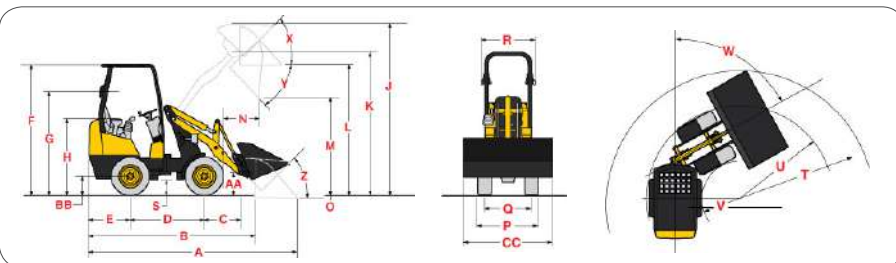


SPECIFICATIONS

SPECIFICATIONS	140 – 4-Post	340 – 2-Post w/ FOPS Protection	340 – 4-Post	340 – Cab	440 – 2-Post w/ FOPS Protection	440 – 4-Post	540 – 2-Post w/ FOPS Protection	540 – 4-Post	540 – Cab
DIMENSIONS	A. Length with Bucket on Ground	3419 mm	4050 mm	4050 mm	4050 mm	4224 mm	4224 mm	4511 mm	4511 mm
	B. Shipping Length	2741 mm	3351 mm	3351 mm	3351 mm	3550 mm	3550 mm	3790 mm	3790 mm
	C. Front Wheel Center to Pivot Pin	489 mm	517 mm	517 mm	517 mm	570 mm	570 mm	723 mm	723 mm
	D. Wheelbase	1348 mm	1627 mm	1627 mm	1627 mm	1617 mm	1617 mm	1741 mm	1741 mm
	E. Rear Overhang	738 mm	1065 mm	1065 mm	1065 mm	1184 mm	1184 mm	1184 mm	1184 mm
	F. Height to Top of Cab / Canopy	2340 mm	2451 mm	2257 mm	2257 mm	2504 mm	2310 mm	2504 mm	2310 mm
	G. Height with FOPS Removed and ROPS Folded		1780 mm			1840 mm		1840 mm	
	H. Hood Height	1359 mm	1468 mm	1468 mm	1468 mm	1521 mm	1521 mm	1521 mm	1521 mm
	J. Maximum Reach Height	3277 mm	3415 mm	3415 mm	3415 mm	3550 mm	3550 mm	3617 mm	3617 mm
	K. Bucket Hinge Pin Height	2705 mm	2855 mm	2855 mm	2855 mm	3002 mm	3002 mm	3055 mm	3055 mm
	L. Ground Plane to Bucket Edge Height	2504 mm	2650 mm	2650 mm	2650 mm	2770 mm	2770 mm	2860 mm	2860 mm
	M. Dump Clearance at Full Height	1969 mm	2143 mm	2143 mm	2143 mm	2215 mm	2215 mm	2300 mm	2300 mm
	N. Dump Reach at Full Height	394 mm	312 mm	312 mm	312 mm	267 mm	267 mm	445 mm	445 mm
	P. Width over Tires (Min./Max.)	900 / 1049 mm	1060 / 1380 mm	1060 / 1380 mm	1060 / 1380 mm	1190 / 1465 mm	1190 / 1465 mm	1190 / 1465 mm	1190 / 1465 mm
	R. ROPS Width	786 mm	990 mm	1030 mm	1081 mm	985 mm	1030 mm	985 mm	1030 mm
	S. Ground Clearance	191 mm	244 mm	244 mm	244 mm	246 mm	246 mm	265 mm	265 mm
	T. Turning Radius with Bucket	2530 mm	3000 mm	3000 mm	3000 mm	3123 mm	3123 mm	3220 mm	3220 mm
	U. Outer Turning Radius	2100 mm	2630 mm	2630 mm	2630 mm	2643 mm	2643 mm	2750 mm	2750 mm
	V. Inner Turning Radius	1120 mm	1322 mm	1322 mm	1322 mm	1365 mm	1365 mm	1365 mm	1365 mm
	W. Articulation Angle from Center	45°	45°	45°	45°	45°	45°	45°	45°
	X. Rollback at Height	40°	39.7°	39.7°	39.7°	45°	45°	45°	45°
Y. Maximum Dump Angle at Full Height	45°	43°	43°	43°	53°	53°	47°	47°	
Z. Bucket Rollback at Ground	40°	37°	37°	37°	40°	40°	40°	40°	
AA. Attachment Pivot Clearance	197 mm	215 mm	215 mm	215 mm	203 mm	203 mm	212 mm	212 mm	
BB. Wheel Radius	324 mm	383 mm	383 mm	383 mm	385 mm	385 mm	405 mm	405 mm	
CC. Bucket Width - standard	1118 mm	1372 mm	1372 mm	1372 mm	1524 mm	1524 mm	1524 mm	1524 mm	
ENGINE	Engine Manufacturer	Yanmar	Yanmar	Yanmar	Yanmar	Yanmar	Yanmar	Yanmar	Yanmar
	Model / Number of Cylinders	3TNV76* / 3	3TNV88* / 3	3TNV88* / 3	3TNV88* / 3	4TNV88* / 4	4TNV88* / 4	4TNV88* / 4	4TNV88* / 4
