# 8115

## Wheel loaders

### THE ROBUST HIGH-PERFORMANCE WHEEL LOADER

The Kramer wheel loader 8115 is among the premium range of the 8 series and is equipped with the proven principle of the one-piece vehicle chassis. The bucket volume of 1.15 m³ to 1.8 m³, depending on the material density, paired with the unique, powerful engine options, makes the 8115 one of the real high-performance wheel loaders. The optionally available ecospeed transmission and the large tires make diverse applications a possibility with this machine.

**Fuel saving:** By selecting the correct operating mode of the four available (Power, Eco, Road, CSD), it is possible to save up to 10% fuel

**7-inch LCD display:** The optional 7” display provides assistance systems and versatile application options, like joystick sensitivity and angle display

**Increased lift height:** The optionally long loading unit enables more in terms of loading and stacking heights

**Smart Attach:** The fully-hydraulic quickhitch plate, installed as standard, makes it possible to comfortably hitch up hydraulic attachments without needing to exit the machine

**24-inch tires:** Excellent smooth running, best traction, and optimal sustainability

## Technical Data

### Standard engine data

| | |
|---|---|
| Engine manufacturer | Deutz |
| Drive output | 55.4 kW |
| Drive output | 75 PS |
| Cylinder capacity | 2,924 cm³ |
| Exhaust standard level | V |
| Exhaust aftertreatment | DOC / DPF |

### Weights

| | |
|---|---|
| Bucket capacity (standard bucket) | 1.15 m³ |
| Payload (max.) | 2,070 kg |
| Operating weight | 5,950 - 6,600 kg |
| Payload (S=1.25) | 2,900 kg |
| Tipping load (standard bucket) | 4,250 kg |
| Tipping load (pallet fork) | 3,625 kg |

### Filling levels

| | |
|---|---|
| Tank capacity for fuel | 120 l |
| Tank capacity for hydraulic oil | 64 l |

### Drive system

| | |
|---|---|
| Travel speed Standard | 0-20 km/h |
| Travel speed Option 1 | 0-30 km/h |
| Travel speed Option 2 | 0-40 km/h |
| Differential lock | 100 % front axle + rear axle |

### Hydraulic system

| | |
|---|---|
| Work hydraulics discharge volume (max.) | 80 l/min |

### Kinematics

| | |
|---|---|
| Kinematics type | P |
| Quick change system | Kramer HV/WL-L; includes Smart Attach |

### Steering

| | |
|---|---|
| Steering angle max. | 40 degree |

### Noise characteristic values

| | |
|---|---|
| Guaranteed sound power level LwA (cabin) | 101 dB(A) |
| Measured sound power level LwA | 98.8 dB(A) |
| Sound pressure level at the operator's ear | 74 dB(A) |

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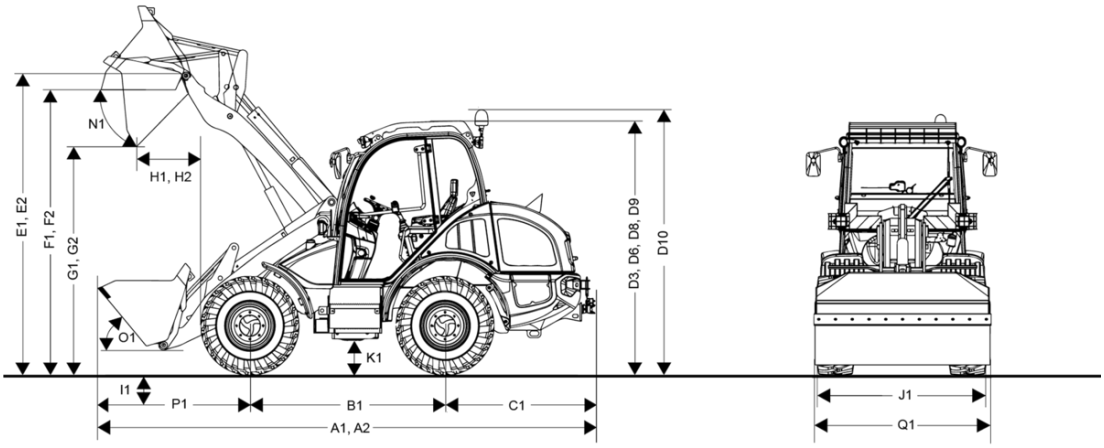
# Dimensions




