



3060T

Telescopic wheel loaders

Technical Data

■ Standard engine data

| | |
|------------------------|-----------------------|
| Engine manufacturer | Rehlko |
| Motor type | KDI 2504 TCR |
| Cylinder | 4 |
| Drive output | 48 kW |
| Drive output | 65 PS |
| at max. rpm | 2,200 U/min |
| Maximum torque | 300 Nm |
| Cylinder capacity | 2,482 cm ³ |
| Type of coolant | Water |
| Exhaust standard level | V |
| Exhaust aftertreatment | DOC/DPF |

■ Electrical system

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

■ Weights

| | |
|---|------------------|
| Operating weight | 5,110 - 5,650 kg |
| Thrust force (max.) | 4,470 daN |
| Lift capacity (max.) | 4,620 daN |
| Tipping load with bucket – machine straight, loading frame horizontal | 2,870 - 3,190 kg |
| Tipping load with bucket – machine pivoted, loading frame horizontal | 2,500 - 2,790 kg |
| Tipping load with bucket – machine straight (extended) | 1,540 - 1,750 kg |
| Tipping load with bucket – machine pivoted (extended) | 1,320 - 1,510 kg |
| Tipping load with bucket - machine straight, loading frame in lowest position | 3,860 - 4,300 kg |
| Tipping load with bucket - machine pivoted, loading frame in lowest position | 3,380 - 3,790 kg |
| Tipping load with pallet fork – machine straight, loading frame horizontal | 2,610 - 2,890 kg |
| Tipping load with pallet fork – machine pivoted, loading frame horizontal | 2,290 - 2,540 kg |

| | |
|--|------------------|
| Tipping load with pallet fork – machine straight (extended) | 1,530 - 1,720 kg |
| Tipping load with pallet fork – machine pivoted (extended) | 1,330 - 1,500 kg |
| Tipping load with pallet fork - machine straight, transport position | 3,060 - 3,400 kg |
| Tipping load with pallet fork - machine pivoted, transport position | 2,690 - 3,010 kg |

■ Driver's cab

| | |
|--------------|-----|
| Driver's cab | Cab |
|--------------|-----|

■ 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 1422 |
| 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.) | 78,2 (91) 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 (cabin) | 99.6 dB(A) |
| Guaranteed sound power level LwA (cabin) | 101 dB(A) |

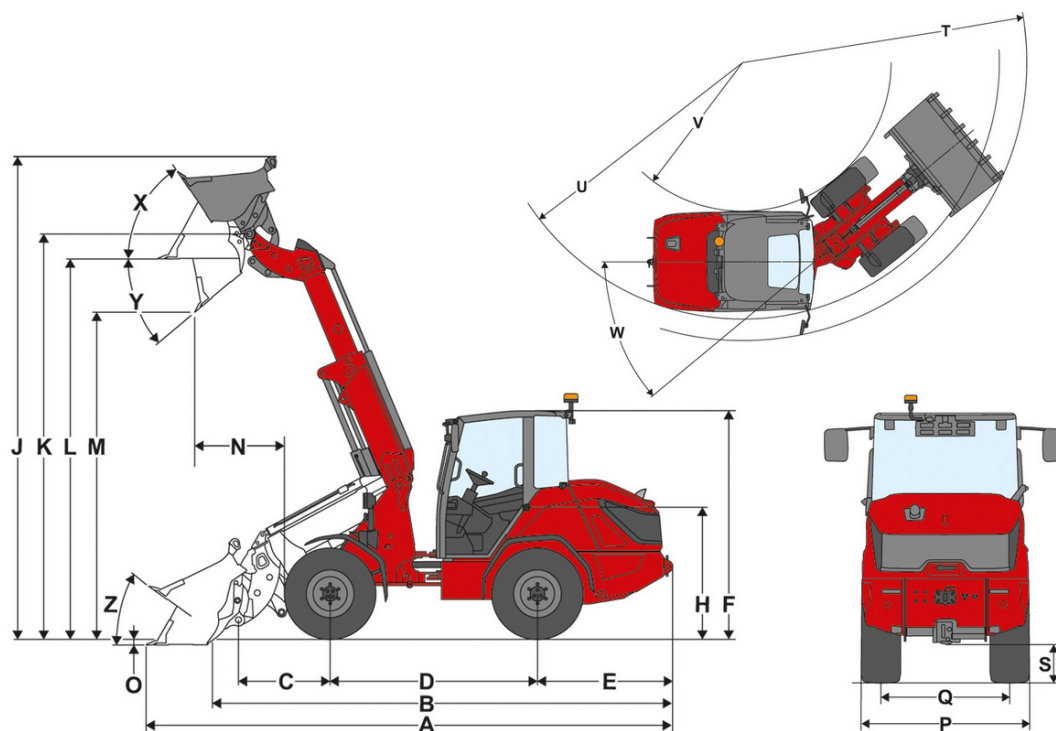
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|--|----------|
| Specified sound pressure level LpA (cabin) | 73 dB(A) |
|--|----------|

■ **Other information**

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|--|
| DPF = diesel particulate filter |
| DOC = diesel oxidation catalyst |
| SCR = selective catalytic reduction |
| Tipping load calculation pursuant to ISO 14397 |

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.

