



2060T

Telescopic wheel loaders

Technical data

■ Electrical system

| | |
|-------------------|--------|
| Operating voltage | 12 V |
| Battery | 100 Ah |
| Alternator | 120 A |

■ Weights

| | |
|---|------------------|
| Operating weight | 4,460 - 4,770 kg |
| Thrust force (max.) | 4,345 daN |
| Lift capacity (max.) | 4,255 daN |
| Tipping load with bucket – machine straight, loading frame horizontal | 2,790 - 2,960 kg |
| Tipping load with bucket – machine pivoted, loading frame horizontal | 2,430 - 2,600 kg |
| Tipping load with bucket – machine straight (extended) | 1,590 - 1,670 kg |
| Tipping load with bucket – machine pivoted (extended) | 1,360 - 1,450 kg |
| Tipping load with bucket - machine straight, loading frame in lowest position | 3,600 - 3,800 kg |
| Tipping load with bucket - machine pivoted, loading frame in lowest position | 3,150 - 3,350 kg |
| Tipping load with pallet fork – machine straight, loading frame horizontal | 2,220 - 2,350 kg |
| Tipping load with pallet fork – machine pivoted, loading frame horizontal | 1,940 - 2,070 kg |
| Tipping load with pallet fork – machine straight (extended) | 1,380 - 1,460 kg |
| Tipping load with pallet fork – machine pivoted (extended) | 1,190 - 1,270 kg |
| Tipping load with pallet fork - machine straight, transport position | 2,630 - 2,780 kg |
| Tipping load with pallet fork - machine pivoted, transport position | 2,300 - 2,450 kg |

■ Driver's cab

| | |
|--------------|-------------|
| Driver's cab | FSD (cabin) |
|--------------|-------------|

■ Filling levels

| | |
|------------------------|------|
| Tank capacity for fuel | 80 l |
|------------------------|------|

| | |
|---------------------------------|------|
| Tank capacity for hydraulic oil | 32 l |
|---------------------------------|------|

■ Drive system

| | |
|-----------------------|--|
| Type of drive | ecDrive (Electronic Controlled Drive) |
| drive unit | hydrostatic via transfer gearbox and universal joint shaft |
| Speed levels | 2 |
| Axle | PA 1200 |
| Travel speed Standard | 0-20 km/h |
| Travel speed Option 1 | 0-30 km/h |
| Operating brake | Drum brake (option: multi-disc brakes) |
| Parking brake | Drum brake (option: multi-disc brakes) |
| Differential lock | 100 % front axle + rear axle |

■ Hydraulic system

| | |
|--|------------|
| Drive hydraulics working pressure (max.) | 500 bar |
| Work hydraulics discharge volume (max.) | 74,1 l/min |
| Work hydraulics working pressure (max.) | 235 bar |

■ Kinematics

| | |
|---------------------|---------------------------|
| Kinematics type | Teleskoparm (Z-Kinematik) |
| Lifting cylinder | 1 |
| Tipping cylinder | 1 |
| Quick change system | hydraulic |

■ Steering

| | |
|-------------------|---|
| Steering type | hydraulically activated articulated pendulum steering |
| Steering cylinder | 1 |
| Oscillating angle | ± 10 degree |

■ Noise characteristic values

| | |
|--|------------|
| Average sound power level LwA (operator's canopy) | 99.9 dB(A) |
| Guaranteed sound power level LwA (operator's canopy) | 101 dB(A) |

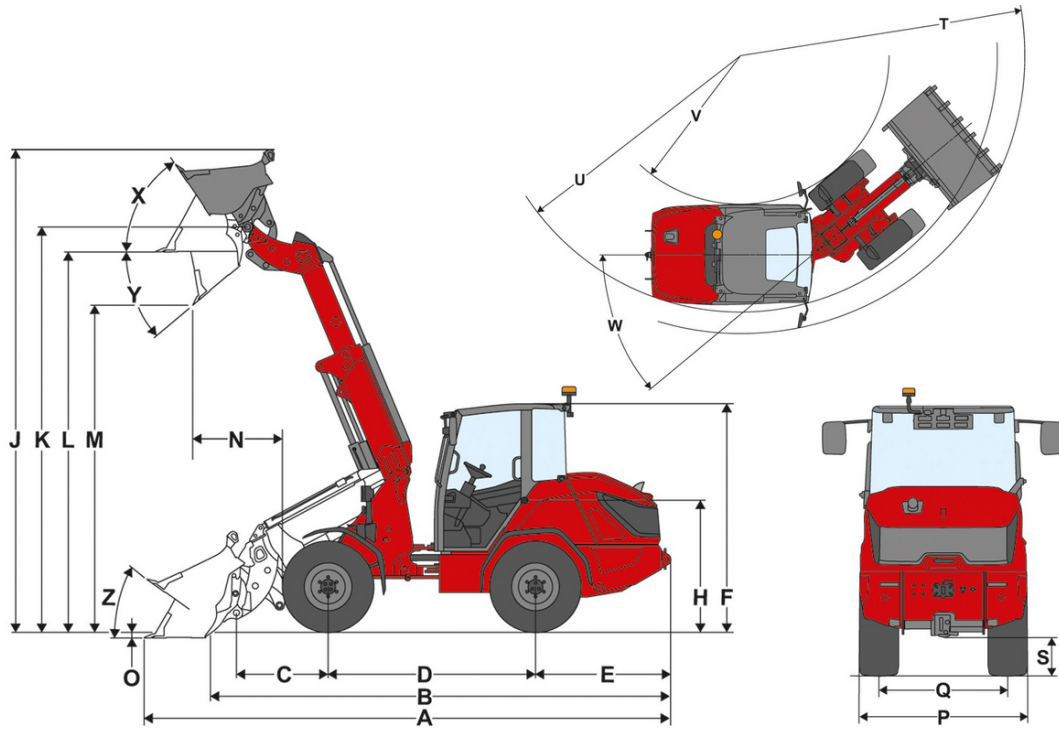
| | |
|--|------------|
| Specified sound pressure level LpA (operator's canopy) | 70 dB(A) |
| Average sound power level LwA (cabin) | 99.9 dB(A) |
| Guaranteed sound power level LwA (cabin) | 101 dB(A) |
| Specified sound pressure level LpA (cabin) | 69 dB(A) |

