.*

Enabled through Ecospeed.

ecospeed®

Optimized traction force, minimized fuel consumption and reduced noise emissions: the stepless Ecospeed drive combines high economic potential with eco-friendly qualities.



Ecospeed is a stepless high-speed drive, co-developed by Kramer, which allies maximum efficiency with optimal environmental sustainability.

Ecospeed works intelligently and optimises every second the interplay of drive performance, traction force, fuel consumption and emission values. Ecospeed translates the situational requirements into rapid, direct acceleration and into smooth and silky changes in direction. This enables particularly high handling capacity while at the same time saving on resources, and is highly advantageous when moving intensively back and forth, such as when loading and unloading lorries. The benefits in terms of time savings and operator comfort kick in straightaway.



Kramer Ecospeed drive:

Translating to a tee today's requirements into tomorrow's practical applications:

- EU tractor standard for use on European streets*
- Stepless from 0 – 40 kph
- Minimal fuel consumption
- Reduced noise emissions

The combination of the intelligent drive system with the trailer coupling on the Kramer machine offers yet another major plus: the possibility of using it as a full-fledged, dynamic towing vehicle.



MAXIMUM PERMISSIBLE TRAILER WEIGHTS*

	without brake	with brake ball coupling	with brake automat. trailer hitch	with brake and brake unit
WHEEL LOADER				
380	750 kg	3500 kg	8000 kg	–
480	750 kg	3500 kg	8000 kg	–
580	750 kg	3500 kg	8000 kg	–
680	750 kg	3500 kg	8000 kg	14000 kg
780	750 kg	3500 kg	8000 kg	–

Ecospeed and trailer coupling together make the wheel loader the perfect towing vehicle. It has now also received EU tractor certification for use on the public highway.

- Up to 14 tonnes trailer load.*
- Tool attachments, construction machinery and materials can all be transported together, with the cost savings this entails.
- Considerably reduced TCO when compared to work machines that are subject to registration (automobile insurance, tax, etc.); the extra costs for the trailer coupling may be written off after only one year.
- All tool attachments can remain attached when driving on the road.*
- It is possible to drive with a loaded bucket.*

* the national provisions and regulations must be observed.



4 comfort zones:

Spacious comfort cab.

Optimal maintenance access.

Perfect all-round visibility.



Premium quality inside and out: the generously dimensioned Kramer comfort cab is a performance centre with all the character of a cockpit.

Safe, broad doorways on both sides of the wheel loader, joystick with function lighting and a panoramic all-round view for the driver in whatever position testify to the design qualities of the 80 Series, both inside and out. The hanging pedals facilitate the cleaning of the cab floor and the ergonomically-shaped driver's seat can be adjusted, as can the steering column. The situation and form of the controls and of the maintenance access were developed on the basis of practical tests.

All this makes the 80 Series not only more comfortable and safer, but also makes it a pleasure to handle. Every aspect makes abundantly clear just how consistently the focus was set on the human operator for whom this spacious and productive workspace was designed.



380 480 580 680

- 1 Lots of room, great visibility: perfect all-round views and a well-appointed workspace. The instruments are colour-coded so that the driver can see all functions at a glance.
- 2 The adjustable seats and steering column ensure that each Kramer model of the 80 Series is a genuinely individual machine.
- 3 The easy maintenance access ensures that daily checks will become second nature.
- 4 Multifunction joystick with integrated function lighting. The driver can always keep one hand on the steering wheel.



3



4



5 model ranges:

Perfect formation.
Ideal balance of payload,
performance and bucket capacity.

ALL KRAMER LOADERS COME OFF THE PRODUCTION LINE OF A LEADING COMPACT MACHINERY MANUFACTURER BASED IN THE HEART OF EUROPE. THEY BEAR THE HALLMARK OF QUALITY, STABILITY AND CONSISTENCY THAT YOU CAN RELY ON: TYPICALLY "MADE IN GERMANY". EVERY MODEL IS BUILT TO LAST AND IS A MODULAR ELEMENT OF AN OVERALL SYSTEM.

