

# ARTICULATED LOADERS

# GEHL®

340 | 540





# MANEUVER FREELY IN TIGHT PLACES



**IN 1859, AN AGRICULTURAL IMPLEMENT COMPANY, HOUSED IN A BLACKSMITH SHOP, WAS STARTED IN WEST BEND, WISCONSIN.** FROM THESE HUMBLE BEGINNINGS, THE GEHL BRAND HAS BECOME A MAJOR FORCE IN THE COMPACT EQUIPMENT INDUSTRY WORLDWIDE.

Since the beginning, Gehl has focused on providing solutions to our customer's needs by building quality, reliable products. With a long history of reliability and innovation, Gehl is responsive to the equipment and service needs of our customers.

With modern compact equipment manufacturing facilities in Yankton and Madison, South Dakota, and a state-of-the-art research and design facility in West Bend, Wisconsin, Gehl ensures that they are equipped with the finest in technology, tools and materials. And our top corps of engineers are skilled in designing and enhancing high-quality machines to fit the specific needs of our customers. Our equipment is modern in design and performance, but not too complicated to operate or service.

And when you purchase a piece of Gehl equipment, you have an entire organization behind you and your business. When you need support, whether it be financing, parts or service, know that Gehl will be there to provide an exceptional experience. We continually strive to preserve the level of personalized attention that Gehl began with in 1859.

## ARTICULATED LOADERS FROM GEHL ARE TURNING HEADS THROUGHOUT THE COUNTRY.

Versatile and compact, these loaders maneuver freely in tight places while inflicting minimal ground damage. With a wide variety of attachments, these units easily transform from application to application, making your operation more flexible and profitable.



● POWER and ● PERFORMANCE

## GEHL ARTICULATED LOADERS TURN HEADS

● **INTERIM TIER IV YANMAR ENGINES**

340 35 hp (26 kW)  
540 47 hp (35 kW)

● **INCHING PEDAL**

Ground speed can be varied while maintaining a fixed engine speed for precise attachment control.

● **HYDROSTATIC DRIVE**

Provides travel speeds up to 12.4 mph (20 km/hr).

● **45 DEGREES OF ARTICULATION**

Provides excellent maneuverability.

● **SIMPLE HOSE ROUTINGS**

Hydraulic lines and linkages cleverly recess into the lift arm for protection when lift arm is fully raised.

● **10 DEGREE OSCILLATION**

Maintain machine traction by keeping the tires in contact with uneven terrain.

● **DUMP ANGLES**

Dump angles up to 47 degrees allow the operator to empty the bucket faster, improving efficiency and performance.

● **LOADER LINKAGE**



**PARALLEL LINKAGE**

model 340



**Z-BAR LINKAGE**

model 540

● **FOLDABLE ROPS**

Makes the machine height as low as 6'1.3" (1862 mm)  
model 340

● **LIFT HEIGHT**

340 9'4.4" (2855 mm)  
540 10'0.3" (3055 mm)

● **OPERATING CAPACITY**

340 (2-post)	1,760 lbs. (798 kg)
340 (4-post)	1,840 lbs. (834 kg)
340 (cab)	1,897 lbs. (860 kg)
540 (2-post)	2,460 lbs. (1116 kg)
540 (4-post)	2,524 lbs. (1145 kg)
540 (cab)	2,560 lbs. (1161 kg)



● **DIFFERENTIAL LOCK**

Maximizes traction by locking the differentials to transfer torque to all four tires simultaneously.

● **TIGHT TURNING RADIUS**

Minimizes ground damage and tire wear, ensuring that where the front of the machine goes, the rear follows.



● COMFORT and ● SAFETY



**INSTRUMENT PANEL**  
Centered on the steering column for easy system monitoring

**ADJUSTABLE ARM REST**

**2" (51 mm) SEATBELT**  
Optional 3" (76 mm) seatbelt available

**OPERATOR PRESENCE**  
The machine safety system allows operation only when the user is on the seat

**TILTABLE STEERING COLUMN**

● **VISIBILITY** Wide openings in the front and side of the machine provide 360 degree visibility for increased safety and precise placement.

● **MULTI-FUNCTION JOYSTICK** Controls all travel and loader functions from one joystick, allowing the operator to keep one hand on the steering wheel for increased safety and efficiency.