■ Standard engine data

| | |
|---------------------|--------------|
| Engine manufacturer | Rehiko |
| Motor type | KDI 1903 TCR |

| | |
|------------------------|-----------------------|
| Cylinder | 3 |
| Drive output | 42 |
| Drive output | 57 |
| at max. rpm | 2,600 U/min |
| Maximum torque | 225 Nm |
| Cylinder capacity | 1,861 cm ³ |
| Type of coolant | Water |
| Exhaust standard level | V |
| Exhaust aftertreatment | DOC/DPF |

Dimensions



| | | |
|---|--|----------|
| A | Total length | 5,590 mm |
| B | Total length without bucket | 4,780 mm |
| C | Bucket pivot point (to center of axle) | 975 mm |
| D | Wheel base | 2,200 mm |
| E | Rear overhang | 1,435 mm |
| F | Height with lowered operator's canopy | 2,345 mm |
| F | Height with operator's canopy raised | 2,425 mm |
| F | Height with cab | 2,425 mm |
| H | Seat height | 1,400 mm |
| J | Total working height | 5,155 mm |
| K | Bucket pivot point (max. lift height) | 4,300 mm |
| L | Load-over height telescopic arm extended | 4,095 mm |
| M | Dumping height telescopic arm extended | 3,470 mm |
| N | Reach (at M) | 955 mm |
| O | Digging depth | 60 mm |
| P | Total width | 1,520 mm |
| Q | Track width | 1,160 mm |
| S | Ground clearance | 345 mm |
| T | Maximum radius | 4,260 mm |
| U | Radius on the outer edge | 3,850 mm |
| V | Inner radius | 2,225 mm |
| W | Articulation angle | 40 ° |
| X | Rollback angle at max. lift height | 56 ° |
| Y | Dumping angle | 40 ° |
| Z | Rollback angle on ground | 36 ° |

Standard components

Engine

- Rehlko KDI 1903 TCR, 42,0 kW / 57,1 PS (DOC/DPF), EU: Stage V

Steering system

- Hydraulically activated articulated pendulum steering
- Steering cylinder: 1

Operator's cab

- Operator's canopy ROPS / FOPS tested, rear windshield
- Generous space in all driver's seats
- Mirrors on left and right
- Ergonomically designed, spacious entry
- Adjustable steering wheel (tilt and height)
- Armrest on right

Operator's seat

- Synthetic leather seat with safety belt, fully sprung, weight, backrest and length adjustment

Lighting

- Lighting according to StVZO
- LED Basic worklights (1000 lm) on the roof, 2 at the front, 1 at the rear

Drive system & Axles

- Axle: PA1200 planetary axle
- Drive: Hydrostatic all-wheel drive, electronically controlled, ecDrive (Electronic Controlled Drive)
- Driving modes: Auto mode; ECO mode (Reduction of engine speed when the set speed is reached)
- Differential lock: 100%, electrically-hydraulically engageable on front and rear axles
- Speed: 20 km/h (optional 30 km/h)
- Drive stages: 2 | 10 km/h / 20 km/h
- Service brake: Drum brake on front axle acting on rear axle via drive shaft
- Parking brake: Drum brake - operated by handbrake lever on front axle, acting on rear axle via drive shaft

Tires

- 365/70 R 18 BKT Multimax MP 513 ET20, width 1520 mm, height 2425 mm

Loading system

- Telescopic load arm LS1000
- Quickhitch facility (Weidemann HV/HT - C) hydraulic
- Kinematics: Z
- Lifting cylinder: 1
- Tipping cylinder: 1
- Floating position for lift cylinder

