5035

Wheel Loader

Practical. Safe. Intelligent.

The 5035, from Kramer's compact class, is agile in its movement, dynamic in its power delivery and slim in its design. With its optimized power-to-weight ratio, low transport weight and consistently high payload, it is the ideal helper on construction sites in road building, civil engineering, horticulture and landscaping. With its dimensions, it is also predestined for low clearance heights and narrow passages. Due to a width of only 1.26 m, driving on a sidewalk is effortless. In addition, due to the low transport weight, the machine can also be transported on a car trailer and thus a quick transfer to different places of use is no problem.

Front axle and crab steering: The crabwalk not only enables the optimal reaching of the obstacles but also keeps the constant distance in parallel.

Comfortable cabin design: A wide entrance with additional step ensures comfortable and, above all, safe entry and exit.

Loading system with Z-kinematics: The Z-kinematics enable large lifting forces as well as tearing forces and exact parallel guidance over the entire height. The visual position indicator for attachments is ideal for inexperienced operators.

Openable cabin door: The generously designed window on the right side can be opened by 180 ° as usual. In addition to this, the cabin door can also be set up just so.

Ergonomics: The side console, redesigned from the ground up, contains numerous storage compartments in addition to many functional and ergonomic features. All important switches are located in the grip area of the right hand.

Technical Data

Standard engine data

Engine manufacturer	Yanmar
Drive output	18.5 kW
Drive output	25.2 PS
at max. rpm	2,500 U/min
Cylinder capacity	1,331 cm³
Exhaust standard level	V

Weights

Bucket capacity (standard bucket)	0.35 m³
Payload (max.)	570 kg
Operating weight	1,700 - 2,200 kg
Payload (S=1.25)	750 kg
Thrusting force (max.)	1,160 daN
Lift capacity (max.)	11.5 kN
Tipping load (standard bucket)	1,200 kg
Tipping load (pallet fork)	930 kg
Tipping load (pallet fork)*	1,189 kg

Filling levels

Tank capacity for fuel	48 l
Tank capacity for hydraulic oil	39 l

Drive system

Travel speed Standard	0-20 km/h

Hydraulic system

Work hydraulics discharge volume (max.)	20 l/min

Kinematics

Kinematics type	Z

Steering

Steering angle max.	38 degree

Noise characteristic values

Guaranteed sound power level LwA (cabin)	101 dB(A)
Measured sound power level LwA	97.4 dB(A)
Sound pressure level at the operator's ear	80 dB(A)

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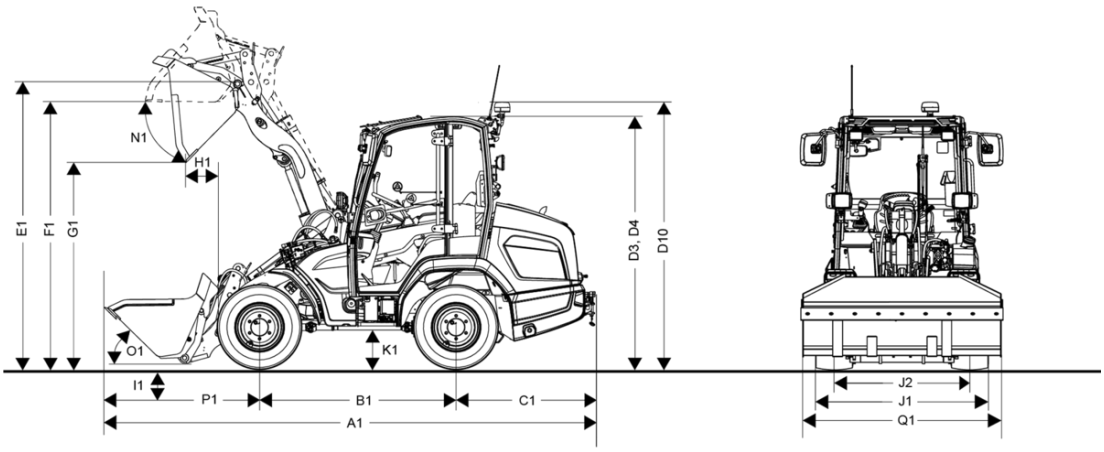
Dimensions