ONE PART FITS INTO ANOTHER, AND EVERYTHING IS FUTURE-PROOFED, FOR LONG-TERM COST-EFFECTIVENESS.

MÜNCHEN
Pfullendorf





Max. engine output

Bucket capacity

Max. payload

Weight

Turning radius (Tyres)

Max. speed

Max. load-over height

MINI-LOADERS

250 ROPS	16 kW / 22 PS	0,25–0,45 m ³	850 kg	1540 kg	1950 mm	0–20 km/h	2680 mm
350 ROPS	27 kW / 37 PS	0,35–0,55 m ³	970 kg	1620 kg	1950 mm	0–20 km/h	2680 mm
350 CAB	27 kW / 37 PS	0,35–0,55 m ³	970 kg	1720 kg	1950 mm	0–20 km/h	2680 mm
180	23 kW / 31 PS	0,3–0,4 m ³	950 kg	1860 kg	1940 mm	0–20 km/h	2458 mm
280	28 kW / 40 PS	0,65–1,1 m ³	1900 kg	3300 kg	2430 mm	0–20 km/h	2820 mm

WHEEL LOADERS

750	45 kW / 61 PS	0,75–1,15 m ³	2300 kg	4200 kg	2550 mm	0–30 km/h	2915 mm
850	45 kW / 61 PS	0,85–1,3 m ³	2350 kg	4500 kg	2550 mm	0–30 km/h	3100 mm
950	58 kW / 79 PS	0,95–1,6 m ³	2500 kg	4700 kg	2780 mm	0–30 km/h	3120 mm
1150	58 kW / 79 PS	1,15–1,8 m ³	3500 kg	5900 kg	2850 mm	0–30 km/h	3235 mm
380	45 kW / 61 PS	0,75–1,15 m ³	2400 kg	4300 kg	2900 mm	0–40 km/h	2915 mm
480	58 kW / 79 PS	0,85–1,3 m ³	2600 kg	4750 kg	2900 mm	0–40 km/h	3100 mm
580	58 kW / 79 PS	0,95–1,5 m ³	2750 kg	4900 kg	2900 mm	0–40 km/h	3050 mm
680	58 kW / 79 PS	1,05–1,6 m ³	3100 kg	5650 kg	2950 mm	0–40 km/h	3050 mm
780	58 kW / 79 PS	1,15–1,8 m ³	3500 kg	6100 kg	2950 mm	0–35 km/h	3200 mm
880	88 kW / 120 PS	1,5–2,5 m ³	4500 kg	8400 kg	3450 mm	0–35 km/h	3530 mm

TELE WHEEL LOADERS

750T	45 kW / 61 PS	0,75–1,2 m ³	2000 kg	5100 kg	2550 mm	0–30 km/h	4510 mm
680T	58 kW / 79 PS	0,95–1,6 m ³	2600 kg	5950 kg	2850 mm	0–40 km/h	4450 mm

COMPACT TELEHANDLERS

1245	23 kW / 31 PS	0,4–1,03 m ³	1200 kg	2530 kg	2607 mm	0–20 km/h	4130 mm
2506	50 kW / 68 PS	0,85–1,8 m ³	2500 kg	4300 kg	3500 mm	0–30 km/h	5730 mm

TELEHANDLERS

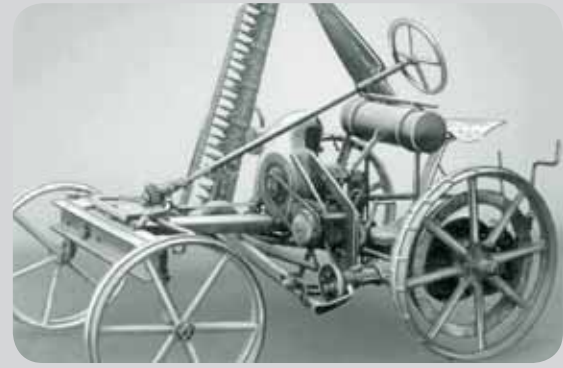
3307	88 kW / 120 PS	1,2–2,5 m ³	3300 kg	7200 kg	3600 mm	0–40 km/h	7050 mm
4507	88 kW / 120 PS	1,2–3,0 m ³	4400 kg	8100 kg	3600 mm	0–40 km/h	7050 mm
4009	88 kW / 120 PS	1,2–3,0 m ³	4000 kg	8600 kg	3850 mm	0–40 km/h	8825 mm

Innovation born of tradition: Robust program. State-of-the-art manufacturing. Competent partners.

