



## 5080T

### Telescopic wheel loaders

#### Technical Data

##### ■ Standard engine data

Engine manufacturer	Perkins
Motor type	904J-E36TA
Cylinder	4
Drive output	100 kW
Drive output	134.1 HP
at max. rpm	2,200 rpm
Cylinder capacity	220.97 in <sup>3</sup>
Type of coolant	Water
Exhaust standard level	V
Exhaust aftertreatment	DOC/DPF/SCR

##### ■ Electrical system

Operating voltage	12 V
Battery	135 Ah
Alternator	85 A

##### ■ Weights

Operating weight	15,873 lb
Tipping load with bucket – machine straight, loading frame horizontal	9,623 lb
Tipping load with bucket – machine pivoted, loading frame horizontal	8,067 lb
Tipping load with bucket – machine straight (extended)	5,646 lb
Tipping load with bucket – machine pivoted (extended)	4,702 lb
Tipping load with pallet fork – machine straight, loading frame horizontal	9,046 lb
Tipping load with pallet fork – machine pivoted, loading frame horizontal	7,602 lb
Tipping load with pallet fork – machine straight (extended)	5,644 lb
Tipping load with pallet fork – machine pivoted (extended)	4,691 lb

##### ■ Driver's cab

Driver's cab	Cab
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##### ■ Filling levels

Tank capacity for fuel	27.74 US gal
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Tank capacity for hydraulic oil	25.10 US gal
Tank capacity for urea solution	5.02 US gal

##### ■ Drive system

Type of drive	Hydrostatic
drive unit	universal joint shaft
Speed levels	2
Axle	PA 1422/2
Travel speed Standard	0-12,43 mph
Travel speed Option 1	0-18,64 mph
Travel speed Option 2	0-24,85 mph
Operating brake	Disc brake (combined with parking brake)
Parking brake	Service and parking brake in the drive train acts on all 4 wheels
Differential lock	100 % front axle + rear axle

##### ■ Hydraulic system

Drive hydraulics working pressure (max.)	6599 psi
Work hydraulics discharge volume (max.)	26,42 (30,38-39,63) gpm
Work hydraulics working pressure (max.)	3408 psi

##### ■ Kinematics

Lifting cylinder	1
Tipping cylinder	1
Quick change system	hydraulic

##### ■ Steering

Steering type	Hydraulically activated articulated pendulum steering
Steering cylinder	2
Oscillating angle	±12 degree

##### ■ Noise characteristic values

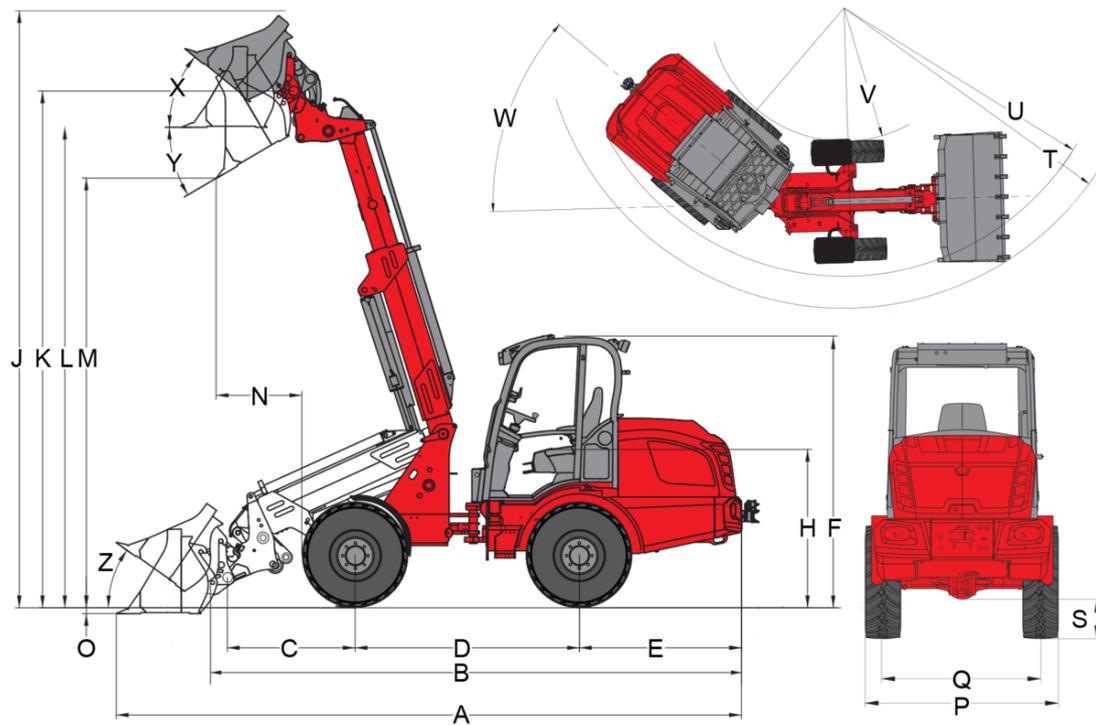
Average sound power level LwA (cabin)	101.4 dB(A)
Guaranteed sound power level LwA (cabin)	103 dB(A)
Specified sound pressure level LpA (cabin)	74 dB(A)

■ **Other information**

FSD = operator's canopy  
DPF = diesel particulate filter

DOC = diesel oxidation catalyst  
SCR = selective catalytic reduction  
Tipping load calculation according to ISO 14397

## Dimensions



### Telescopic arm (Z-kinematics)

	Standard components	550/45-22.5 AS ET0
<b>A</b>	Total length	244.1 in
<b>B</b>	Total length without bucket	205.9 in
<b>C</b>	Bucket pivot point (to center of axle)	49.2 in
<b>D</b>	Wheel base	86.2 in
<b>E</b>	Rear overhang	62.2 in
<b>F</b>	Height with lowered operator's canopy	
	Height with operator's canopy raised	
	Height with cab lowered	
	Height with cab raised	
	Height with cab	105.9 in
<b>H</b>	Seat height	63.8 in
<b>J</b>	Total working height	231.9 in
<b>K</b>	Bucket pivot point (max. lift height)	200.4 in
<b>L1</b>	Load-over height telescopic arm retracted	
<b>L</b>	Load-over height telescopic arm extended	185.8 in
	Load-over height	
<b>M1</b>	Dumping height telescopic arm retracted	
<b>M</b>	Dumping height	
	Dumping height telescopic arm extended	161.0 in
<b>N</b>	Reach (at M)	31.5 in
<b>O</b>	Digging depth	2.4 in
<b>P</b>	Total width	77.6 in
<b>Q</b>	Track width	56.0 in
<b>S</b>	Ground clearance	15.0 in
<b>T</b>	Maximum radius	176.0 in
<b>U</b>	Radius on the outer edge	154.7 in
<b>V</b>	Inner radius	72.8 in
<b>W</b>	Articulation angle	42 °
<b>X</b>	Rollback angle at max. lift height	37 °
<b>Y</b>	Dumping angle	36 °
<b>Z</b>	Rollback angle on ground	36 °

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.