

KT457

Telehandler

The versatile and powerful telehandler

The Kramer KT457, specially designed for agriculture, is a versatile and powerful telescopic handler for the most demanding applications. The payload of 4.5 t and the stacking height of 7 m ensure top performance of the vehicle. Designed for high handling performance, the machine absorbs transverse forces through the lateral support of the telescopic arm during pushing operations with the loading system lowered. The powerful traction drive enables trailer loads of up to 20 t and a top speed of up to 40 km/h.

Drive system: Standard rpm reduction with ecospeed and ecospeedPRO to preserve the operator and the machine

Safety: No loads in the overload area as a result of the driver assistance system Smart Handling and the three different operating modes

Optimised operation: No relative movement and ergonomic work as a result of the joystick which is fixed to the operator's panel

View upwards: Externally positioned FOPS grate with suitable longitudinal struts, which incline outwards corresponding to the operator's field of vision

All-round visibility: Perfect overview of all sides thanks to the spacious cabin and flatly-designed engine bonnet

Technical Data

Standard engine data

Engine manufacturer	Deutz
Drive output	100 kW
Drive output	136 PS
at max. rpm	2,300 U/min
Cylinder capacity	3,621 cm³
Exhaust standard level	V
Exhaust aftertreatment	DOC / DPF / SCR

Weights

Payload (max.)	4,500 kg
Payload at max. reach	1,500 kg
Payload at max. stacking height	3,300 kg
Stacking height (max.)	7,017 mm
Payload max. (LSP 500 mm)	4,500 kg
Operating weight	8,100 - 9,100 kg
Thrust force (max.)	62.4 kN
Lift capacity (max.)	50.8 kN

Filling levels

Tank capacity for hydraulic oil	100 l
Tank capacity for urea solution	12 l

Drive system

Travel speed Standard	0-40 km/h
Travel speed Option 1	0-20 km/h
Travel speed Option 2	0-30 km/h
Differential lock	100% self-locking differential connectable in the front axle

Hydraulic system

Work hydraulics discharge volume (max.)	140 l/min

Steering

Steering angle max.	38 degree

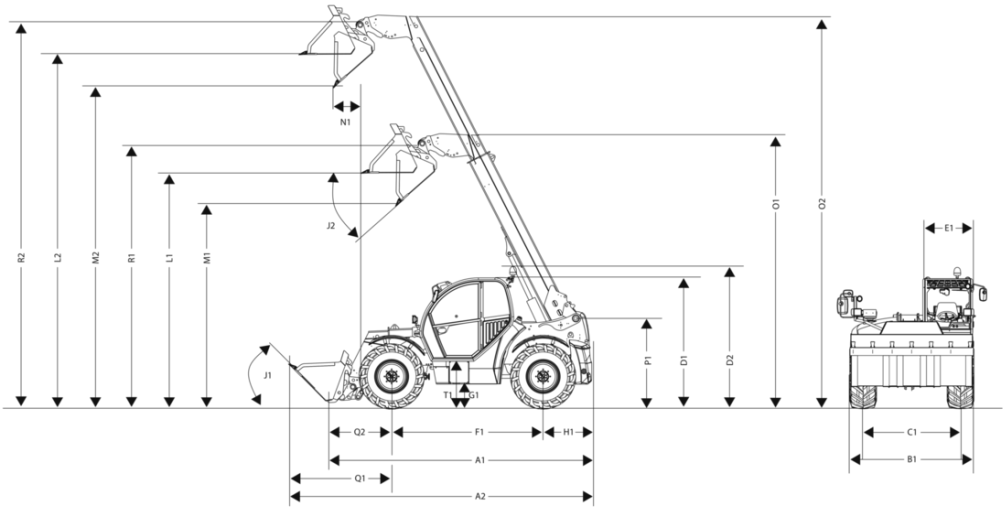
Noise characteristic values

Guaranteed sound power level LwA (cabin)	101 dB(A)
Measured sound power level LwA	97.6 dB(A)
Sound pressure level at the operator's ear	72 dB(A)

The illustrations, equipment and data shown may deviate from the current delivery program of your country. Optional equipment subject to additional charge may be shown. Subject to changes.

