



4060T

Telescopic wheel loaders

Technical Data

■ Standard engine data

Engine manufacturer	Rehliko	Tipping load with pallet fork – machine straight (extended)	1,980 - 2,070 kg
Motor type	KDI 2504 TCR	Tipping load with pallet fork – machine pivoted (extended)	1,730 - 1,810 kg
Cylinder	4	Tipping load with pallet fork – machine straight, transport position	3,890 - 4,040 kg
Drive output	55.4 kW	Tipping load with pallet fork – machine pivoted, transport position	3,420 - 3,550 kg
Drive output	75 PS		
at max. rpm	2,300 U/min		
Maximum torque	315 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	Type of drive	ecDrive (Electronic Controlled Drive)
Battery	100 Ah	drive unit	hydrostatic via transfer gearbox and universal joint shaft
Alternator	120 A	Speed levels	2
		Axle	PA 1422
		Travel speed Standard	0-20 km/h
		Travel speed Option 1	0-30 km/h

■ Weights

Operating weight	5,830 - 6,050 kg	Operating brake	Disc brakes (option: multi-disc brakes)
Thrust force (max.)	4,070 daN	Parking brake	Disc brakes (option: multi-disc brakes)
Lift capacity (max.)	4,645 daN	Differential lock	100 % front axle + rear axle
Tipping load with bucket – machine straight, loading frame horizontal	3,550 - 3,700 kg		
Tipping load with bucket – machine pivoted, loading frame horizontal	3,100 - 3,230 kg		
Tipping load with bucket – machine straight (extended)	1,980 - 2,080 kg		
Tipping load with bucket – machine pivoted (extended)	1,710 - 1,800 kg		
Tipping load with bucket - machine straight, loading frame in lowest position	4,750 - 4,930 kg		
Tipping load with bucket - machine pivoted, loading frame in lowest position	4,150 - 4,320 kg		
Tipping load with pallet fork – machine straight, loading frame horizontal	3,280 - 3,410 kg		
Tipping load with pallet fork – machine pivoted, loading frame horizontal	2,880 - 2,990 kg		

■ Hydraulic system

Drive hydraulics working pressure (max.)	500 bar
Work hydraulics discharge volume (max.)	86 (101) 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)	99.8 dB(A)
Guaranteed sound power level LwA (cabin)	101 dB(A)

Specified sound pressure level LpA (cabin) 71 dB(A)

