



1390

Hoftrac

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 (operator's canopy)	99.3 dB(A)
Guaranteed sound power level LwA (operator's canopy)	101 dB(A)
Specified sound pressure level LpA (operator's canopy)	84 dB(A)
Average sound power level LwA (cabin)	99.3 dB(A)
Guaranteed sound power level LwA (cabin)	101 dB(A)
Specified sound pressure level LpA (cabin)	80 dB(A)

Specified sound pressure level LpA (operator's canopy) 84 dB(A)

Average sound power level LwA (cabin) 98.1 dB(A)

Guaranteed sound power level LwA (cabin) 100 dB(A)

Specified sound pressure level LpA (cabin) 80 dB(A)

■ Engine data Option 2

Engine manufacturer	Yanmar
Motor type	3TNV86CHT
Cylinder	3
Drive output	40.1 kW
Drive output	53.8 HP
at max. rpm	2,600 rpm
Cylinder capacity	95.69 in ³
Type of coolant	Water
Exhaust standard level	V
Exhaust aftertreatment	DOC/DPF
Average sound power level LwA (cabin)	97.7 dB(A)
Guaranteed sound power level LwA (cabin)	100 dB(A)
Specified sound pressure level LpA (cabin)	76 dB(A)

■ Engine data Option 1

Engine manufacturer	Yanmar
Motor type	3TNV86CHT
Cylinder	3
Drive output	33.3 kW
Drive output	44.7 HP
at max. rpm	2,600 rpm
Cylinder capacity	95.69 in ³
Type of coolant	Water
Exhaust standard level	V
Exhaust aftertreatment	DOC/DPF
Average sound power level LwA (operator's canopy)	98.1 dB(A)
Guaranteed sound power level LwA (operator's canopy)	100 dB(A)

Operating voltage 12 V

Battery 77 Ah

Alternator 80 A

■ Weights

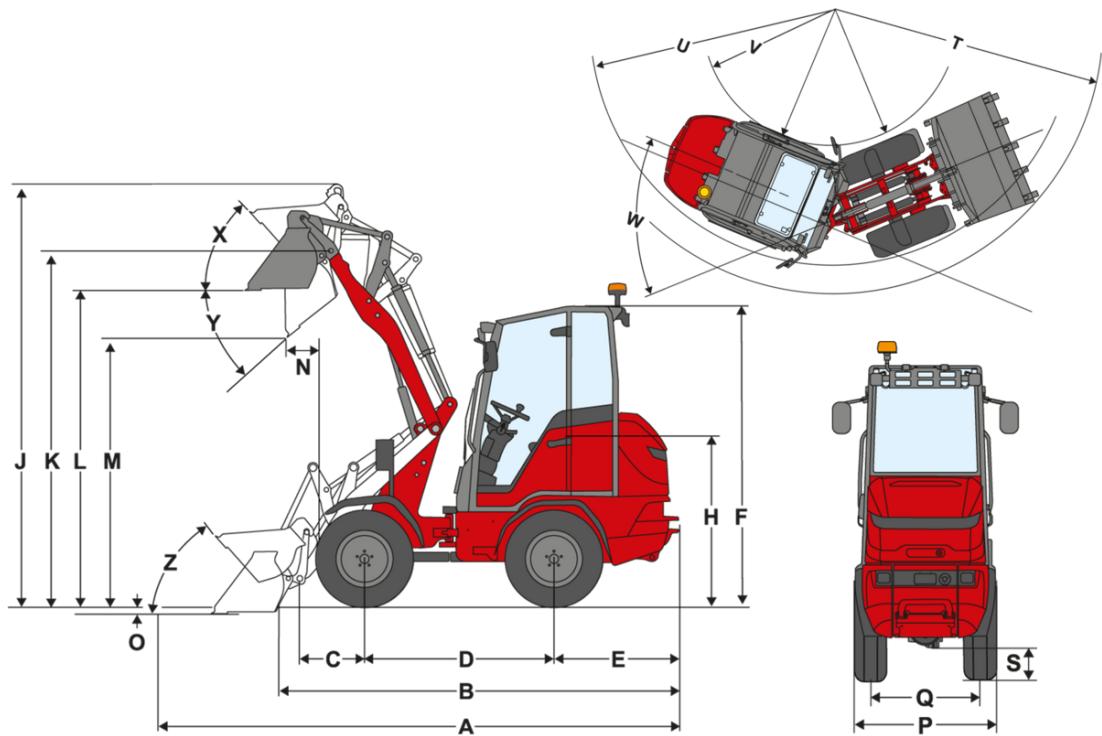
Operating weight	6,063 - 7,121 lb
Thrust force (max.)	2,158 - 3,492 daN
Lift capacity (max.)	2,448 - 3,592 daN
Tipping load with bucket - machine straight, loading frame horizontal	3,395 - 5,004 lb
Tipping load with bucket - machine pivoted, loading frame horizontal	2,756 - 4,211 lb
Tipping load with bucket - machine straight, loading frame in lowest position	5,004 - 8,576 lb

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.

