



## 2060T

### Telescopic wheel loaders

#### Technical Data

##### ■ Standard engine data

Engine manufacturer	Rehliko	Tipping load with pallet fork – machine straight (extended)	1,380 - 1,460 kg
Motor type	KDI 1903 TCR	Tipping load with pallet fork – machine pivoted (extended)	1,190 - 1,270 kg
Cylinder	3	Tipping load with pallet fork - machine straight, transport position	2,630 - 2,780 kg
Drive output	42	Tipping load with pallet fork – machine pivoted, transport position	2,300 - 2,450 kg
Drive output	57		
at max. rpm	2,600 U/min		
Maximum torque	225 Nm		
Cylinder capacity	1,861 cm <sup>3</sup>		
Type of coolant	Water		

##### ■ 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 1200
		Travel speed Standard	0-20 km/h
		Travel speed Option 1	0-30 km/h

##### ■ Weights

Operating weight	4,460 - 4,770 kg	Operating brake	Drum brake (option: multi-disc brakes)
Thrust force (max.)	4,345 daN	Parking brake	Drum brake (option: multi-disc brakes)
Lift capacity (max.)	4,255 daN	Differential lock	100 % front axle + rear axle
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		

##### ■ 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	Average sound power level LwA (cabin)	99.9 dB(A)
Oscillating angle	± 10 degree	Guaranteed sound power level LwA (cabin)	101 dB(A)
<b>■ Noise characteristic values</b>			
Average sound power level LwA (operator's canopy)	99.9 dB(A)	Specified sound pressure level LpA (cabin)	69 dB(A)
Guaranteed sound power level LwA (operator's canopy)	101 dB(A)		
Specified sound pressure level LpA (operator's canopy)	70 dB(A)		

### ■ Other information

FSD = operator's canopy

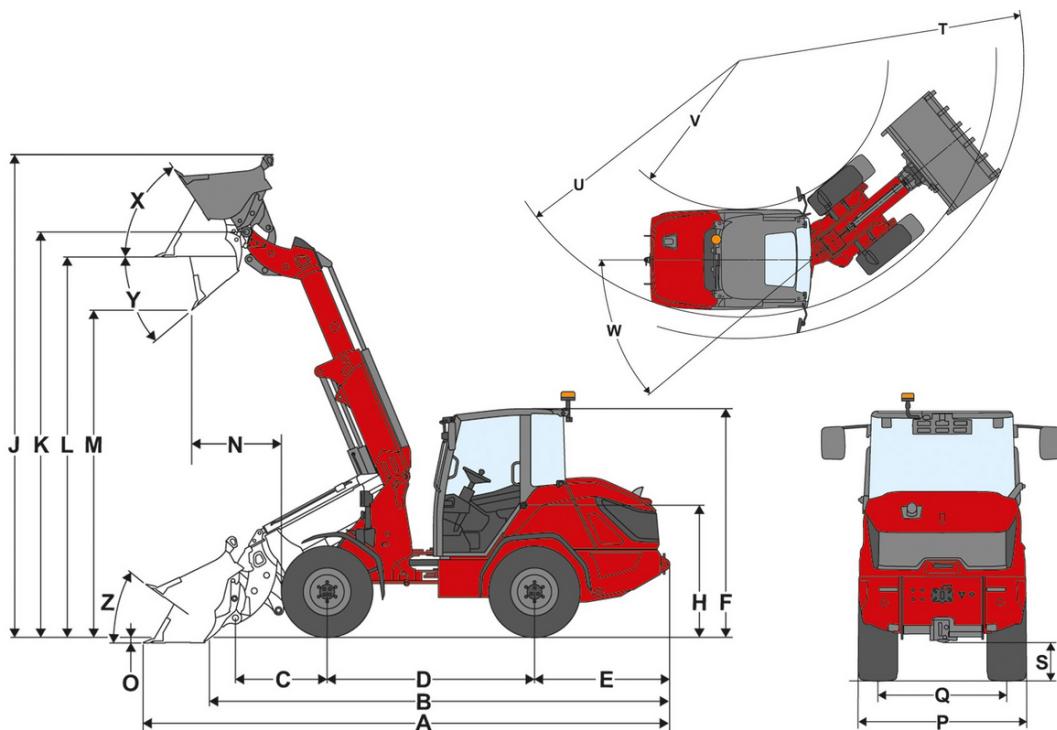
DPF = diesel particulate filter

DOC = diesel oxidation catalyst

SCR = selective catalytic reduction

Tipping load calculation pursuant to ISO 14397

## Dimensions



	Standard components	365 / 70 R 18 BKT MP513 ET20
<b>A</b>	Total length	5,590 mm
<b>B</b>	Total length without bucket	4,780 mm
<b>C</b>	Bucket pivot point (to center of axle)	975 mm
<b>D</b>	Wheel base	2,200 mm
<b>E</b>	Rear overhang	1,435 mm
<b>F</b>	Height with lowered operator's canopy	2,345 mm
	Height with operator's canopy raised	2,425 mm
	Height with cab	2,425 mm
<b>H</b>	Seat height	1,400 mm
<b>J</b>	Total working height	5,155 mm
<b>K</b>	Bucket pivot point (max. lift height)	4,300 mm
<b>L</b>	Load-over height telescopic arm extended	4,095 mm
<b>M</b>	Dumping height telescopic arm extended	3,470 mm
<b>N</b>	Reach (at M)	955 mm
<b>O</b>	Digging depth	60 mm
<b>P</b>	Total width	1,520 mm
<b>Q</b>	Track width	1,160 mm
<b>S</b>	Ground clearance	345 mm
<b>T</b>	Maximum radius	4,260 mm
<b>U</b>	Radius on the outer edge	3,850 mm
<b>V</b>	Inner radius	2,225 mm
<b>W</b>	Articulation angle	40 °
<b>X</b>	Rollback angle at max. lift height	56 °
<b>Y</b>	Dumping angle	40 °
<b>Z</b>	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 in<sup>3</sup>)}
- 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); 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)

#### **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!)