



T4512 Telehandlers

Technical Data

■ Standard engine data

Engine manufacturer	Yanmar
Motor type	3TNV80FT
Cylinder	3
Drive output	18.4 kW
Drive output	24.7 HP
at max. rpm	2,600 rpm
Cylinder capacity	74.82 in ³
Type of coolant	Water
Exhaust standard level	V
Exhaust aftertreatment	-
Average sound power level LwA (cabin)	93.5 dB(A)
Guaranteed sound power level LwA (cabin)	94 dB(A)
Specified sound pressure level LpA (cabin)	78 dB(A)

Battery 77 Ah

Alternator 80 A

■ Weights

Payload (max.)	2,756 lb
Operating weight	6,063 - 6,393 lb

■ Driver's cab

Driver's cab Cab

■ Filling levels

Tank capacity for fuel	8.72 US gal
Tank capacity for hydraulic oil	9.51 US gal

■ Drive system

Type of drive	ecDrive (Electronic Controlled Drive)
drive unit	hydrostatic via transfer case and cardan shaft
Speed levels	2
Axle	PAL 1155
Travel speed Standard	0-12,43 mph
Travel speed Option 1	0-18,64 mph
Operating brake	Hydraulically actuated disc brake on front axle acting on rear axle via cardan shaft
Parking brake	Electro-hydraulic spring-loaded brake on front axle, acting on rear axle via cardan shaft
Differential lock	100% front axle rear axle

■ Hydraulic system

Drive hydraulics working pressure (max.)	5511 psi
Work hydraulics discharge volume (max.)	9,62 (10,99-18,49) gpm
Work hydraulics working pressure (max.)	3191 psi

■ Kinematics

Lifting cylinder	1
Tipping cylinder	1
Quick change system	mechanical (hydraulic)

■ Electrical system

Operating voltage	12 V
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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.

■ Steering

Steering type	Hydraulic all-wheel steering with end position synchronization
Steering cylinder	2
Steering angle max.	2x38 degree

Oscillating angle of the rear axle ± 7 degree

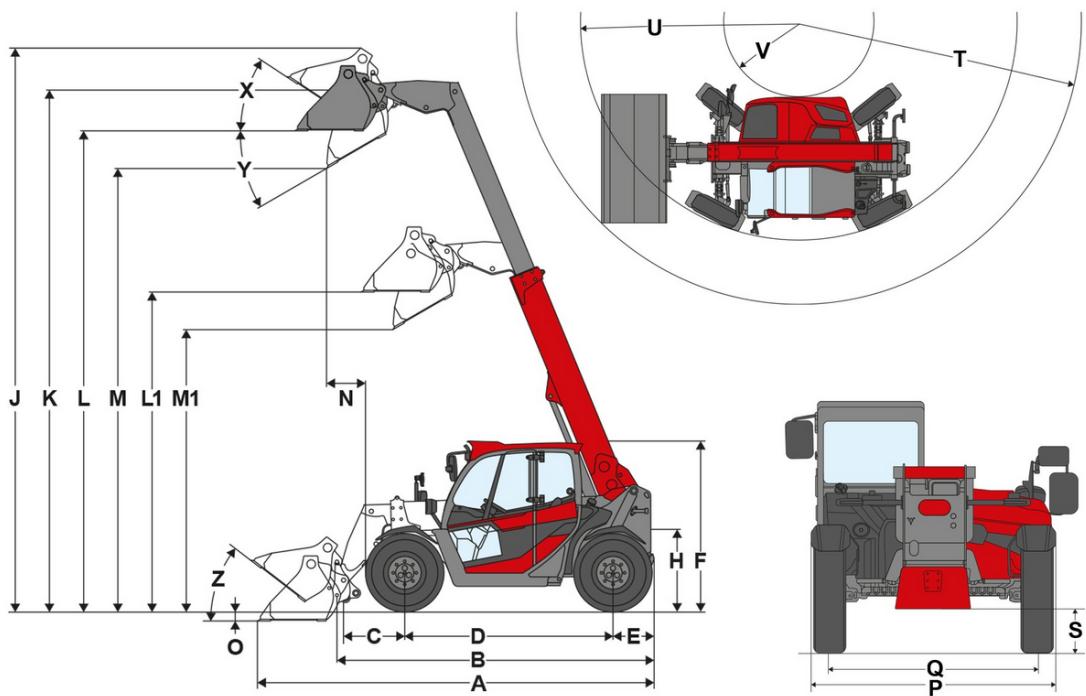
■ Other information

DPF = Diesel Particulate Filter

DOC = Diesel oxidation catalyst

SCR = Selective Catalytic Reduction

Dimensions



Standard components	10.0/75-15.3 AS ET-40 Starco
A Total length	155.28 in
B Total length without bucket	117.76 in
C Bucket pivot point (to center of axle)	17.72 in
D Wheel base	75.67 in
E Rear overhang	16.81 in
F Height with cab lowered	78.54 in
Height with cab	10.0/75-15.3 AS ET-40 Starco
Height with cab raised	38.50 in
G Seat height	78.54 in
H Total working height	207.87 in
I Bucket pivot point (max. lift height)	178.62 in
J Load-over height telescopic arm retracted	116.10 in
K Load-over height telescopic arm extended	163.90 in
L Dumping height telescopic arm retracted	95.08 in
M Dumping height telescopic arm extended	142.91 in
N Reach (at M)	21.93 in
O Digging depth	3.58 in
P Total width	61.57 in
Q Track width	49.02 in
R Ground clearance	11.57 in
T Maximum radius	138.03 in
U Radius on the outer edge	106.10 in
V Inner radius	37.44 in
X Rollback angle at max. lift height	52 °
Y Dumping angle	31 °
Z Rollback angle on ground	44 °