



5045

Wheel loaders

MASSES OF POWER, EASILY TRANSPORTED

The 5045 wheel loader is characterised by its combination of a low net weight and a high payload. With an operating weight of approx. 2,600 kg, the 5045 can be transported on a 3.5 t trailer (toll-free). This not only saves time, but also increases the machine's utilisation. The processing of traditional paving slab pallets or stone packages, as well as the loading and unloading of lorries become effortless tasks with the 5045. The high performance with the compact dimensions expands the spectrum of use for applications in confined areas, like underground car parks or multi-storey car parks. Depending on the requirements, there are two engine options available: the 19 kW engine as standard, and the 33 kW engine, which will travel at speeds up to 30 km/h. Kramer is revolutionising the 2.8 t class with the 5045.

Machine transport: Wheel loader including standard bucket and stacking facility can be transported on a 3.5 t trailer (toll free) without any problems

High payload: Safe loading, unloading and moving of standard paving stone pallets or stone packages

Cabin versions: Two full-featured wheel loader cabins, comfort cabin (2.26 m height) and low cabin (2.11 m height) provide excellent 360° visibility, as well as ergonomically designed operating elements for easy and intuitive operation

Get in and drive: Thanks to its one-piece vehicle frame, high level of stability, manoeuvrability and constant payload, as well as the three types of steering (all-wheel, crab and front-wheel steering), the machine is easy to operate, even for inexperienced users

Smart Attach: Quick and safe switching of hydraulic attachments with the fully hydraulic quickhitch system Smart Attach, without the need to leave the cabin

Technical Data

Standard engine data

Engine manufacturer	Yanmar
Drive output	18.5 kW
Drive output	25.2 PS
Maximum torque	2,500 U/min
Cylinder capacity	1,331 cm ³
Exhaust standard level	V

Weights

Bucket capacity (standard bucket)	0.45 m ³
Operating weight	2,675 - 2,750 kg
Payload (S=1.25)	1,310 kg
Tipping load (standard bucket)	2,270 kg
Tipping load (pallet fork)	1,640 kg
Tipping load (pallet fork)*	1,865 kg

Filling levels

Tank capacity for fuel	56 l
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Tank capacity for hydraulic oil 19 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.) 39 l/min

Kinematics

Kinematics type P

Quick change system hydraulic

Steering

Steering angle max. 38 degree

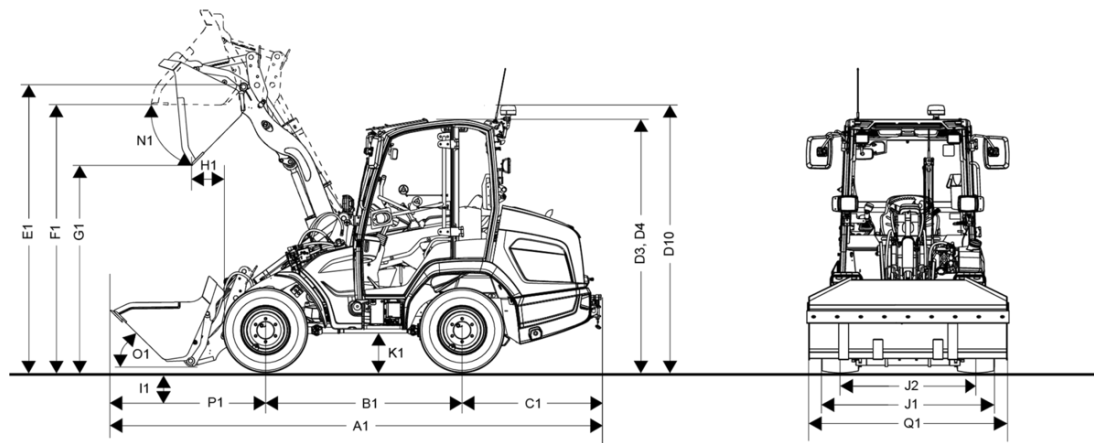
Noise characteristic values

Guaranteed sound power level L_{WA} (cabin) 101 dB(A)

Measured sound power level L_{WA} 96.9 dB(A)

Sound pressure level at the operator's ear 86 dB(A)

Dimensions



A1	Total length with standard attachment	4,550 mm
B1	Wheel base center	1,760 mm
C1	Rear overhang	1,215 mm
D3	Height with cab	2,260 mm
D4	Height with cab lowered	2,110 mm
D10	Total height of cabin with rotating beacon	2,390 mm
E1	Max. height blade pivot point	2,520 mm
F1	Load-over height	2,350 mm
G1	Dumping height	1,830 mm
I1	Digging depth	50 mm
J1	Total width	1,320 mm
L1	Turning radius outer edge wheels	2,330 mm
M1	Steering angle	38 °
N1	Dumping angle at max. lifting height	45 °
O1	Dumping angle at ground level	45 °
Q1	Bucket width	1,350 mm
R1	Stacking height	2,420 mm

Standard components

Operator's cab

- Standard cabin with heating
- Rear-view mirror in the cabin
- Automatic turn-signal resetting
- Color-coded keypads for hydraulic, electric, driving and safety functions
- Mechanically-sprung operator's seat with faux leather cover (MSG85/721) with automatic seat belt; weight, back and horizontal adjustment
- Inspected according to ROPS and FOPS I
- Work lights 2x LED Basic on front, 2x LED Basic on rear (1000 Lumen)
- Lighting according to road traffic regulations

Power transmission

- Lubrication line for rear axle pendulum pins
- Combined brake/inch pedal
- Mechanical parking brake
- Front axle 100 % differential lock