High Balanced
Handling®

Genuine competence only becomes established when know-how, ability and customer-orientation have been consolidated over many years to become a distinctive style. The success story of Kramer is telling proof of this adage:

- **Over 50 years of experience in the development,** design and production of intelligent, durable and versatile construction machinery. Structures that have grown organically.
- **Innovation bringing progress to life.** Kramer constantly strives to make things work better. This is how the brand has become the acknowledged pioneer and market leader that it is today.
- **Consistent customer orientation, personal contacts,** the flexibility and short decision pathways of a medium-sized enterprise, along with the security of guaranteed and rapid spare parts procurement with no red tape.
- **A broad one-stop product and service spectrum:** "Made in Germany", in the Bodensee region. Development, production, purchasing and sales all on one site.
- **The most up-to-date manufacturing facilities with in-house paint shop** and an experienced workforce, who personally invest a great deal of value in the quality of "their machines".
- **Robust, long-standing trading partners** and well-trained contacts who represent Kramer out of conviction and for whom one thing counts above all else: loyal and contented customers.





- 1925 Founding of the company as a manufacturer of motor mowers.
- 1963 Kramer is the first manufacturer to present a hydraulic quick-hitch mechanism.



- 1965 The innovative load stabiliser for the boom arm is developed by Kramer engineers.
- 1987 The first all-wheel-steering wheel loader is launched on the market. The steering system continues to be found in all Kramer vehicles.



- 1992 In order to satisfy customer requirements, Kramer develops a wheel loader with telescopic boom. The extra pallet height and reach give customers what they were looking for.
- 2000 The Neuson and Kramer companies merge to become Neuson Kramer Baumaschinen AG, a company specialising in the development and manufacturing of compact machinery.



- 2003 Kramer presents the first wheel loader series with stepless high-speed drive ("Ecospeed") and highway-certified trailer coupling.
- 2005 A new vehicle segment – the telehandler – is developed and unveiled. Through cooperation with the agricultural machinery manufacturer, Claas, telehandlers are successfully marketed to the agricultural sector.



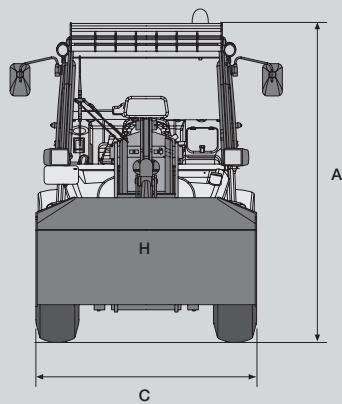
- 2007 A new company is born: Neuson Kramer Baumaschinen AG and Wacker Construction Equipment AG come together to form Wacker Neuson SE, a comprehensive provider of Light and Compact Equipment.
- 2008 Due to increasing demand and the expansion of the product range, Kramer builds a new factory from scratch in Pfullendorf. This is one of the most up-to-date manufacturing sites in Europe.



