



T6025 Telehandlers

Technical Data

■ Standard engine data

Engine manufacturer	Perkins
Motor type	404J-E22T
Cylinder	4
Drive output	45 kW
Drive output	60.3 HP
at max. rpm	2,400 rpm
Cylinder capacity	135.2 in ³
Type of coolant	Water
Exhaust standard level	V
Exhaust aftertreatment	DOC/DPF
Average sound power level LwA (cabin)	94 dB(A)
Guaranteed sound power level LwA (cabin)	97 dB(A)
Specified sound pressure level LpA (cabin)	70 dB(A)

■ Engine data Option 1

Engine manufacturer	Perkins
Motor type	404J-E22TA
Cylinder	4
Drive output	55 kW
Drive output	73.8 HP
at max. rpm	2,400
Cylinder capacity	135.2 in ³
Type of coolant	Water
Exhaust standard level	V
Exhaust aftertreatment	DOC/DPF
Average sound power level LwA (cabin)	95.6 dB(A)
Guaranteed sound power level LwA (cabin)	97 dB(A)
Specified sound pressure level LpA (cabin)	71 dB(A)

■ Electrical system

Operating voltage	12 V
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Battery	77 Ah
Alternator	120 A

■ Weights

Payload (max.)	5,512 lb
Operating weight	10,252 lb

■ Driver's cab

Driver's cab	Cab
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■ Filling levels

Tank capacity for fuel	25.10 US gal
Tank capacity for hydraulic oil	7.66 US gal

■ Drive system

Type of drive	ecDrive (Electronic Controlled Drive)
drive unit	hydrostatic via transfer gearbox and universal joint shaft
Speed levels	2
Axle	PAL 1660
Travel speed Standard	0-12.43 mph
Travel speed Option 1	0-15.53 mph
Travel speed Option 2	0-21.75 mph
Operating brake	disc brake
Parking brake	disc brake
Differential lock	100% front axle

■ Hydraulic system

Drive hydraulics working pressure (max.)	5,947 (6,817) psi
Work hydraulics discharge volume (max.)	19.81 gpm
Work hydraulics working pressure (max.)	3626 psi

■ Kinematics

Lifting cylinder	1
Tipping cylinder	1
Quick change system	Mechanical (hydraulically activated)

■ **Steering**

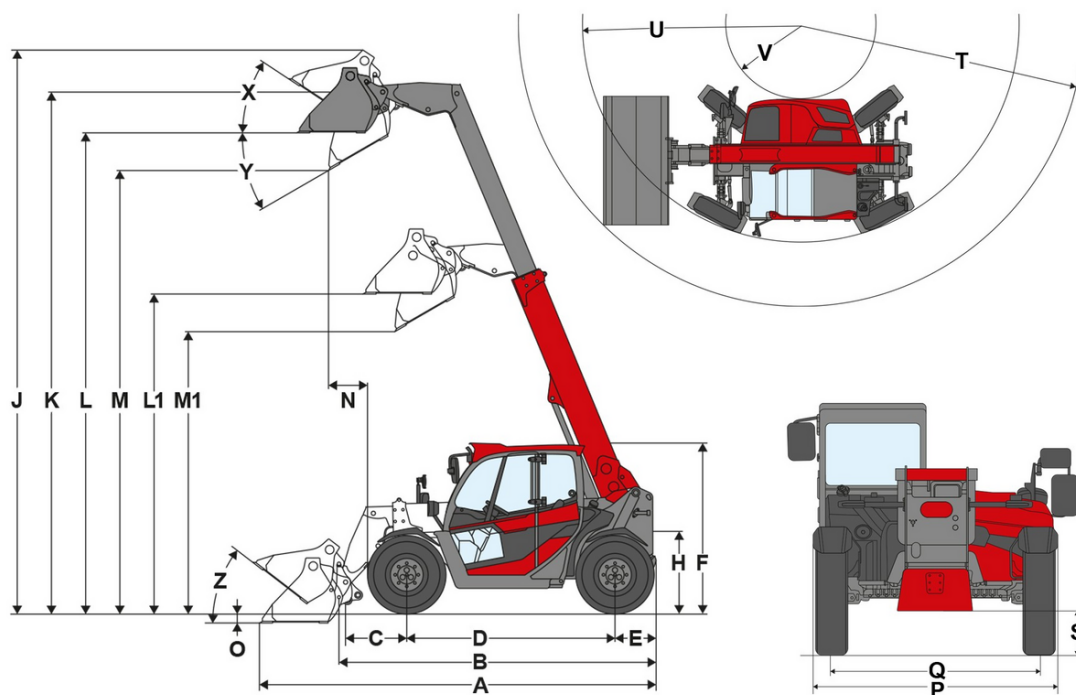
Steering type	Hydrostatic all-wheel steering with end position synchronization
Steering cylinder	2
Steering angle max.	2x38 degree

Oscillating angle of the rear axle ± 8 degree

■ **Other information**

DPF = diesel particulate filter
DOC = diesel oxidation catalyst
SCR = selective catalytic reduction

Dimensions



	Standard components	10.5 / 80 - 18 BKT AS ET17
A	Total length	183.7 in
B	Total length without bucket	153.0 in
C	Bucket pivot point (to center of axle)	28.3 in
D	Wheel base	96.4 in
E	Rear overhang	19.2 in
F	Height with cab	78.5 in
H	Seat height	37.7 in
J	Total working height	260.6 in
K	Bucket pivot point (max. lift height)	241.1 in
L1	Load-over height telescopic arm retracted	147.5 in
L	Load-over height telescopic arm extended	222.1 in
M1	Dumping height telescopic arm retracted	130.2 in
M	Dumping height telescopic arm extended	204.8 in
N	Reach (at M)	17.9 in
O	Digging depth	4.8 in
P	Total width	74.8 in
Q	Track width	65.4 in
S	Ground clearance	11.2 in
T	Maximum radius	170.7 in
U	Radius on the outer edge	131.8 in
V	Inner radius	45.7 in
X	Rollback angle at max. lift height	34 °
Y	Dumping angle	30 °
Z	Rollback angle on ground	38 °