Hydraulics

- Electric pilot-controlled joystick with travel direction control and integrated touch button for differential lock and proportional telescopic function
- 3rd control circuit front, electrical, proportional via joystick including double detent
- Work hydraulics 59 l/min (22,9 ccm)
- Hydraulic oil cooler

EquipCare (telematics)

- EquipCare 36 months

Options

Operator's cab

- Low operator's canopy, incl. rear windshield
- 1-Door cabin, including heater and fan
- Two-piece cabin door
- Front and rear windshield incl. wipers front and rear
- Rear-view mirror, wide-angle, cabin
- Air-conditioning system
- Radio DAB+-ready (aerial, speaker)
- Radio DAB+ complete
- 1 plug receptacle: 2xUSB
- Sun shade
- Storage compartment (left of the operator's seat)
- Internal panoramic mirror

Operator's seat

- Fabric seat; MSG85
- Artificial leather seat; air-sprung; MSG95
- Fabric seat; air-sprung; high backrest; MSG95
- Fabric seat; air-sprung; heated seat; MSG95
- Fabric seat; air-sprung; heated seat; high backrest; MSG95
- Fabric seat; air-sprung; MSG95
- Fabric seat; high backrest; MSG85

Lighting

- LED lighting according to StVZO
- LED performance work lights (2000 lm) on the roof, 2 front, 2 rear
- LED performance work lights (2000 lm) on telescopic arm, 2 front
- LED rotating beacon (yellow), (the national regulations must be observed)

Approval & Road traffic

- Individual operating permit < 25 km/h
- Individual operating permit > 25 km/h
- Front and rear license plate bracket
- Warning triangle (the national requirements must be observed.)

Drive system & Axles

- Manual throttle
- Pre-heating: Coolant, hydraulic oil; 230 V, plug receptacle type E/F
- Pre-heating: Coolant, hydraulic oil; 230 V, plug receptacle type J
- Pre-heating: Coolant, hydraulic oil; 230 V, plug receptacle type G
- Driving mode Auto / Eco / Attachments
- Driving mode Auto / Eco / M-Drive
- Speed limiter proportional (slow speed device)
- 20 km/h speed increase
- 30 km/h speed increase
- Electro-hydraulic multi-disc brakes with spring suspension in the front axle acting on rear axle via universal joint shaft, incl. hill-hold function

Tires

- 425/55 R 17 Alliance 570 ET-15, width 1655 mm, height 2386 mm
- 440/50 R 17 BKT TracSuper ET-15, width 1671 mm, height 2377 mm
- 340 / 80 R 18 Alliance 585 ET15, width 1515 mm, height 2441 mm
- 405/70 R 18 Alliance 608 ET0, width 1608 mm, height 2453 mm

Loading system

Quickhitch plates:

- SkidSteer (hydraulic - SAEJ2513 SSL HV)
- Matbro (hydraulic)
- Euro (hydraulic - ISO23206 EURO HV) (incl. two couplings SVK size 3)

Other:

- Load arm dampening

Bio-hydraulic oil

- Shell Panolin HLP Synt46 (Biohydraulic oil)

Hydraulics in front

- Working hydraulics 74.1 l/min (28.5 ccm)
- Pressureless return at front (1 x flat face size 3, plug) incl. leak oil line (1 x flat face size 2, plug)
- Faster quick coupling, double - machine side + attachment side
- Changeover valve at front on 3rd control circuit (3rd control circuit with 4 couplings), (operation: selection via switch (0 - 1) in the joystick console)
- Pressure relief 3rd control circuit at front on telescopic arm

Hydraulics in rear

- Rear single-acting hydraulic connection via changeover valve (one SVK size 3 coupling)

Electrical connections in front

- Front socket 13-pole (2x electrical functions E1/ E2 and lighting);&# 160;Operation: Via 2 buttons on the joystick; 1st pressing function, 2nd latching function
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Electrical connections in rear

- Rear socket 7-pole for lighting of rear attachments

Electrical system

Battery disconnect switch:

- Battery isolator switch driver's cab - relay isolating

Safety options

- Reversing warning device (acoustic)
- Rear view camera
- Seat belt monitoring
- Immobilizer ignition key (operation: Via coded ignition key)

Custom-made paint finish

- Special painting RAL single color - instead of Weidemann red
- Special painting RAL multicolored

Other

- Tool box incl. tool set
- Combination bag (warning triangle / first aid kit)
- Fully automatic central lubrication unit
- Re-configured central lubrication system (lubrication line positioned in the arm)

Warranty extension

- Economy 24 months (2500 h)
- Economy 36 months (3000 h)
- Economy 48 months (3500 h)
- Economy 60 months (4000 h)
- Premium 24 months (3000 h)
- Premium 36 months (4000 h)
- Premium 48 months (5000 h)
- Premium 60 months (6000 h)

Trailer and recovery equipment

- Trailer hitch 38 mm, automatic
- Maneuvering coupling (Not approved for trailer operation!)