Dimensions



| | | |
|----------|--|---------------------------------------|
| | Standard components | 365 / 70 R 18 BKT Multimax MP513 ET30 |
| A | Total length | 6,030 mm |
| B | Total length without bucket | 5,160 mm |
| C | Bucket pivot point (to center of axle) | 1,210 mm |
| D | Wheel base | 2,325 mm |
| E | Rear overhang | 1,435 mm |
| F | Height with cab | 2,485 mm |
| H | Seat height | 1,460 mm |
| J | Total working height | 5,875 mm |
| K | Bucket pivot point (max. lift height) | 4,985 mm |
| L | Load-over height telescopic arm extended | 4,780 mm |
| M | Dumping height telescopic arm extended | 4,085 mm |
| N | Reach (at M) | 960 mm |
| O | Digging depth | 110 mm |
| P | Total width | 1,720 mm |
| Q | Track width | 1,360 mm |
| S | Ground clearance | 335 mm |
| T | Maximum radius | 4,585 mm |
| U | Radius on the outer edge | 3,935 mm |
| V | Inner radius | 2,125 mm |
| W | Articulation angle | 40 ° |
| X | Rollback angle at max. lift height | 56 ° |
| Y | Dumping angle | 40 ° |
| Z | Rollback angle on ground | 39 ° |

Standard components

Engine

- Rehlko KDI 2504 TCR, {48 kW / 65,3 PS}{48 kW / 64.4 HP}, (DOC/DPF), EU: Stage V

Steering system

- Hydraulic articulated pendulum steering
- Steering cylinder: 1

Operator's cab

- 1-Door comfort cabin with heater and fan, ROPS / FOPS-tested
- Generous provision of space
- Mirror on the left and right
- Ergonomic, generous access
- Adjustable steering wheel (incline and height)

Operator's seat

- Mechanically sprung fabric seat with seatbelt, weight, back and horizontal 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: PA1422 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)
- Lock: 100% differential lock, electrically-hydraulically engageable on front and rear axles
- Speed: {20 km/h (30 km/h)}{12.4 mph (18.6 mph)}
- Drive stages: 2 | {10 km/h / 20 km/h}{6.2 mph / 12.4 mph}
- 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 MP513 ET30, width {1720 mm}{67.72 in}, height {2485 mm}{97.85 in}

Loading system

- Telescopic load arm LS999
- 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 Includes double clutch
- Working hydraulics {78.2 l/min (37.4 ccm)}{20.8 gpm (2.28 in³)}
- Hydraulic oil cooler

EquipCare (telematics)

- EquipCare 36 months

Options

Operator's cab

- Two-piece cabin door
- Rear-view mirror, wide-angle, cabin
- Air-conditioning system
- Radio DAB+-ready (aerial, speaker)
- Radio DAB+ complete
- 1 plug receptacle: 2xUSB
- Sun shade

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- Storage compartment (left of the operator's seat)
- Internal panoramic mirror

Operator's seat

- Vinyl seat
- 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
- Working lights LED (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}{15.5 mph}
- Individual operating permit > {25 km/h}{15.5 mph}
- 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}{12.4 mph} speed increase
- {30 km/h}{18.6 mph} 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

- 440/50 R 17 BKT TracSuper ET0, width {1861 mm}{73.27 in}, height {2437 mm}{95.95 in}
- 405 / 70 R 20 BKT Multimax MP 513 ET30, profile AS, width {1770 mm}{69.69 in}, height {2535 mm}{99.8 in}
- 400 / 70 R 18 Alliance 585 ET0, width {1824 mm}{71.81 in}, height {2509 mm}{98.78 in}
- 400 / 70 R 20 Michelin Bibload ET0, profile Bibload, width {1824 mm}{71.81 in}, height {2535 mm}{99.8 in}
- 445 / 70 R 19.5 Alliance 624 ET0, width {1865 mm}{73.43 in}, height {2553 mm}{100.51 in}
- 550 / 45 - 22.5 Alliance 331 ET-50, width {2070 mm}{81.5 in}, height {2536 mm}{99.84 in}

Loading system

Quickhitch plates:

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

Other:

- Load arm dampening

Bio-hydraulic oil

- Shell Panolin S4 HLP Synt46 (Biohydraulic oil)

Hydraulics in front

- Work hydraulics {91 l/min (41.7 ccm)}{24.0 gpm (2.6 in³)}
- Pressureless return at front (1 x flat face size 3, plug) incl. leak oil line (1 x flat face size 2, plug)
- Plug-in coupling at front 3rd control circuit (flat face size 3)
- Faster quick coupling, double - machine side + attachment side
- Changeover valve at front on 3rd control circuit (3rd control circuit with 4 Flatface size 3 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)

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Electrical connections in front

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

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}{1.5 in}, automatic
- Maneuvering coupling (Not approved for trailer operation!)