



WEIDEMANN

designed for work



## 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

Tank capacity for hydraulic oil

17.44 US gal

##### ■ 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

##### ■ 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

##### ■ 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 LwA (cabin)	99.9 dB(A)
Guaranteed sound power level LwA (cabin)	101 dB(A)
Specified sound pressure level LpA (cabin)	74 dB(A)

##### ■ Driver's cab

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

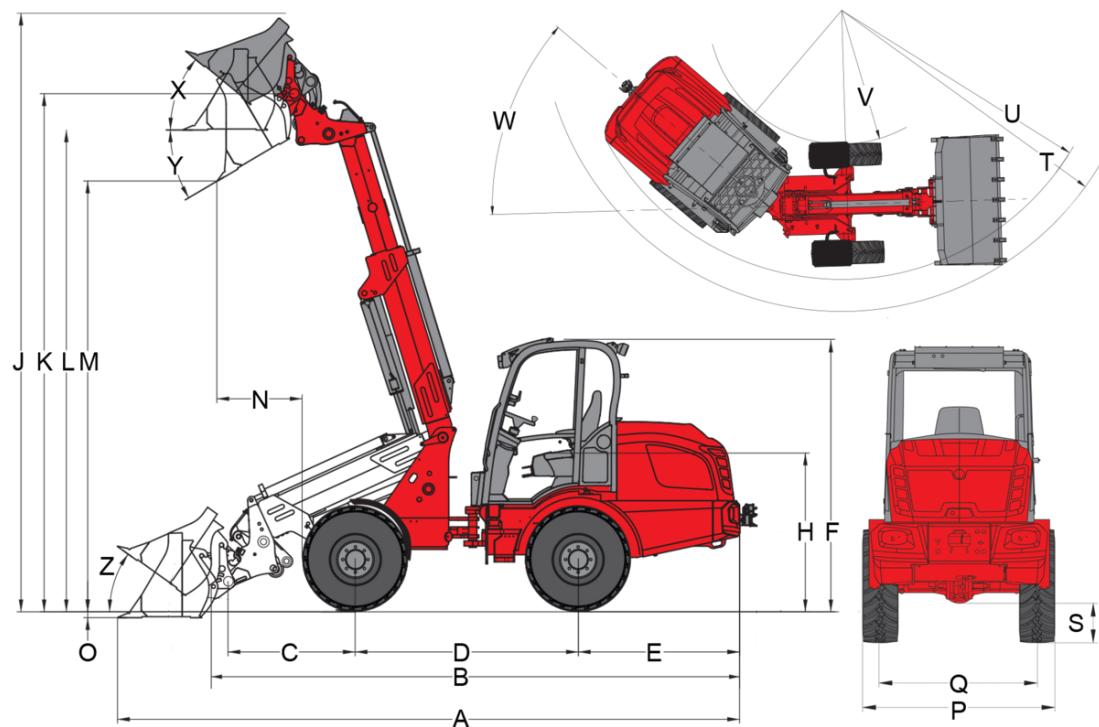
Tank capacity for fuel	21.66 US gal
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FSD = operator's canopy  
DPF = diesel particulate filter  
DOC = diesel oxidation catalyst

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.



## 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 ETO
<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 °

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