	Displacement	1.1 cm ³	1.6 cm ³	1.6 cm ³	1.6 cm ³	2.2 cm ³	2.2 cm ³	2.2 cm ³	2.2 cm ³
	Net Power (kw) @ 2800 rpm	23.9 hp (17.8)	35 hp (26)	35 hp (26)	35 hp (26)	47 hp (35)	47 hp (35)	47 hp (35)	47 hp (35)
LOAD CAPACITIES	Rated Operating Capacity with Bucket ¹	435 kg	798 kg	834 kg	860 kg	901 kg	901 kg	1118 kg	1165 kg
	Static Tipping Load with Bucket								
	Straight	875 kg	1597 kg	1670 kg	1721 kg	1802 kg	1839 kg	1993 kg	2151 kg
	Full Turn	702 kg	1244 kg	1280 kg	1319 kg	1181 kg	1205 kg	1357 kg	1433 kg
	Static Tipping Load with Pallet Forks								
	Straight	666 kg	1098 kg	1169 kg	1247 kg	1332 kg	1480 kg	1532 kg	1669 kg
	Full Turn	523 kg	857 kg	909 kg	977 kg	874 kg	971 kg	1041 kg	1111 kg
Bucket Breakout	10.8 kN	25.4 kN	25.4 kN	25.4 kN	24.12 kN	24.12 kN	47.8 kN	47.8 kN	
Operating Weight	1744 kg	2472 kg	2520 kg	2649 kg	2740 kg	2790 kg	3307 kg	3388 kg	
HYDRAULICS	Work Hydraulic System Flow	30 L/min	45 L/min	45 L/min	45 L/min	57 L/min	57 L/min	57 L/min	57 L/min
	Work Hydraulic System Pressure	207 bar	207 bar	207 bar	207 bar	207 bar	207 bar	207 bar	207 bar
	Drive Hydraulic System Pressure	320 bar	345 bar	345 bar	345 bar	410 bar	410 bar	410 bar	410 bar
	Drive Hydraulic Reservoir Capacity	34 L	26 L	26 L	26 L	42 L	42 L	42 L	42 L
OTHER	Battery	850 CCA	850 CCA	850 CCA	850 CCA	850 CCA	850 CCA	850 CCA	850 CCA
	Fuel Tank Capacity	26 L	57 L	57 L	57 L	68 L	68 L	68 L	68 L
	Travel Speed	12.5 km/hr	18.5 km/hr	18.5 km/hr	18.5 km/hr	20 km/hr	20 km/hr	20 km/hr	20 km/hr
	Tire Size	27x10.50-15	10x16.5 EM	10x16.5 EM	10x16.5 EM	12.00x16.5	12.00x16.5	31x15.5x16.5	31x15.5x16.5
SOUND	Sound Power	<101 dB(A)	<101 dB(A)	<101 dB(A)	<101 dB(A)	<101 dB(A)	<101 dB(A)	<101 dB(A)	<101 dB(A)
	Sound Pressure	<87 dB(A)	<87 dB(A)	<87 dB(A)	<87 dB(A)	<87 dB(A)	<87 dB(A)	<87 dB(A)	<87 dB(A)
VIBRATION	Hand-Arm	1.37 m/s ²	1.15 m/s ²	1.15 m/s ²	1.15 m/s ²	3.18 m/s ²	3.18 m/s ²	3.18 m/s ²	3.18 m/s ²
	Hand-Arm Action Value	2.5 m/s ²	2.5 m/s ²	2.5 m/s ²	2.5 m/s ²	2.5 m/s ²	2.5 m/s ²	2.5 m/s ²	2.5 m/s ²
	Whole Body	0.82 m/s ²	0.89 m/s ²	0.89 m/s ²	0.89 m/s ²	0.71 m/s ²	0.71 m/s ²	0.71 m/s ²	0.71 m/s ²
	Whole Body Action Value	0.5 m/s ²	0.5 m/s ²	0.5 m/s ²	0.5 m/s ²	0.5 m/s ²	0.5 m/s ²	0.5 m/s ²	0.5 m/s ²

REFERENCE DIAGRAMS



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Gehl Company reminds users to read and understand the operator's manual before operating any equipment. Also, make sure all safety devices and shields are in place and functioning properly.

Gehl reserves the right to add improvements or make changes in specifications at any time without notice or obligation.

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