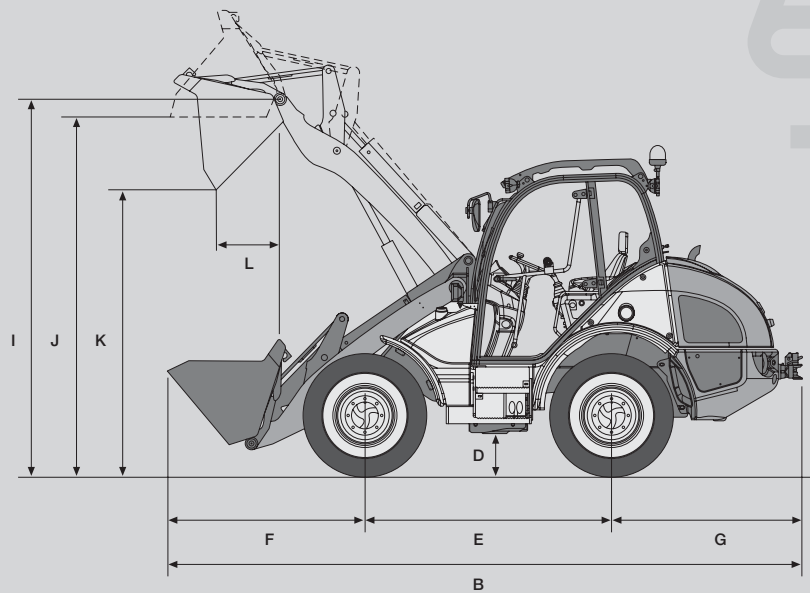


Awe-inspiring:

Soaring on the wings of technology.




With standard bucket and standard tyres
(front view)



With standard bucket and standard tyres

DIMENSIONS	380	480	580	680	780
A Height (without protective grille)	2450 mm	2480 mm	2480 mm	2640 mm	2680 mm
B Length	5080 mm	5280 mm	5410 mm	5710 mm	5800 mm
C Width	1750 mm	1780 mm	1780 mm	1920 mm	1970 mm
D Ground clearance	300 mm	330 mm	330 mm	350 mm	390 mm
E Wheelbase	2020 mm	2020 mm	2020 mm	2150 mm	2150 mm
F Centre of front axle to tip of teeth	1570 mm	1770 mm	1900 mm	1940 mm	2030 mm
G Centre of rear axle to end of vehicle	1490 mm	1490 mm	1490 mm	1620 mm	1620 mm
H Bucket width	1750 mm	1850 mm	1950 mm	2050 mm	2150 mm
I Pin height	3065 mm	3250 mm	3250 mm	3285 mm	3450 mm
J Load-over height	2915 mm	3100 mm	3050 mm	3050 mm	3200 mm
K Dump height	2400 mm	2500 mm	2500 mm	2500 mm	2720 mm
L Dump reach	650 mm	660 mm	650 mm	750 mm	660 mm
Pallet height	2800 mm	3000 mm	3000 mm	3000 mm	3200 mm