■ Other information

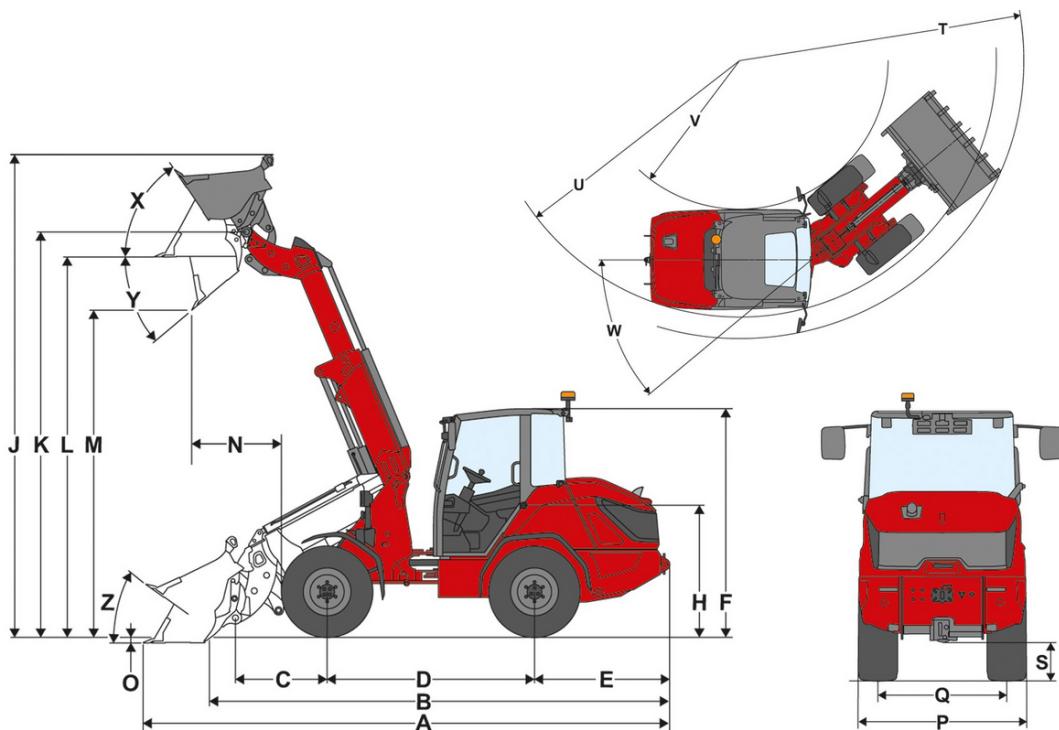
DPF = diesel particulate filter

DOC = diesel oxidation catalyst

SCR = selective catalytic reduction

Tipping load calculation pursuant to ISO 14397

Dimensions



	Standard components	405 / 70 R 20 BKT MP513 ET30
A	Total length	6,120 mm
B	Total length without bucket	5,140 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	2,535 mm
H	Seat height	1,510 mm
J	Total working height	5,970 mm
K	Bucket pivot point (max. lift height)	5,040 mm
L	Load-over height telescopic arm extended	4,835 mm
M	Dumping height telescopic arm extended	4,080 mm
N	Reach (at M)	975 mm
O	Digging depth	60 mm
P	Total width	1,770 mm
Q	Track width	1,360 mm
S	Ground clearance	390 mm
T	Maximum radius	4,650 mm
U	Radius on the outer edge	3,990 mm
V	Inner radius	2,100 mm
W	Articulation angle	40 °
X	Rollback angle at max. lift height	56 °
Y	Dumping angle	40 °
Z	Rollback angle on ground	39 °

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.

Standard components

Engine

- Rehlko KDI 2504 TCR, {55.4 kW (75.3 PS)}{55.4 kW (74.3 HP)}, (DOC/DPF), EU: Stage V

Steering system

- Hydraulic articulated pendulum steering
- Steering cylinder: 1

Operator's cab

- 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: planetary axle PA1422
- Drive: Hydrostatic all-wheel drive, electronically controlled, ecDrive (Electronic Controlled Drive)
- operating modes: Auto Mode; ECO Mode (reduction of engine speed when set speed is reached)
- Lock: different lock 100 %, electrically-hydraulically adjustable on the front and rear axle
- Speed {20 km/h (optional 30 km/h)}{12.4 mph (optional 18.6 mph)}
- Speed levels: 2 | {10 km/h / 20 km/h}{6.2 mph / 12.4 mph}
- Operating brake: Disc brake on the front axle acting on the rear axle via a drive shaft
- Parking brake: Disc brake; operated by handbrake lever on front axle, acting on rear axle via drive shaft

Tires

- 405 / 70 R 20 BKT MP513 ET30, Width {1770 mm}{69.69 in}, Height {2,535 mm}{99.8 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 incl double rest
- Work hydraulics {86 l/min (37,4 ccm)}{22.7 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

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- 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

- 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

- 400/70 R 20 Alliance 585 ET0, width {1827 mm}{72.93 in}, height {2531 mm}{99.65 in}
- 445/70 R 19.5 Alliance 624 ET0, width {1868 mm}{73.54 in}, height {2550 mm}{100.39 in}
- 550 / 45 R 22.5 Alliance 331 ET-50, width {2073 mm}{81.61 in}, height {2532 mm}{99.69 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 HLP Synt46 (Biohydraulic oil)

Hydraulics in front

- Work hydraulics {101 l/min (44,2 ccm)}{26.7 gpm (2.7 in³)}{26.7 gpm (2.7 in³)}
- Pressureless return line in front (1 x Flatface size 3, plug) incl. leakage oil line (1 x Flatface size 2, plug)
- Front plug-in coupling 3. Control circuit (flat face size 3)
- Quick coupling faster 2-fold - machine side + attachment side
- Reversing valve in front on 3rd control circuit (3rd control circuit with 4 couplings Flatface size 3)
- Pressure release of 3rd control circuit, front

Hydraulics in rear

- Rear single-acting hydraulic connection via changeover valve (two SVK size 3 couplings)

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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); Operation: Via 2 buttons on the joystick; 1st latching function, 2nd pressing function
- Front socket 13-pole (2x electrical functions E1/ E2 and lighting); Operation: Via 2 buttons on the joystick; 1st pressing function, 2nd pressing function
- Front socket 13-pole (2x electrical functions E1/ E2 and lighting); 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)
- EquipCare Dual ID Keypad immobilizer (operation: Via keypad)

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
- Shunting coupling (not approved for trailer operation!)