| | | |
|---|---|---|
| A1 | Total length with standard attachment | 5,878 mm |
| A2 | extended loading system | 5,878 mm |
| B1 | Wheel base center | 2,150 mm |
| C1 | Rear overhang | 1,620 mm |
| D3 | Height with cab | 2,690 mm |
| D6 | Height with air-conditioning system | 2,775 mm |
| D8 | Height with panoramic cab | 2,730 mm |
| D9 | Height with panoramic cab and air-conditioning system | 2,775 mm |
| D10 | Total height of cabin with rotating beacon | 2,965 mm |
| E1 | Max. height blade pivot point | 3,450 mm |
| E2 | Max. height of hinge pin height extended loading system | 3,680 mm |
| F1 | Load-over height | 3,200 mm |
| F2 | Load-over height extended loading system | 3,470 mm |
| G1 | Dumping height | 2,650 mm |
| G2 | extended loading system | 2,990 mm |
| H1 | Dumping width | 660 mm |
| H2 | Dumping range extended loading system | 450 mm |
| I1 | Digging depth | 95 mm |
| J1 | Total width | 1,970 mm |
| K1 | Ground clearance | 390 mm |
| L1 | Turning radius outer edge wheels | 3,000 mm |
| M1 | Steering angle | 40 ° |
| M2 | Swing angle | 22 ° |
| N1 | Dumping angle at max. lifting height | 45 ° |
| O1 | Dumping angle at ground level | 50 ° |
| P1 | Distance center front axle to tooth tip | 2,120 mm |
| Q1 | Bucket width | 2,150 mm |
| R1 | Stacking height | 3,280 mm |
| R2 | Stacking height extended loading system | 3,510 mm |

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## Standard components

**Cab**

- Soundproofed, vibration-insulated, 4-point cab with large, thermal insulation glazing deep-drawn and rear window heating
- Entry and exit on both sides
- Comfort seat with mechanical suspension (MSG85/722), with automatic seat belt, weight, backrest and two-fold horizontal adjustment
- 3-stage powerful heating and ventilation, and defroster nozzles on the front windscreen
- Colour-coded rocker switch for hydraulic, electric, driving and safety features
- Telescoping and adjustable tilting steering column
- Joystick console (fold-down)
- Sun visor, interior mirror, 12 V plug receptacle, cab light, large, foldable outside rear-view mirror on both sides
- Windscreen wipers front and back, front with intermittent wipers
- Working lights 2x LED basic rear, working lights 2x LED basic front (1000 Lm)
- StVZO (German road traffic regulations) lighting
- Tested according to ROPS and FOPS I

**Engine**

- Battery isolator switch
- Hydraulic fan drive
- Engine automatic stop

**Power transmission**

- Combined brake-inch pedal
- Connectible 100% lock differential in front and rear axle
- Mechanical parking brake
- Lubrication line for pendulum pins

**Steering and work hydraulics**

- Hydrostatic all-wheel steering with emergency steering properties
- Electronic pilot-operated joystick for lifting / lowering and filling / emptying the loader unit with rocker switch for selecting the travel direction as well as integrated 3rd control circuit (proportional control) and functional lighting integrated into the joystick
- Pressure release of 3rd control circuit

**Kinematics**

- Smart Attach (fully-hydraulic quickhitch facility)
- Parallel kinematics
- Load hook on the tilt rod
- Visual position display for bucket and fork

**Documentation**

- Operator's manual, service manual

## Options

**Operator's cab & Cabine**

- Cab with sliding window in left-side door glass
- Panoramic cab
- Air-sprung operator's seat with lumbar support and heated seat (MG95AL/722)
- Auxiliary heating
- Exterior mirrors, right and left heated
- Air-conditioning system
  - only in combination with:
    - Panoramic cab
- Document box
- Radio DAB+ ready (antenna, speaker)
- Radio system DAB+ reception (BT radio, antenna, speaker)
- 7" display + jog dial (incl. angle display, oil volume adjustment, automatic load stabilizer setting, tractive force regulation, joystick sensitivity)
- Bracket for cell phone + USB outlet
- Rear-view camera
  - only in combination with:
    - 7" display + jog dial (incl. angle display, oil volume adjustment, automatic load stabilizer setting, tractive force regulation, joystick sensitivity)

