



2060T

Telescopic wheel loaders

Technical Data

■ Standard engine data

Engine manufacturer	Rehlko
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

■ 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)
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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 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
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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)

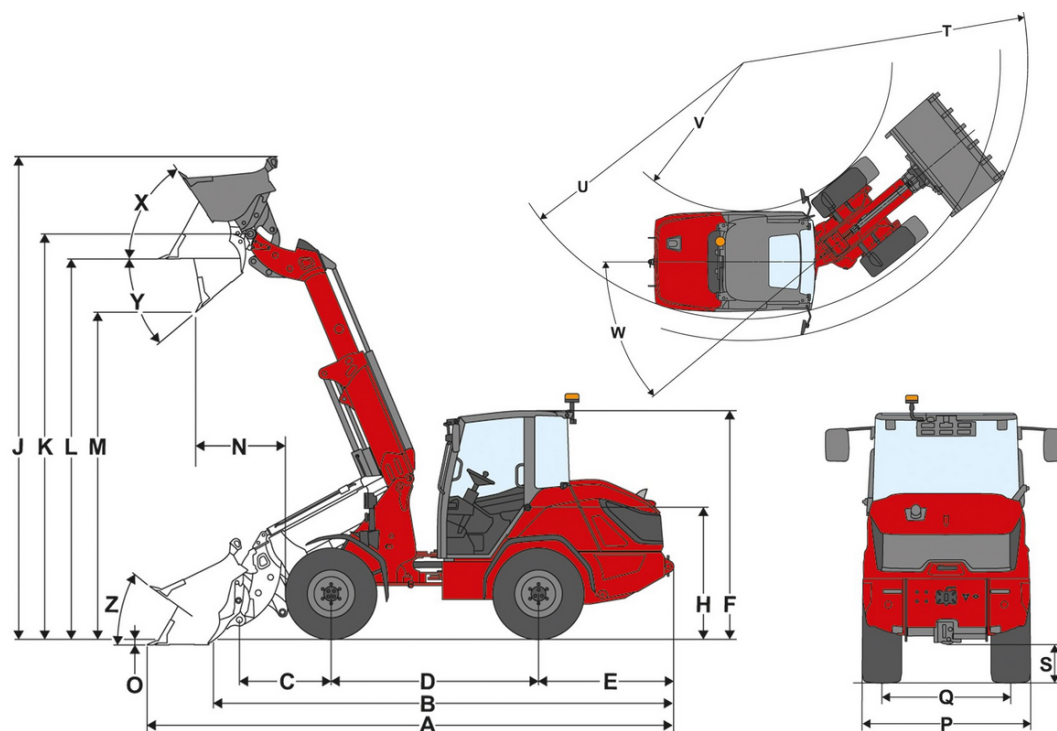
Average sound power level LwA (cabin)	99.9 dB(A)
Guaranteed sound power level LwA (cabin)	101 dB(A)
Specified sound pressure level LpA (cabin)	69 dB(A)

■ **Other information**

FSD = operator's canopy
DPF = diesel particulate filter
DOC = diesel oxidation catalyst
SCR = selective catalytic reduction
Tipping load calculation pursuant to ISO 14397

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Dimensions



	Standard components	365 / 70 R 18 BKT MP513 ET20
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
	Height with operator's canopy raised	2,425 mm
	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}{42,0 kW / 56.3 HP} (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)}{12.4 mph (optional 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 MP 513 ET20, width {1520 mm}{59.84 in}, height {2425 mm}{95.47 in}

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)}{15.6 in (1.4 in)}
- 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

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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

- 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}{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

- 425/55 R 17 Alliance 570 ET-15, width {1655 mm}{65.16 in}, height {2386 mm}{93.94 in}
- 440/50 R 17 BKT TracSuper ET-15, width {1671 mm}{65.79 in}, height {2377 mm}{93.58 in}
- 340 / 80 R 18 Alliance 585 ET15, width {1515 mm}{59.65 in}, height {2441 mm}{96.1 in}
- 405/70 R 18 Alliance 608 ET0, width {1608 mm}{63.31 in}, height {2453 mm}{96.58 in}

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)}{19.6 gpm (1.74 in³)}
- 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)

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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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- 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!)