



9580T

Telescopic wheel loaders

Technical data

■ Standard engine data

Engine manufacturer	Deutz
Motor type	TCD 3.6 S5
Cylinder	4
Drive output	100 kW
Drive output	134.1 HP
at max. rpm	2,300 rpm
Cylinder capacity	220.97 in ³
Type of coolant	Water/charge air
Exhaust standard level	V
Exhaust aftertreatment	DOC/DPF/SCR

■ Engine data Option 1

Engine manufacturer	Deutz
Motor type	TCD 4.1 S5
Cylinder	4
Drive output	154.2 HP
at max. rpm	2,300 rpm
Cylinder capacity	246.41 in ³
Type of coolant	Water/charge air
Exhaust standard level	V
Exhaust aftertreatment	DOC/DPF/SCR

■ Electrical system

Operating voltage	12 V
Battery	185 Ah
Alternator	120 A

■ Weights

Operating weight	24,714 lb
Tipping load with bucket – machine straight, loading frame horizontal	14,537 lb
Tipping load with bucket – machine pivoted, loading frame horizontal	12,943 lb

Tipping load with bucket – machine straight (extended)	7,705 lb
Tipping load with bucket – machine pivoted (extended)	6,861 lb
Tipping load with pallet fork – machine straight, loading frame horizontal	12,732 lb
Tipping load with pallet fork – machine pivoted, loading frame horizontal	11,336 lb
Tipping load with pallet fork – machine straight (extended)	7,198 lb
Tipping load with pallet fork – machine pivoted (extended)	6,409 lb

■ Driver's cab

Driver's cab	Cab
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■ Filling levels

Tank capacity for fuel	36.98 US gal
Tank capacity for hydraulic oil	33.02 US gal
Tank capacity for urea solution	3.17 US gal

■ Drive system

Type of drive	Hydrostatic
drive unit	universal joint shaft
Speed levels	3
Axle	PA 1900
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	Multi-disc brake on front axle acting on rear axle via universal joint shaft
Parking brake	Electro-hydraulic multi-disc brake with spring suspension on the front axle, acting on rear axle via universal joint shaft
Differential lock	100 % front axle + rear axle

■ Hydraulic system

Drive hydraulics working pressure (max.)	6962 psi
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Work hydraulics discharge volume (max.)	39,63 (47,55) gpm
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Work hydraulics working pressure (max.)	3626 psi
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■ Kinematics

Lifting cylinder	1
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Tipping cylinder	1
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Quick change system	hydraulic
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■ Steering

Steering type	Hydraulic articulated joint with oscillating axle
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Steering cylinder	2
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Oscillating angle of the rear axle	± 12 degree
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■ Noise characteristic values

Average sound power level L _{WA} (cabin)	100.7 dB(A)
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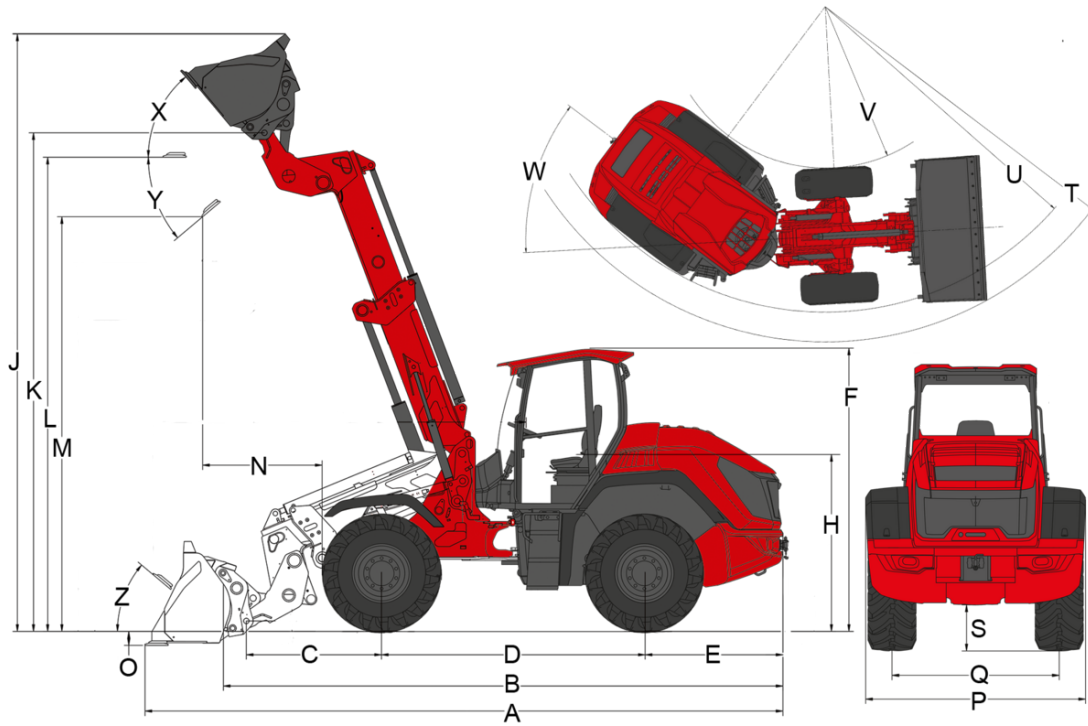
Guaranteed sound power level L _{WA} (cabin)	102 dB(A)
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Specified sound pressure level L _{pA} (cabin)	70 dB(A)
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■ Other information

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)

A	Total length	274.0 in
B	Total length without bucket	239.8 in
C	Bucket pivot point (to center of axle)	56.7 in
D	Wheel base	114.2 in
E	Rear overhang	59.8 in
F	Height with cab	122.4 in
H	Seat height	76.4 in
J	Total working height	255.9 in
K	Bucket pivot point (max. lift height)	215.7 in
L1	Load-over height telescopic arm retracted	160.2 in
L	Load-over height telescopic arm extended	205.1 in
M1	Dumping height telescopic arm retracted	135.4 in
M	Dumping height telescopic arm extended	180.3 in
N	Reach (at M)	51.2 in
O	Digging depth	5.1 in
P	Total width	94.1 in
Q	Track width	71.7 in
S	Ground clearance	19.8 in
T	Maximum radius	227.2 in
U	Radius on the outer edge	192.9 in
V	Inner radius	96.5 in
W	Articulation angle	40 °
X	Rollback angle at max. lift height	50 °
Y	Dumping angle	40 °
Z	Rollback angle on ground	40 °