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**Lighting**

- LED rotating beacon
- 4x LED Basic work lights at the front (1000 Lumen)
- 2x LED Basic work lights side-mounted (1000 Lumen)

**Approval, road traffic**

- License plate bracket (incl. license plate illumination)
  - includes:
    - License plate illumination
    - License plate bracket, front and rear
- Sidelights for special buckets incl side marker lights
- Data confirmation (ABE) for self-propelled work machine (standard)*
- EC Tractor CoC for Agricultural/Forestry Tractor Approval (LOF-ZGM-EG-Zulassung, 2003/37/EC – Class T1)
  - only in combination with:
    - License plate bracket (incl. license plate illumination)
    - Rear outlet 7-pole
    - An attachment coupling (not maneuvering hitch) must also be selected!
- EC Tractor CoC for Agricultural/Forestry Tractor Approval (LOF-ZGM-EG-Zulassung, 2003/37/EC – Class T1) + data confirmation – only for Germany
  - only in combination with:
    - License plate bracket (incl. license plate illumination)
    - Rear outlet 7-pole
    - An attachment coupling (not maneuvering hitch) must also be selected!

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

**Drive system & steering**

- Motor with increased power (Deutz TCD 3.6 74 kW / 100 hp) – exhaust emission Stage V
- Reversible fan motor
- Automatic engine stop (standard)
- Ecospeed 40 km/h incl. Smart Driving
  - only in combination with:
    - Motor with increased power (Deutz TCD 3.6 74 kW / 100 hp) – exhaust emission Stage V
      License plate bracket (incl. license plate illumination)
      Load stabilizer (vibration damper)
- Ecospeed 40 km/h incl. Smart Driving (limited to 30 km/h)
  - only in combination with:
    - Motor with increased power (Deutz TCD 3.6 74 kW / 100 hp) – exhaust emission Stage V
      License plate bracket (incl. license plate illumination)
      Load stabilizer (vibration damper)
- Ecospeed 40 km/h incl. Smart Driving (limited to 20 km/h)
  - only in combination with:
    - Motor with increased power (Deutz TCD 3.6 74 kW / 100 hp) – exhaust emission Stage V
      License plate bracket (incl. license plate illumination)
      Load stabilizer (vibration damper)
- Ecospeed 30 km/h incl. Smart Driving
  - only in combination with:
    - License plate bracket (incl. license plate illumination)
    - Load stabilizer (vibration damper)
  - not with
    - Motor with increased power (Deutz TCD 3.6 74 kW / 100 hp) – exhaust emission Stage V
- Driving mode Power/Eco/Road/Pedal mode (incl. low-speed control & manual throttle)
- Steering type Smart Steering
  - only in combination with:
    - 7” display + jog dial (incl. angle display, oil volume adjustment, automatic load stabilizer setting, tractive force regulation, joystick sensitivity)

**Tires**

Not possible with EC Tractor CoC for Agricultural/Forestry Tractor Approval (LOF-ZGM-EG-Zulassung, 2003/37/EC – Class T1)

- Mitas 405/70 R24 EM 01 – multi-purpose profile, direction-independent

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**Tires for EC tractor**

Required for EC Tractor CoC for Agricultural/Forestry Tractor Approval (LOF-ZGM-EG-Zulassung, 2003/37/EC – Class T1)

- Mitas 16/70-20 MPT-04 ET0 – construction machine profile
- Mitas 405/70-24 MPT-04 – construction machine profile (standard)
- Michelin 400/70R20 BIBLOAD – multi-purpose profile
- Michelin 400/70 R24 XMCL ET0
- Nokian 420/65 R24 TRI 2 – municipal profile (caution: no digging depth / reduced steering angle)
- Firestone 400/70 R20 Duraforce
- Trelleborg 400/70R20 TH500 ET0
- Trelleborg 400/70R20 TH400 ET0
- Trelleborg 400/70R24 TH400 ET0

**Loading system & Quick coupler system**

- Load stabilizer (vibration damper)
- Loading system with increased lift height (payload and bucket volume reduced)
- Floating position
- Smart Attach (fully hydraulic quick coupler system); Kramer System HV/WL-L (standard)