Tipping load with bucket - machine pivoted, loading frame in lowest position	4,123 - 7,253 lb	Parking brake	Electro-hydraulic multi-disc brakes with spring suspension in the front axle acting on rear axle via articulated universal joint shaft
Tipping load with pallet fork – machine straight, loading frame horizontal	2,844 - 4,167 lb	Differential lock	100% VA + HA (option)
Tipping load with pallet fork – machine pivoted, loading frame horizontal	2,315 - 3,528 lb	■ Hydraulic system	
Tipping load with pallet fork - machine straight, transport position	3,329 - 5,159 lb	Drive hydraulics working pressure (max.)	5,511 (5,802-6,817) psi
Tipping load with pallet fork - machine pivoted, transport position	2,756 - 4,365 lb	Work hydraulics discharge volume (max.)	10.99 (13.08-22.19) gpm
		Work hydraulics working pressure (max.)	3,046 psi
■ Driver's cab			
Driver's cab	FSD (eps, cabin)	■ Kinematics	
■ Filling levels		Kinematics type	P (PZ)
Tank capacity for fuel	13.21 US gal	Lifting cylinder	2
Tank capacity for hydraulic oil	7.93 US gal	Tipping cylinder	1
■ Drive system		Quick change system	hydraulic
Type of drive	ecDrive (Electronic Controlled Drive)	■ Steering	
drive unit	Hydrostatic via transfer gearbox and universal joint shaft	Steering type	hydraulically activated articulated pendulum steering
Speed levels	2	Steering cylinder	1
Axle	T94 (PA940)	Oscillating angle	± 8 degree
Travel speed Standard	0-12.43 mph	■ Other information	
Travel speed Option 1	0-18.64 mph	FSD = operator's canopy	
Operating brake	Multi-disc brake on front axle acting on rear axle via universal joint shaft	eps = Easy Protection System (fold-down operator's canopy)	
		DPF = diesel particulate filter	
		DOC = diesel oxidation catalyst	
		Tipping load calculation pursuant to ISO 14397	

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Dimensions



	P-kinematics (standard)	P-kinematics (long)	PZ-kinematics
Standard components	10.0/75 - 15.3 AS ET40	10.0/75 - 15.3 AS ET40	10.0/75 - 15.3 AS ET40
A Total length	176.0 in	189.8 in	182.3 in
B Total length without bucket	140.6 in	153.9 in	146.9 in
C Bucket pivot point (to center of axle)	23.7 in	34.6 in	28.3 in
D Wheel base	68.2 in	68.2 in	68.2 in
E Rear overhang	48.4 in	48.4 in	48.4 in
F Height with operator's canopy fixed	91.3 in	91.3 in	91.3 in
Height with fold-down operator's canopy (eps)	93.5 in	93.5 in	93.5 in
Height with fold-down operator's canopy, folded down (eps)	73.6 in	73.6 in	73.6 in
Height with cab	92.1 in	92.1 in	92.1 in
H Seat height	52.4 in	52.4 in	52.4 in
J Total working height	144.1 in	154.7 in	150.8 in
K Bucket pivot point (max. lift height)	118.3 in	126.0 in	126.0 in
L Load-over height	105.5 in	113.4 in	113.4 in
M Dumping height	83.5 in	91.7 in	93.7 in
N Reach (at M)	9.3 in	19.3 in	15.7 in
O Digging depth	3.1 in	5.1 in	5 in
P Total width	44.3 in	44.3 in	44.3 in
Q Track width	33.9 in	33.9 in	33.9 in
S Ground clearance	9.8 in	9.8 in	9.8 in
T Maximum radius	118.1 in	124.0 in	131.5 in
U Radius on the outer edge	106.7 in	106.7 in	117.3 in
V Inner radius	59.8 in	59.8 in	71.3 in
W Articulation angle	45 °	45 °	40 °
X Rollback angle at max. lift height	42 °	65 °	57 °
Y Dumping angle	43 °	42 °	37 °
Z Rollback angle on ground	51 °	56 °	50 °