



KL25.5

Wheel loader

For even more productivity and efficiency

The all wheel steer KL25.5 stands for compactness and manoeuvrability. The tipping load of 2500 kg and the Kramer quick change plate with standard equipment facilitate an unbeatable flexibility for each application. The one-piece chassis and the proven all-rounders provide maximum stability and manoeuvrability on uneven terrain.

Environmentally friendly engine technology: 35 kW or optional 41 kW engine - each with DOC and DPF comply with exhaust gas stage V

Safety: Convenient and intuitive operation of all functions creates safety and ensures effortless work

Hydraulics: A wide range of attachments can be operated with the powerflow option (90 l/min)

Maintenance: All components for daily control, maintenance and service work are freely and easily accessible

Traction: The switchable 100% differential lock in the front axle enables optimum traction

Technical Data

■ Standard engine data

Engine manufacturer	Yanmar
Drive output	34.3 kW
Drive output	46 PS
Cylinder capacity	2,190 cm ³
Exhaust standard level	V
Exhaust aftertreatment	DOC / DPF

■ Weights

Bucket capacity (standard bucket)	0.65 m ³
Operating weight	3,200 - 4,300 kg
Payload (S=1.25)	1,750 kg
Lift capacity (max.)	32.5 kN
Tipping load (standard bucket)	2,340 kg
Tipping load (pallet fork)	2,187 kg

■ Filling levels

Tank capacity for fuel	60 l
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Tank capacity for hydraulic oil 58 l

■ Drive system

Travel speed Standard	0-20 km/h
Travel speed Option 1	0-30 km/h

■ Hydraulic system

Work hydraulics discharge volume (max.)	56 l/min
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■ Kinematics

Kinematics type	P
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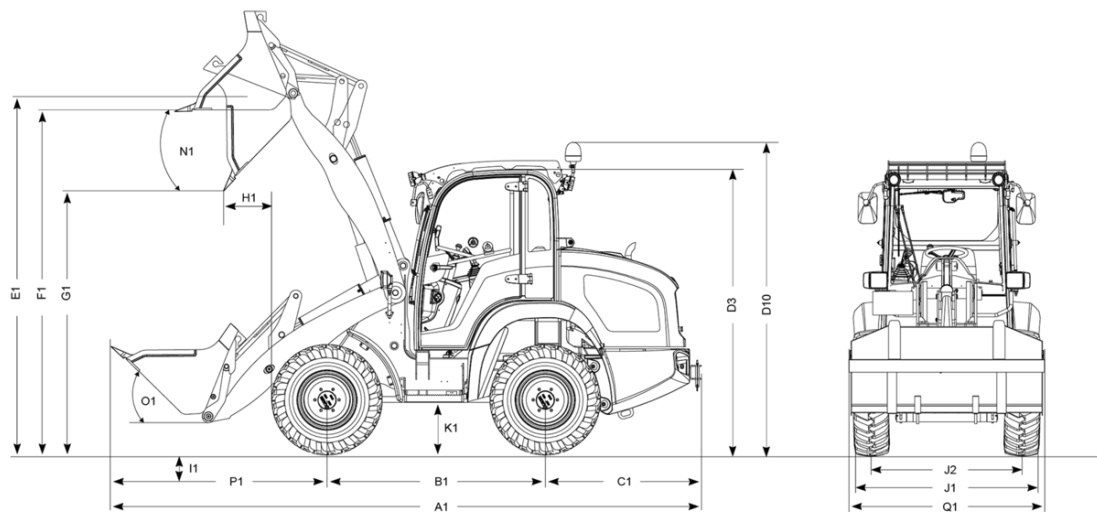
■ Steering

Steering angle max.	35 degree
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■ Noise characteristic values

Guaranteed sound power level L _{WA} (cabin)	101 dB(A)
Measured sound power level L _{WA}	100.3 dB(A)
Sound pressure level at the operator's ear	79 dB(A)

Dimensions



A2	extended loading system	5,140 mm
A1	Total length with standard attachment	4,950 mm
B1	Wheel base center	1,850 mm
C1	Rear overhang	1,320 mm
D3	Height with cab	2,390 mm
D5	Height of cab with protective grille	2,470 mm
D10	Total height with rotating beacon	2,390 mm
E1	Max. height blade pivot point	3,050 mm
E2	Max. height of hinge pin height extended loading system	3,300 mm
F1	Load-over height	2,750 mm
F2	extended loading system	3,150 mm
G1	Dumping height	2,310 mm
G2	extended loading system	2,650 mm
H1	Dumping width	315 mm
H2	extended loading system	410 mm
I1	Digging depth	55 mm
J1	Total width	1,590 mm
J2	Track width	1,262 mm
K1	Ground clearance	280 mm
L1	Turning radius outer edge wheels	2,700 mm
M1	Steering angle	38 °
M2	Swing angle	16 °
N1	Dumping angle at max. lifting height	45 °
O1	Dumping angle at ground level	45 °
P1	Distance center front axle to tooth tip	1,780 mm
Q1	Bucket width	1,650 mm
R1	Stacking height	2,950 mm

