



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
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■ 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
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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)

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

■ **Other information**

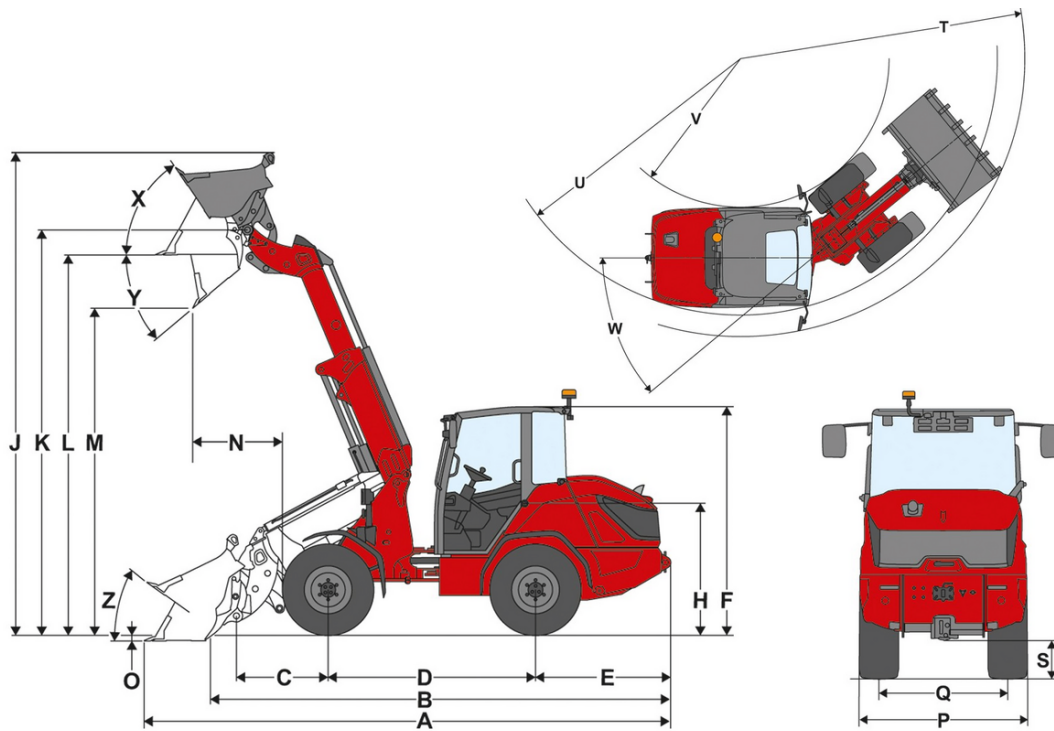
DPF = diesel particulate filter

DOC = diesel oxidation catalyst

SCR = selective catalytic reduction

Tipping load calculation pursuant to ISO 14397

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

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.

- 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!)