A1	Total length with standard attachment	4,050 mm
B1	Wheel base center	1,525 mm
C1	Rear overhang	1,140 mm
D2	Height with canopy down	2,020 mm
D3	Height with cab	2,170 mm
D4	Height with cab lowered	2,020 mm
D10	Total height of cabin with rotating beacon	2,490 mm
E1	Max. height blade pivot point	2,800 mm
F1	Load-over height	2,680 mm
G1	Dumping height	2,290 mm
I1	Digging depth	60 mm
J1	Total width	1,240 mm
J2	Track width	970 mm
L1	Turning radius outer edge wheels	2,000 mm
M1	Steering angle	38 °
M2	Swing angle	14 °
N1	Dumping angle at max. lifting height	40 °
O1	Dumping angle at ground level	43 °
P1	Distance center front axle to tooth tip	1,390 mm
Q1	Bucket width	1,250 mm
R1	Stacking height	2,630 mm

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Standard components

Operator's cab

- Open cabin (LOW CABIN) with heated rear windshield (not available for cabin)
- Joystick, electrical 3rd control circuit with continuous function, with roll switch for travel direction selection
- Mechanically-sprung operator's seat with faux leather cover (MSG85/721) with automatic seat belt; weight, back and horizontal adjustment
- Color-coded keypads for hydraulic, electric, driving and safety functions
- Document box (not available for cabin)
- Inspected according to ROPS and FOPS I
- Work lights 2x LED Basic on front, 2x LED Basic on rear (1000 Lumen)
- Lighting according- road traffic regulations

Power transmission

- Axle carrier made of cast steel with wheel hub motors
- Pendulum pin lubrication line

Steering and work hydraulics

- Final position synchronization
- Hydrostatic all-wheel steering with emergency steering properties

Kinematics

- Z-Kinematics with optimized parallel guidance
- Hydraulic quick-hitch plate
- Visual position indicator for bucket and fork

Documentation

- Operator's manual, service manual

Options

Operator's cab & Cabine

- Low canopy (standard)
  - possible seat options:
    - MSG20 faux leather
- Low cabin with heating
  - possible seat options:
    - MSG20 fabric cover
    - MSG20 faux leather
    - Air-sprung operator's seat with lumbar support and heated seat (MSG75GL/521)
- Cabin with heater
  - possible seat options:
    - Operator's seat MSG85/721 (fabric cover)
    - Operator's seat MSG85/721 (faux leather)
    - Air-sprung operator's seat with lumbar support and heated seat (MSG75GL/521)
- Heated rear-view mirror
- Heated windscreen (as standard for low canopy)
- Incline-adjustable steering column
- Radio installation
- Radio system (radio, antenna, speaker)
- Document box (as standard for low canopy)

Lighting

- LED rotating beacon
- LED work lights package, includes:
  - 2 rear LED work lights
  - 2 front LED work lights

Approval, road traffic

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

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

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Drive system & Axles

- 3 Steering Modes
- Differential lock (flow divider)
- Skid plate
- Pre-heating package, includes:
  - Hydraulic oil pre-heating (230 V)
  - Coolant pre-heating (230V)
  - Fuel pre-heating (230 V)

Tires

- Mitas TS-05 10.0/75-15.3 - Traction tread
- Continental MPT81 315/55R16 - Municipal tread
- BKT SkidPower HD 27x10.5-15 - Universal tread

Loading system & Quick coupler system

- Load stabilizer (vibration damper)
- Floating position
- Hydraulic quick-hitch plate, Euro system (ISO23206 (EURO) HV)
- Load hook

Hydraulics

- Filling the hydraulic system with environmentally friendly and biodegradable hydraulic oil

Hydraulics in front

- Unpressurized return line, front, including overflow oil line
- Pressure release of 3rd control circuit

Electrical system

- Outlet for rear attachments, 13 pole
- Outlet for front add-on equipment, 7-pole (2 switch positions)
- 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
- Dual ID (Access Control)
- Fire extinguisher (2 kg)
- Red / white warning stripes (according to DIN 30710)
- Seatbelt alarm

Paint

- Special painting in one color according to RAL (gray parts are not included) *
- Protective measures for use in aggressive materials (salt and fertilizer use)

* We reserve the right to reject paint jobs which show similarities to protected colors or color combinations from other manufacturers.

Other

- Central lubrication point
- Lubrication line for pendulum pins, rear axle
- Wheel chock

Ball hitches

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

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

Extended warranties

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

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