Copyright © 2026 Kramer-Werke GmbH | www.kramer.de

Dimensions



A1	Total length	4,985 mm
A2	Total length with bucket	6,160 mm
B1	Total width without bucket	2,500 mm
C1	rear	2,065 mm
E1	Cab width	990 mm
F1	Wheel base center	2,950 mm
G1	Ground clearance under axle and transmission, wading depth	418 mm
H1	Distance center rear wheel to rear	950 mm
I1	Rear approach angle (slope angle)	35 °
J1	Dumping angle	45 °
J2	Dumping angle	41 °
L1	Load-over height retracted	4,518 mm
L2	Load-over height extended	6,835 mm
M1	Dumping height retracted	3,865 mm
M2	Dumping height extended	6,183 mm
N1	Dumping width extended	495 mm
O1	Tele extension length retracted	5,287 mm
O2	Tele extension length extended	7,604 mm
P1	Total height telescopic arm mounting in frame	1,761 mm
Q1	Distance center front wheel to bucket leading edge	2,260 mm
Q2	Distance center front wheel bearing quick change frame	935 mm
R1	Bucket pivot point retracted	5,092 mm
R2	Bucket pivot point extended	7,409 mm
S1	Turning radius outer edge wheels	4,240 mm
S2	Turning radius outer edge bucket	5,265 mm
T1	Entry height cab floor	975 mm
D1	Total height	2,570 mm
D2	Total height with rotating beacon	2,740 mm
K1	Max. stacking height	7,017 mm

The illustrations, equipment and data shown may deviate from the current delivery program of your country. Optional equipment subject to additional charge may be shown. Subject to changes.

Copyright © 2026 Kramer-Werke GmbH | www.kramer.de

Standard components

Cab

- ROPS/FOPS tested, sound proofed, vibration-damped, comfortable cabin with 360 degree all-round visibility
- Windshield wipers in front and rear, with intermittent wipers in front, indicator reset
- Indicator for interior cab lighting, door divided, upper door section adjustable to two positions by 180°
- Rear window can be opened
- Telescoping and adjustable tilting steering column
- Hanging pedals and removable floor mats
- Mechanically-sprung comfort operator's seat Grammer MSG85/721
- Electronically pilot-operated multifunction joystick with integrated travel direction selector and telescopic function
- 7" LCD color display to display all vehicle functions & jog dial
- Color-coded switches for hydraulic, electric, driving, and safety features
- Heater with a 3-speed fan, 6 air outlet nozzles, 2 defrosting nozzles
- 12 V outlet, bottle holder, sun shade
- Work light 1x LED on front (1000 lm), work light 1x LED on rear (1000 lm)
- Lighting according to road traffic regulations
- Manual battery isolator switch

Steering and work hydraulics

- 4 steering modes in series
- 3. control circuit and telescoping function with proportional control
- Continuous function 3rd control circuit switchable via toggle switch
- Oil volume for 3rd Control circuit and all optional control circuits adjustable
- Second-generation "Smart Handling" overload and driver assistance system (bucket, stacking, and manual modes)
- Test connections for working hydraulics and drive system

Engine

- Coarse meshed combination radiator for engine water, hydraulic oil and charge air
- Wide-opening engine hood, sight glass for hydraulic oil and cooling water
- Maintenance hatch for easy cleaning of the engine compartment

Drive system and axles

- Latest generation, infinitely variable, hydrostatic Ecospeed transmission with load-dependent, electronic engine and transmission control

Vehicle design and kinematics

- Torsion-resistant steel frame in modular profile design and lateral support for the telescopic arm
- Two lockable compartments integrated into the ballast weights, each with 22 liters' volume
- Telescopic arm guided by 13 sliding elements adjustable from outside
- End position damping in telescopic, lifting and tipping cylinders

Documentation

- Operator's manual, service manual

The illustrations, equipment and data shown may deviate from the current delivery program of your country. Optional equipment subject to additional charge may be shown. Subject to changes.