Steering and work hydraulics

- Final position synchronization
- Hydrostatic all-wheel steering with emergency steering properties
- Joystick, electrical 3rd control circuit with continuous function, with roll switch for travel direction selection

Kinematics

- P-kinematics with optimized parallel motion
- Hydraulic quick-hitch plate
- Visual position display for bucket and fork

Documentation

- Operator's manual, service manual

Options

Operator's cab & Cabine

- Cabin with heater
 - Possible seat options:
 - MSG85/721-fabric
 - MSG85/721-faux leather
 - MSG75GL/521+Air+Heater
- Low cabin with heater
 - Possible seat options:
 - MSG20 fabric-mech. sprung
 - MSG20 faux leather-mech. sprung
 - MSG75GL/521+Air+Heater
- Fold-down canopy
 - Possible seat options:
 - MSG85/721-faux leather
- Seat cover - faux leather
- Air-conditioning system
- External mirror right + left heated
- Front + rear heated windscreens
- Swivel-mounted steering column
- Radio installation
- Radio with DAB+ receiver
- Document box

Lighting

- Rotating LED beacon (orange)
- 2x LED Basic front work light (standard)
- 2x LED Basic rear work light (standard)
- LED Performance work light package (4400 lumen)
 - includes:
 - 2x LED Performance front work light (4400 lumen)
 - 2x LED Performance rear work light (4400 lumen)

Approval, road traffic

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

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

Drive system & Axles

- Yanmar 3TNV82 A 18.5KW S5-T4F (standard)
 - not in conjunction with:
 - Travel speed 30 km/h
 - High Flow power hydraulics 69l/min; front only
 - Auto-stop
 - Air-conditioning system
 - Low-speed control CSD and hand throttle
- Yanmar 3TNV86 33.3KW S5-T4F
- Auto-stop
 - not in conjunction with:
 - Yanmar 3TNV82 A 18.5KW S5-T4F
- Steering mode change; all-wheel, crab and front-axle steering
- Front axle 100 % differential lock (standard)
- Low-speed control CSD and hand throttle
 - includes:
 - Power, Eco, Pedal/CSD modes
 - not in conjunction with:
 - Yanmar 3TNV82 A 18.5KW S5-T4F
- Travel speed 20 km/h (standard)
- Travel speed 30 km/h
 - only in association with:
 - Yanmar 3TNV86 33.3KW S5-T4F
 - Steering mode change; all-wheel, crab and front-axle steering
 - Registration plate lighting, including registration plate bracket
 - Automatic load stabiliser

Tires

- 31x15.5-15 BKT SPHD ET-10
- 10.0/75 15.3 BKT AS 504 ET55 (standard)
- 10.0-16.5 BKT SkidPower ET50
- BKT 31x15.50-15 BKT TR-313 ET-10
- 315/55R16 Conti MPT81 ET40

Loading system & Quick coupler system

- Automatic load stabilizer
- Floating position
- Fully-hydraulic quickhitch system; Kramer System HV/WL - C (standard)
- Smart Attach (fully-hydraulic quickhitch system); System Kramer HV/WL - C
 - only in association with
 - Pressure release of 3rd control circuit
- Quickhitch system ISO23206 (EURO) HV
 - not in conjunction with:
 - Load hooks
- Load hooks
 - not in conjunction with:
 - Quickhitch system ISO23206 (EURO) HV
- Standard loading system (P-kinematics) - (standard)

Hydraulics

- Filling the hydraulic system with environmentally friendly and biodegradable hydraulic oil
- Pressure release of 3rd control circuit
- Pre-heating package
 - includes:
 - Coolant pre-heating 230V
 - Fuel pre-heating
 - Hydraulic fluid pre-heating

Hydraulics - front area

- High Flow performance hydraulics 69l/min; front only
 - not in conjunction with:
 - Front pressureless return line, return + leak oil
 - Yanmar 3TNV82 A 18.5KW S5-T4F
- Front pressureless return line, return + leak oil
 - not in conjunction with:
 - High Flow performance hydraulics 69l/min; front only

Hydraulics - rear area

- Rear reversing valve on the 3rd control circuit

Electrical system

- Rear outlet, 13 pole
- Front outlet, 7 pole
- Battery isolator switch plus externally separating

Safety options

- Reverse alarm (Schnarcher)
- Hose burst valves for lift and tipping cylinders
- Drive interlock integrated in ignition switch key
 - not in conjunction with:
 - EquipCare + Dual ID
- Seatbelt alarm
 - not in conjunction with:
 - MSG75GL/521+Air+Heater
- Safety Belt Orange
 - not in conjunction with:
 - MSG75GL/521+Air+Heater
- Fire extinguisher (2 kg)
- Red / white warning stripes (DIN30710)

Paint

- Single-color RAL customized paint finish (gray parts not included)*
- Aggressive medium vehicle operation (salt and fertilizer use)

* We reserve the right to decline paint finishes that exhibit similarities to protected colors or color combinations of other manufacturers!

Other

- Central lubrication system
- Wheel chock
- EquipCare 36 mth
- EquipCare + Dual ID
 - not in conjunction with:
 - Drive interlock integrated in ignition switch key

Ball hitches

- Shunting coupling*
- Automatic ball hitch 38 mm - frame fixed*

* A tail socket must always be selected in conjunction with a ball hitch (not a shunting coupling)!

* Shunting / ball hitch / automatic trailer coupling can only be attached to a vehicle independent of one another!

Extended warranties

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