



## 3080T

### Telescopic wheel loaders

#### Technical Data

##### ■ Standard engine data

Engine manufacturer	Deutz
Motor type	TCD 2.9 L4 S5
Cylinder	4
Drive output	55.4 kW
Drive output	74.3 HP
at max. rpm	2,300 rpm
Cylinder capacity	176.97 in <sup>3</sup>
Type of coolant	Water/charge air
Exhaust standard level	V
Exhaust aftertreatment	DOC/DPF

##### ■ Electrical system

Operating voltage	12 V
Battery	100 Ah
Alternator	85 A

##### ■ Weights

Operating weight	11,905 lb
Tipping load with bucket – machine straight, loading frame horizontal	6,206 lb
Tipping load with bucket – machine pivoted, loading frame horizontal	5,315 lb
Tipping load with bucket – machine straight (extended)	3,426 lb
Tipping load with bucket – machine pivoted (extended)	2,866 lb
Tipping load with pallet fork – machine straight, loading frame horizontal	5,666 lb
Tipping load with pallet fork – machine pivoted, loading frame horizontal	4,866 lb
Tipping load with pallet fork – machine straight (extended)	3,327 lb
Tipping load with pallet fork – machine pivoted (extended)	2,782 lb

##### ■ Driver's cab

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

Tank capacity for fuel	21.66 US gal
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Tank capacity for hydraulic oil	17.44 US gal
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##### ■ Drive system

Type of drive	Hydrostatic
drive unit	universal joint shaft
Speed levels	2
Axle	PA 1400 (PA 1422)
Travel speed Standard	0-12,43 mph
Travel speed Option 1	0-18,64 mph
Operating brake	Hydrostatic drive system acting on all 4 wheels (wear-free)
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.)	6527 psi
Work hydraulics discharge volume (max.)	19,55 (21,93-27,21) 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	1
Oscillating angle	±12 degree

##### ■ Noise characteristic values

Average sound power level L <sub>WA</sub> (cabin)	99.9 dB(A)
Guaranteed sound power level L <sub>WA</sub> (cabin)	101 dB(A)
Specified sound pressure level L <sub>pA</sub> (cabin)	74 dB(A)

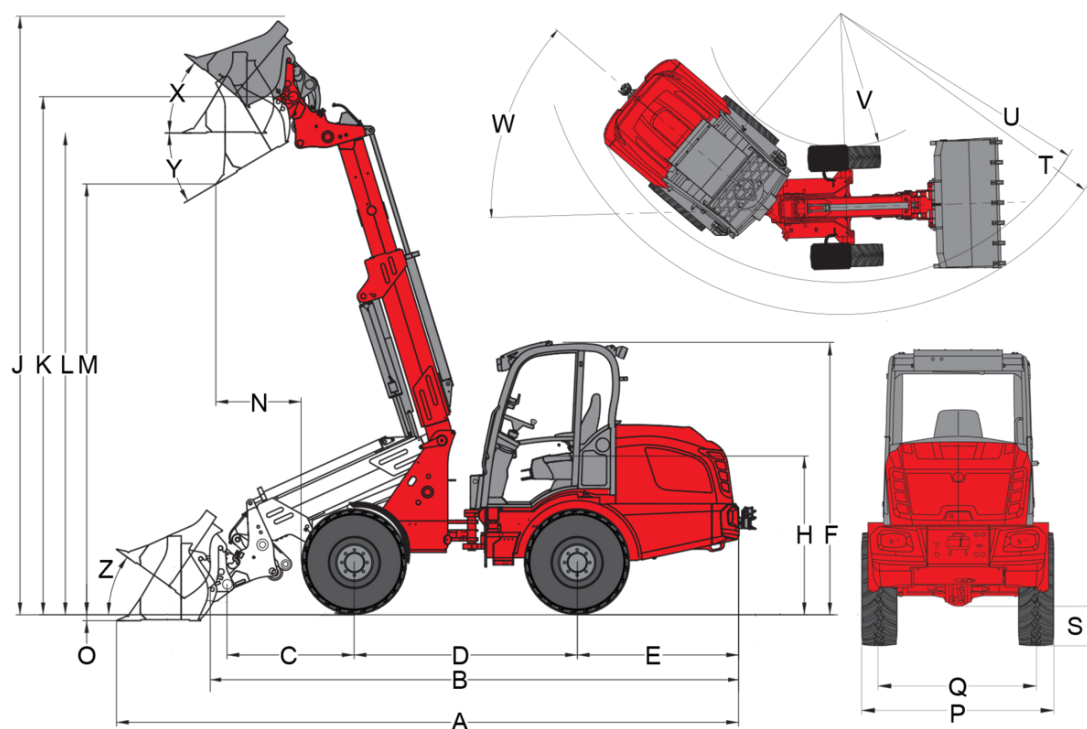
##### ■ Other information

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) / axle PA1400	Telescopic arm (Z-kinematics) / axle PA1422
	Standard components	12.5/80 - 18 AS ET75	12.5-20 MPT ET0
<b>A</b>	Total length	235.4 in	235.4 in
<b>B</b>	Total length without bucket	203.6 in	203.6 in
<b>C</b>	Bucket pivot point (to center of axle)	49.1 in	49.1 in
<b>D</b>	Wheel base	86.2 in	86.2 in
<b>E</b>	Rear overhang	60.3 in	60.3 in
<b>F</b>	Height with lowered operator's canopy		
	Height with operator's canopy raised		
	Height with cab lowered	96.8 in	97.8 in
	Height with cab raised	103.5 in	104.6 in
	Height with cab		
<b>H</b>	Seat height	60.8 in	61.9 in
<b>J</b>	Total working height	229.9 in	230.9 in
<b>K</b>	Bucket pivot point (max. lift height)	197.6 in	199.8 in
<b>L1</b>	Load-over height telescopic arm retracted		
<b>L</b>	Load-over height telescopic arm extended	184.8 in	
	Load-over height		
<b>M1</b>	Dumping height telescopic arm retracted		
<b>M</b>	Dumping height		
	Dumping height telescopic arm extended	164.2 in	165.3 in
<b>N</b>	Reach (at M)	27.8 in	26.7 in
<b>O</b>	Digging depth	3.3 in	4.3 in
<b>P</b>	Total width	61.3 in	68.8 in
<b>Q</b>	Track width	49.2 in	56.0 in
<b>S</b>	Ground clearance	13.0 in	14.3 in
<b>T</b>	Maximum radius	170.1 in	170.1 in
<b>U</b>	Radius on the outer edge	151.1 in	151.1 in
<b>V</b>	Inner radius	80.8 in	77.0 in
<b>W</b>	Articulation angle	42 °	42 °
<b>X</b>	Rollback angle at max. lift height	40 °	40 °
<b>Y</b>	Dumping angle	36 °	36 °
<b>Z</b>	Rollback angle on ground	36 °	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.