**Hydraulics**

- Pre-heating package
  - includes:
    - Hydraulic oil pre-heating (230 V)
    - Coolant pre-heating (230V)
    - Fuel pre-heating (230 V)
- Filling of the hydraulic system with environmentally friendly and biodegradable hydraulic oil

**Hydraulics - front area**

- Front return line, unpressurized return + leak oil
- High flow; incl. 1 double-acting control circuit for positioning movements with attachment, incl. leak oil line and unpressurized return
  - Recommended:
    - Front outlet 7-pole (2 switch positions)
    - Driving mode Power/Eco/Road/Pedal mode (incl. low-speed control & manual throttle)
- Automatic bucket return
  - only in combination with:
    - 7” display + jog dial (incl. angle display, oil volume adjustment, automatic load stabilizer setting, tractive force regulation, joystick sensitivity)
- Shake function (vibratory function of the tipping cylinder)
  - only in combination with:
    - Automatic bucket return
    - 7” display + jog dial (incl. angle display, oil volume adjustment, automatic load stabilizer setting, tractive force regulation, joystick sensitivity)
- 4th control circuit for front add-on equipment with 2nd hydraulic function, proportional
- Tipping cylinder and lowering throttle for work platform preparation (ex-factory only, not retrofittable)
  - only in combination with:
    - Hose burst valve for lifting and tilting cylinders

**Hydraulics - rear area**

- Auxiliary control circuit for tipper (tipper connection)
- Auxiliary control circuit for tipper (for rear attachments, single-acting) including unpressurized return

**Electrical system**

- Rear outlet 7-pole
- Rear outlet 13-pole
- Front outlet 7-pole (2 switch positions)
- Rear outlet (DIN signal socket)
- Front outlet (30A)

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**Safety options**

- Hose burst valve for lifting and tilting cylinders
- Reverse alarm (acoustic)
- Red/white warning stripes (in accordance with DIN 30710)
- EquipCare + Dual ID
  - not with:
    - Immobilizer system, integrated in the ignition switch key
- Immobilizer system, integrated in the ignition switch key
  - not with:
    - EquipCare + Dual ID
- Fire extinguisher (2 kg)
- Seatbelt monitoring with seatbelt alarm
- Orange safety belt (standard)
  - not with:
    - Air-sprung operator's seat with lumbar support and heated seat (MG95AL/722)

**Paint**

- Single-color RAL custom paint finish (gray parts not included)**
- Vehicle operation with corrosive agents (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**

- (Fully automatic) central lubrication unit
  - not with:
    - Vehicle operation with corrosive agents (salt and fertilizer use)
- Central lubrication system (corrosive agents)
  - recommended with:
    - Vehicle operation with corrosive agents (salt and fertilizer use)
- Central lubrication point

**Ball hitches & Brake systems**

- Ball hitch attachment coupling (K50) – fixed to frame
- Automatic attachment coupling 38 mm – fixed to frame
- Mechanical attachment coupling 38 mm – fixed to frame
- Bearing block for attachment couplings height-adjustable (insert for attachment coupling required)
- Automatic 38 mm attachment coupling insert for trailer mount height-adjustable
- K50 ball hitch insert for trailer mount height-adjustable, only suitable for height-adjustable drawbars
- K50 ball hitch insert for trailer mount height-adjustable extended
- Mechanical attachment coupling insert – 32 mm for trailer mount height-adjustable
- Pneumatic trailer brake valve
  - only in combination with:
    - Ecospeed 40 km/h incl. Smart Driving
  - or
    - Ecospeed 40 km/h incl. Smart Driving (limited to 30 km/h)
  - or
    - Ecospeed 40 km/h incl. Smart Driving (limited to 20 km/h)
- Hydraulic trailer brake valve
  - only in combination with:
    - Ecospeed 40 km/h incl. Smart Driving
  - or:
    - Ecospeed 40 km/h incl. Smart Driving (limited to 30 km/h)
  - or:
    - Ecospeed 40 km/h incl. Smart Driving (limited to 20 km/h)

A front ballast weight is required to operate a trailer with the corresponding bearing load.

**Extended warranties**

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

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