Copyright © 2026 Kramer-Werke GmbH | www.kramer.de

Options

Operator's cab - Cabine

- Air-sprung operator’s seat (MSG95AL/722)
- Air-sprung operator’s seat (MSG95AL/722), heated
- Operator’s seat (MSG85/722), heated
- Left armrest
- Air-conditioning system
- Ventilated storage compartment (cooled with air-conditioning system)
- Interior mirror incl. bracket for cell phone and USB outlet 2-way
- Compact exterior mirror on left
  - not with:
    - External mirror electrically adjustable incl. mirror heating with automatic shut-off
- External mirror electrically adjustable incl. mirror heating with automatic shut-off
- Radio-ready (antenna, speaker)
- Radio system (radio, antenna, speakers)
- Front-view camera on right (incl. auxiliary monitor)
- Rear-view camera (integrated in main screen)
- Cab window right and rear, heated
- Wiper and washing system right side window
- Mirror for trailer coupling

Lighting

- LED rotating beacon (yellow)
- LED work lights (1000 Lumen), 1 additional unit at the front, 1 additional unit at the rear
- LED lighting package (1000 Lumen) – (7 additional work lights – 1x front, 1x rear, 1x left, 2x right, 2x outer arm)
- LED lighting package (2000 Lumen) – (8 LED work lights) – omission of standard work lights
- Rear additional lighting Basic (1000 Lumen)
- License plate illumination, incl. front license plate bracket – (standard)

Equipment for road traffic

- Data confirmation (ABE) for self-propelled work machine - (standard)
- EC tractor CoC (EC Certificate of Conformity tractor, (167/2013/EC - Class T1)
  - only in association with
    - Outlet for rear attachments, 7-pole
    - An attachment coupling (not railway coupling) must also be selected!
- EC tractor CoC (EC Certificate of Conformity tractor, 167/2013/EC - Class T1) + data confirmation - only for Germany!
  - only in association with
    - Outlet for rear attachments, 7-pole
    - An attachment coupling (not railway coupling) must also be selected!

Engine - Axles - Steering - Drive system

- DEUTZ TCD 3.6 S5 100 kW
- Ecospeed 40 km/h incl. Smart Driving
- Ecospeed 30 km/h incl. Smart Driving
- Ecospeed PRO 40 km/h incl. Smart Driving (100CC)
- Ecospeed 30 km/h reduced to 20 km/h incl. Smart Driving

Tires

- Alliance 460/70R24 A-580 – traction profile
- Alliance 500/70R24 A-580 – traction profile
- Firestone 500/70 R24 Duraforce Utility – multi-purpose profile
- Alliance 600/55-26.5 A-331 – FLOTATION
  - Required:
    - Red/white warning stripes (in accordance with DIN 30710)
    - EC Certificate of Conformity for tractors (167/ 2013/EC – Class T1)
    - Outlet for rear attachments, 7-pole
    - An attachment coupling (not maneuvering hitch) must also be selected

The illustrations, equipment and data shown may deviate from the current delivery program of your country. Optional equipment subject to additional charge may be shown. Subject to changes.

Copyright © 2026 Kramer-Werke GmbH | www.kramer.de

Quick change plates & Loading system

- Load stabilizer (vibration damper)
- Hydraulic quickhitch facility, Kramer system (telehandler "large")
- Mechanical quickhitch facility, System Manitou
- Hydraulic quickhitch facility, System Manitou
- Hydraulic quickhitch facility, System JCB (Q-fit)
- Hydraulic quickhitch facility, System Volvo TPV
- Hydraulic quickhitch facility, System Matbro

Hydraulics

- Auto Hitch attachment coupling (incl. hydr. control) and tipper connection
- Load Sensing work hydraulics, 187 l/min
- Pressure release of 3rd control circuit
- Diverter valve in front on 3rd control circuit
- Tipper connection
- Automatic bucket return (ABR), including vibration function of the tipping cylinder
- Hydraulic auxiliary control circuit, front, single-acting, external – incl. unpressurized return and leak oil line.
  - only in combination with:
    - Tipper connection
    - Front-view camera on right (incl. auxiliary monitor)
- Control circuit, rear attachment, double-acting
  - only in combination with:
    - Tipper connection
- Unpressurized return line, on the outer arm, incl. leak oil line
- Filling of the hydraulic system with environmentally friendly and biodegradable hydraulic oil
- 2-way multi-coupler
  - only in combination with:
    - Pressure release of 3rd control circuit
    - Hydraulic quick coupler system, Kramer System (“large” telehandler)
- 4-way multi-coupler
  - only in combination with:
    - Pressure release of 3rd control circuit
    - Diverter valve in front on 3rd control circuit
    - Hydraulic quick coupler system, Kramer System (“large” telehandler)