380
480
580
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780

 OPERATIONAL DATA	380	480	580	680	780
Bucket capacity	0,75 – 1,15 m ³	0,85 – 1,3 m ³	0,95 – 1,5 m ³	1,05 – 1,6 m ³	1,15 – 1,8 m ³
Weight	4300 kg	4750 kg	4900 kg	5650 kg	6100 kg
Turning radius wheel outside edge	2900 mm	2900 mm	2900 mm	2950 mm	2950 mm
ENGINE					
Make / Type / Model	Deutz D 2011 L04 W in-line diesel engine				
Output	45 kW / 61 hp at 2300 rpm	45 kW / 61 hp at 2300 rpm 58 kW / 79 hp *	58 kW / 79 hp at 2300 rpm	58 kW / 79 hp at 2300 rpm	58 kW / 79 hp at 2300 rpm
Max. torque	210 Nm at 1700 rpm	210 Nm at 1700 rpm	270 Nm at 1600 rpm	270 Nm at 1600 rpm	270 Nm at 1600 rpm
Engine displacement	3619 cm ³	3619 cm ³	3619 cm ³	3619 cm ³	3619 cm ³
Emissions	tested and certified as per 97/68EC, emissions standard level 3a				
POWER TRANSMISSION					
Drive	continuously variable hydrostatic axial-piston gearbox, 4-wheel drive, brake/inching pedal				
Drive speed	0–20 kph 0–30 kph * 0–40 kph *	0–20 kph 0–30 kph * 0–40 kph *	0–20 kph 0–30 kph * 0–40 kph *	0–20 kph 0–30 kph * 0–40 kph *	0–20 kph 0–30 kph * 0–35 kph *
Axles	Planetary steering drive axles, Front axle screwed rigid to the frame, Oscillating rear axle				
Total oscillation angle	22°	22°	22°	22°	22°
Differential lock in front and rear axles	Self-locking differential	Self-locking differential	Self-locking differential	100% locked	100% locked
Service brake	foot pedal operated hydraulic disc brake				
Parking brake	hand-operated mechanical disc brake				
Standard tyres	12,5–18	12,5–20	12,5–20	14,5–20	405/70–24
STEERING AND WORK HYDRAULICS					
Mode of function	hydrostatic all-wheel steering with emergency steering properties				
Steering pump	hydraulic pump, steering unit with priority valve				
Steering ram	double-acting, with automatic synchronization in final position				
Max. steering angle	2 x 40°	2 x 40°	2 x 40°	2 x 40°	2 x 40°
Work pump	Gear pump				
Flow rate	50 l/min	70 l/min	70 l/min	84 l/min	84 l/min
Pressure	240 bar	240 bar	240 bar	240 bar	240 bar
Filter	Combined suction reflux filter				
Pressure limitation	Primary pressure limitation, secondary pressure in tilt ram/lift ram				
KINEMATICS					
Model	Parallel kinematics				
Lifting capacity	34 kN	43,8 kN	43,6 kN	44,5 kN	46,3 kN
Tear-out force	31,8 kN	40,7 kN	39,4 kN	40,2 kN	41,9 kN
Raising Lowering	5,0 sec 4,7 sec	6,0 sec 4,0 sec	6,0 sec 4,0 sec	5,2 sec 3,8 sec	6,2 sec 4,8 sec
Tilting in Tilting out	2,5 sec 3,3 sec	2,4 sec 2,4 sec	2,4 sec 2,4 sec	2,5 sec 2,8 sec	2,3 sec 2,9 sec
Tilt-in angle Tilt-out angle	50° 45°	50° 45°	50° 45°	50° 45°	50° 45°
Tipping load (standard bucket)	3500 kg	3500 kg	3750 kg	4100 kg	4300 kg
Tipping load (pallets)	2500 kg	2750 kg	2875 kg	3125 kg	3625 kg
Payload S = 1.25 (pallets)	2000 kg	2200 kg	2300 kg	2500 kg	2900 kg
Payload S = 1.67 (pallets)	1500 kg	1650 kg	1700 kg	1850 kg	2170 kg
Payload in transport position S = 1.25 kg (pallets)	2400 kg	2600 kg	2750 kg	3100 kg	3500 kg
Scraping depth	50 mm	60 mm	60 mm	60 mm	55 mm
CAPACITIES					
Fuel tank / Extra tank (optional)	85 l / 60 l	85 l / 60 l	85 l / 60 l	120 l / –	120 l / –
Hydraulic oil tank	50 l	50 l	50 l	50 l	50 l
NOISE EMISSIONS as per 2000/14/EC					
ELECTRIC SYSTEM					
Operating voltage / Battery	12 V / 88 Ah	12 V / 88 Ah	12 V / 88 Ah	12 V / 88 Ah	12 V / 88 Ah
Alternator	95 A	95 A	95 A	95 A	95 A
Starter	2,3 kW	2,3 kW	2,3 kW	2,3 kW	2,3 kW

STANDARD EQUIPMENT

380 • 480 • 580 • 680 • 780

CAB

Soundproofed, vibration-insulated, 4-point suspension cab, with large, curved, tinted windows. Excellent all around visibility from a spacious and comfortable work environment for increased safety and efficiency. Extremely roomy cab with a large number of storage possibilities. Optimized visibility for a maximum dump height.

Mounting / alighting. The cab can be accessed from both sides using the large and convenient steps, and on the right thanks to the collapsible control console.

Doors. The fully-glazed doors provide optimal side visibility. Both doors can be opened and folded back 180°, and the right-hand door can be locked at an angle of 5°. Full access through right-hand door by folding back the joystick console.