Standard components

Operator's cab

- Cab
- Soundproofed, vibration-damped cab with thermal glazing
- Fully glazed door on the left, vent window on the right, each adjustable and lockable in two positions (180° and 10°)
- 3-speed powerful heating and ventilation, sun visor, windscreen wipers at front and rear, rear view mirror
- Cab lighting, 12 V-outlet
- Mechanical pilot-operated joystick, 3rd control circuit with continuous function, with roll switch for travel direction selection
- Color-coded toggle switch for hydraulic, electric, driving and safety features
- Mechanically-sprung operator's seat with faux leather cover (MSG20) with automatic seat belt; weight, back and horizontal adjustment
- Work light 1x LED Basic on rear (1000 Lumen)
- StVZO-lighting

Engine

- Battery disconnect switch

Power transmission

- Brake inching pedal
- Mechanical parking brake
- Pendulum pin lubrication line
- Planetary steering axles

Steering and work hydraulics

- Hydrostatic all-wheel steering with emergency steering properties
- Combined suction-return filter
- Mechanical pilot-operated joystick for lifting/lowering and filling/emptying the loader unit function with a rocker switch for selecting the travel direction as well as an integrated 3rd control circuit (proportional control) and functional lighting integrated into the joystick
- Independent final position synchronization

Kinematics

- Parallel kinematics
- Hydraulic quick-hitch plate

Documentation

- Operator's manual, service manual

Options

Operator's cab & Cabine

- Rotating LED beacon (yellow)
- Cab with heater and rear heated window
- Work light, 1 additional unit in rear
- Work light, 2 units in front
- LED work light, 2 units in front, 2 units in the rear

The following options require a cabin version

- Operator's seat with fabric cover and high backrest (MSG20)
- Air-sprung operator's seat with lumbar support (MSG75GL/521)
- Air-conditioning system
- Radio-ready (antenna, speaker)
- Radio system (radio, antenna, speaker)
- Auxiliary heating, including engine pre-heater, programmable
- Seat contact switch (standard for Canopy)

Drive system & steering

- Front wheel steering
- High gear 30 km/h
 - only in association with
 - Front wheel steering
 - License plate illumination, including license plate bracket in front
 - Load stabilizer (vibration damper)
- Low-speed device and hand throttle

*Maximum speed with 10.5-18 , 12.0-18 , 325/70 R18 is 27 km/h

*With 41.1 kW engine is 30 km/h possible

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.

Equipment for road traffic

- License plate illumination, including license plate bracket in front
- Data confirmation (ABE) for self-propelled working machine (standard) *

* Germany, Luxembourg, Netherlands, Austria, Slovakia, Czech Republic, Switzerland, Estonia, Latvia, Lithuania, Hungary

Ball hitches

In conjunction with a trailer coupling the front wheel steering and rear outlet must always be selected

- Ball hitch trailer coupling
- Self-actuating trailer coupling, rotatable

Engine

- Engine with increased power (Yanmar 41.1 kW / 55.8 hp) - EU Stage V emission level
- Fuel filter with transparent sight glass

Loading system & Quick coupler system

- Load stabilizer (vibration damper)
- Hydraulic quickhitch facility, EURO system (technical data and available attachments differ)
- Loading system with increased lifting height (payload and bucket volume may be reduced)

Hydraulics

- Floating position
- Unpressurised return line, front, including overflow oil line
- Pressure release of 3rd control circuit
- Filling the hydraulic system with environmentally friendly and biodegradable hydraulic oil
- Fuel pre-heating (12 V) - with hydraulic oil pre-heating (230 V)

Electrical system

- Outlet for rear attachments, 7-pole
- Outlet for front add-on equipment, 7-pole (2 switch positions)

Safety options

- Reversing alarm (acoustic)
- Red/white warning stripes (in accordance with DIN 30710)
- Immobilizer system, integrated in the ignition switch key
- Fire extinguisher (2 kg)
- FOPS protective grating (class 2)
- Telescopic arm smooth paint
- Pipe-break protection for lift and tilting cylinders
- Protective measures for use in aggressive materials (salt and fertilizer use)

Other

- Single-colour custom-made paint finish as per RAL (grey parts are not included)*

*We reserve the right to decline paint finishes that present similarities to protected colours or colour combinations of other manufacturers

Tires

- Michelin 340/80R18 BIBLOAD - Multi-purpose tread
- Alliance 340/80 R18 Multi-use 550 - Municipal tread
- Alliance 365/70 R18 608 ET 25
- Alliance 340/80 R18 580 ET 38
- Trelleborg 340/80R18 TH500 ET+25

Extended warranties

- Security 24 (2000 h)
- Security 36 (3000 H)
- Security 48 (4000 H)
- Security 48 (5000 H)
- Security 60 (4000 H)
- Security 60 (5000 H)