Electrical system

- Plug receptacle for front attachments, 4-pole
- Outlet for rear attachments, 7-pole

Safety options

- Mechanical oscillating axle lock
- Immobilizer system, integrated in the ignition switch key
- Underbody protection
  - only in association with
    - Cover for the drive train
- Cover for the drive train
- Fire extinguisher (2 kg)
- Dirt wipers, telescopic arm
- Red/white warning stripes (in accordance with DIN 30710)
- Oil level monitoring (hydraulic oil)
- Tipping cylinder lock
- Tire blow-out protection
- Dry lubrication (smooth paint) of telescopic arm
- Protective grating for windshield, removable (not approved for machine travel on public roads)
- CESAR DataTag-ID - only for countries that use this system within their legal instances, such as Great Britain

The illustrations, equipment and data shown may deviate from the current delivery program of your country. Optional equipment subject to additional charge may be shown. Subject to changes.

Copyright © 2026 Kramer-Werke GmbH | www.kramer.de

Paint

- Custom-made paint finish, one color according to RAL (gray parts are not included) *
- Protective measures for use in aggressive materials (salt and fertilizer use)
  - only in association with
    - Dry lubrication (smooth paint) of telescopic arm
    - Dirt wipers, telescopic arm
    - Cover for the drive train
- Overseas transport protection

* We reserve the right to reject paints that are similar to protected colors or color combinations by other manufacturers.

Other

- Low-speed control and manual throttle
- 100% differential lock – (standard)
- Maneuvering hitch
- Automatic attachment coupling 38 mm – fixed to frame
- Mechanical attachment coupling 32 mm – fixed to frame
- Bearing block for attachment couplings height-adjustable (insert required for attachment coupling height-adjustable)
- Automatic 38 mm attachment coupling insert for trailer mount height-adjustable
- Ball hitch insert (K80) for trailer mount height-adjustable
- Ball hitch insert (K80) for trailer mount height-adjustable, extended
- Mechanical attachment coupling insert for trailer mount height-adjustable – 32 mm
- CUNA D3 attachment coupling incl trailer mount height-adjustable
- Hydraulic trailer brake valve (dual-line system)
- Vacuum pre-filter
- Cyclone pre-filter
- Cyclone pre-filter Turbo III
- Reversible fans
- Air brake unit (dual-line system)
- Engine pre-heating, fuel, hydraulic oil (230V)
- Central lubrication system (corrosive agents)
  - only in combination with:
    - Protective measures against corrosive agents (salt and fertilizer)
    - Dry lubrication (smooth paint) Telescopic arm
    - Telescopic arm dirt wiper
- Pre-configured central lubrication system (lubrication line positioned in the arm)
- (Fully automatic) central lubrication unit
- EquipCare Dual ID

Extended warranties

- Security 24 months (2000 h)
- Security 36 months (3000 h)
- Security 48 months (3000 h)
- Security 48 months (4000 h)
- Security 48 months (5000 h)
- Security 60 months (4000 h)
- Security 60 months (5000 h)
- Power-Line (24 months or 2000 h)
- Power-Line (36 months or 3000 h)
- Power-Line (48 months or 3000 h)
- Power-Line (48 months or 4000 h)
- Power-Line (48 months or 5000 h)
- Power-Line (60 months or 4000 h)
- Power-Line (60 months or 5000 h)
- EquipCare 36 months (incl. App & Manager) - (series)

The illustrations, equipment and data shown may deviate from the current delivery program of your country. Optional equipment subject to additional charge may be shown. Subject to changes.

Copyright © 2026 Kramer-Werke GmbH | www.kramer.de