Driver's seat. Mechanically-sprung comfort seat with automatic seat belt, weight adjustment, backrest adjustment and dual horizontal adjustment.

Heating, ventilation. 3-speed powerful heating and ventilation with recirculated-air mode, defroster nozzles on the front windscreen with four additional adjustable nozzles.

Instrument panel. Neatly designed instrument panel with control lights and colour-coded tip switches.

Steering column. Telescopic and incline-adjustable.

Joystick console (collapsible). Ergonomically laid-out cockpit controls including:

- hydraulically pilot-controlled joystick for raising/lowering and tilting in/tilting out the boom, with rocker switch for selecting the drive direction along with integrated 3rd control circuit (proportional steering) for locking/unlocking the quick-hitch plate and for operating hydraulic implements.

- function lighting integrated in the joystick.

- Switch for 3rd control circuit (continuous operation).

680 Switch for 100% differential lock.

780

Rearview mirrors. Large outside mirrors, foldable to notched positions on either side.

Sun visor

Screen wipers. Front and rear. Extremely large wipe radius, offering the driver unimpaired vision through 90% of the front windscreen. The large washer fluid container offers extended use before the need for refill.

Floor mat. The floor mat is level with the frame. This, along with the hanging pedals, makes the cab floor easy to clean.

Cab lights

12V socket

LIGHTS

Headlights. 2 at front with main / dipped beam and side light

Working lights. 1 at left rear

Rear lights, brake lights, indicators

ENGINE HATCH

Opens wide for optimal maintenance access.

QUICK-HITCH FACILITY

Hydraulic. 3rd control circuit including hose lines and quick-connects.

ENGINE AIR SUPPLY

With air filter safety cartridge.

KEY SYSTEM

One-key system for doors, ignition, engine hatch and fuel tank.

TYRES

380 12.5–18

480 12.5–20

580 12.5–20

680 14.5–20

780 405/70–24

OPTIONS

380 • 480 • 580 • 680 • 780

CAB

Air-sprung driver's seat, FOPS protective screen, protective grille for front windscreen, programmable auxiliary heating (incl. engine preheating), heated seat, heated outside mirrors, air conditioning, tinted glass, radio unit, radio installation setup, rotating beacon, 1 additional rear working light, 2 front working lights

PERFORMANCE OPTIONS

4th control circuit for front tool attachments

Additional circuit for rear tool attachments

Unpressurised front reflux

Floating position

Shock absorber with automatic function (load stabiliser)

Tipper hydraulics

Powerflow work hydraulics with increased pump performance

Electric socket for front and rear tool attachments

Manual throttle

Low-speed control

Fuel and hydraulic fluid pre-heating

Engine preheating through auxiliary heating

Work platform attachments

Crab steering and front-wheel steering

Automatic bucket return

Ball coupling for trailer

Automatic trailer coupling

680 Air brake unit

TYRES

Wide-base tyres, traction tyres, tyres for industrial applications

Puncture protection kit

Foam-filled tires (up to 20 kph)

Snow chains

SAFETY & SECURITY

Warning stripes

Engine immobiliser

Toolkit

Hose burst valves for lift and tilt rams

Protection against aggressive environments

Reversing warning system

Battery master switch

ECOSPEED

Stepless high-speed drive 0-40 kph

780 0–35 kph

PAINT OTHER THAN STANDARD

BIODEGRADABLE OIL

PANOLIN HLP Synth46

WARRANTY EXTENSION

TOOL ATTACHMENTS

380 • 480 • 580 • 680 • 780

Pallet forks, standard bucket, grab bucket, lightweight materials bucket, super-lightweight materials bucket, high-tilt bucket, side-swing bucket, bulk materials bucket, tree replanter, front ripper, material pusher, work platform, snow shovel, snow

blower, cold planer, street cleaner, snow blade, hydraulic rear gritter, trailer, 3-point adapter with PTO.

Other tool attachments on request.

You won't find the original just anywhere:
AUTHORIZED KRAMER PARTNERS ARE ALWAYS THE RIGHT ADDRESS.

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