● **EASY ENTRY AND EXIT** Wide opening allows for easy access to the operator station

● OPERATOR STATION COMFORT FEATURES



**VENTILATION**  
Cab doors have an extended latch design



**RADIO OPTION**  
*models 340 and 540, 4-post and cab*



**CLIMATE CONTROL**  
Heat is standard on all cab models. Air conditioning is an option on model 540.



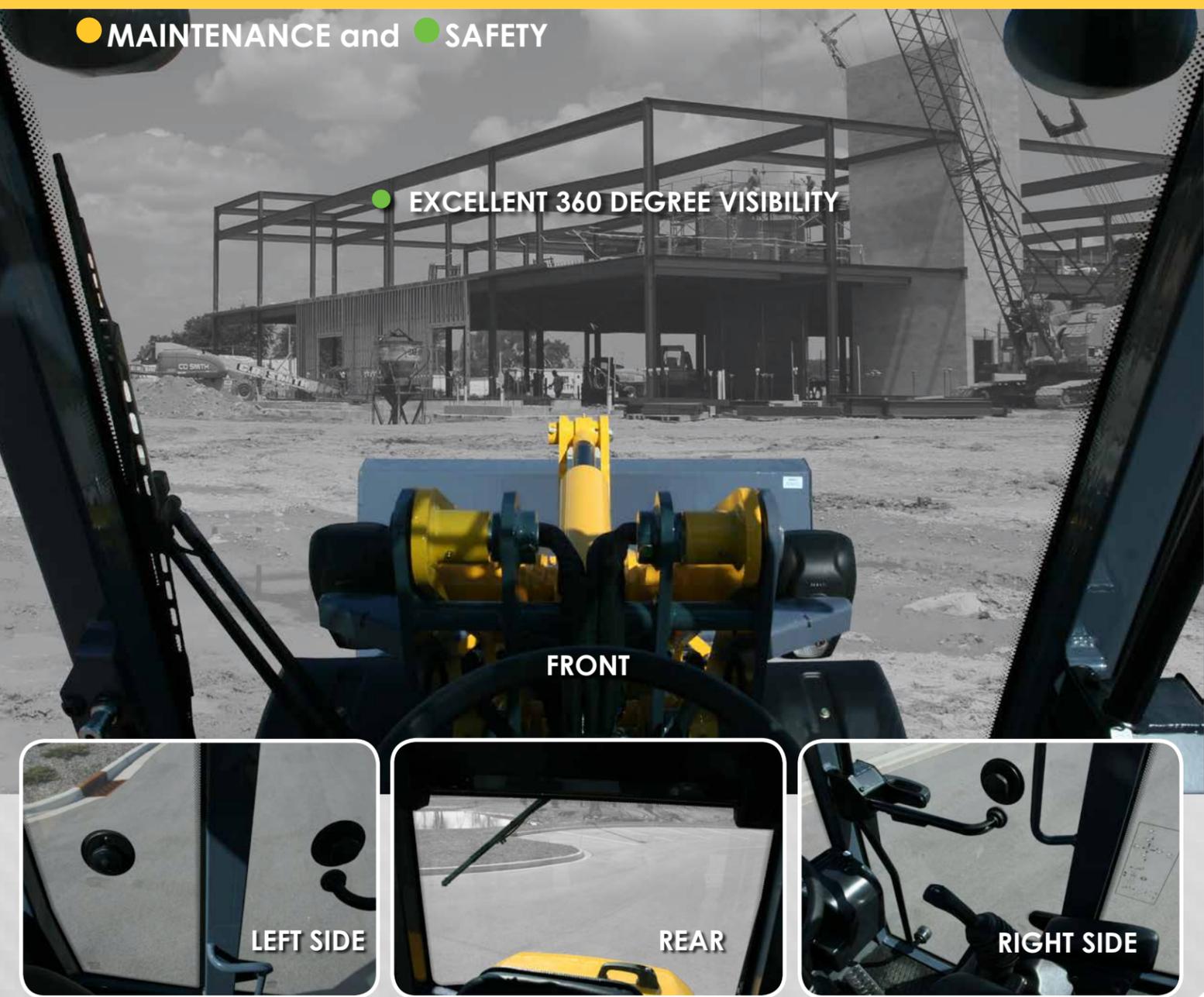
● **ADJUSTABLE SEAT**  
Five-way adjustable seat provides exceptional operator comfort. On canopy and 2-post ROPS models, a drain in the seat provides excellent drainage in wet conditions.

● OPERATOR STATION CONFIGURATIONS



● MAINTENANCE and ● SAFETY

● EXCELLENT 360 DEGREE VISIBILITY



FRONT

LEFT SIDE

REAR

RIGHT SIDE

## EXCELLENT 360 DEGREE VISIBILITY FOR SAFE AND PRECISE OPERATION

Excellent visibility to the front, sides and rear of the machine allow for precise placement of loads and reduced jobsite incidents. A high-mounted seat provides an excellent vantage point to the attachment.

## LESS DOWNTIME PUTS MONEY IN YOUR POCKET

### ● RECESSED HOSES

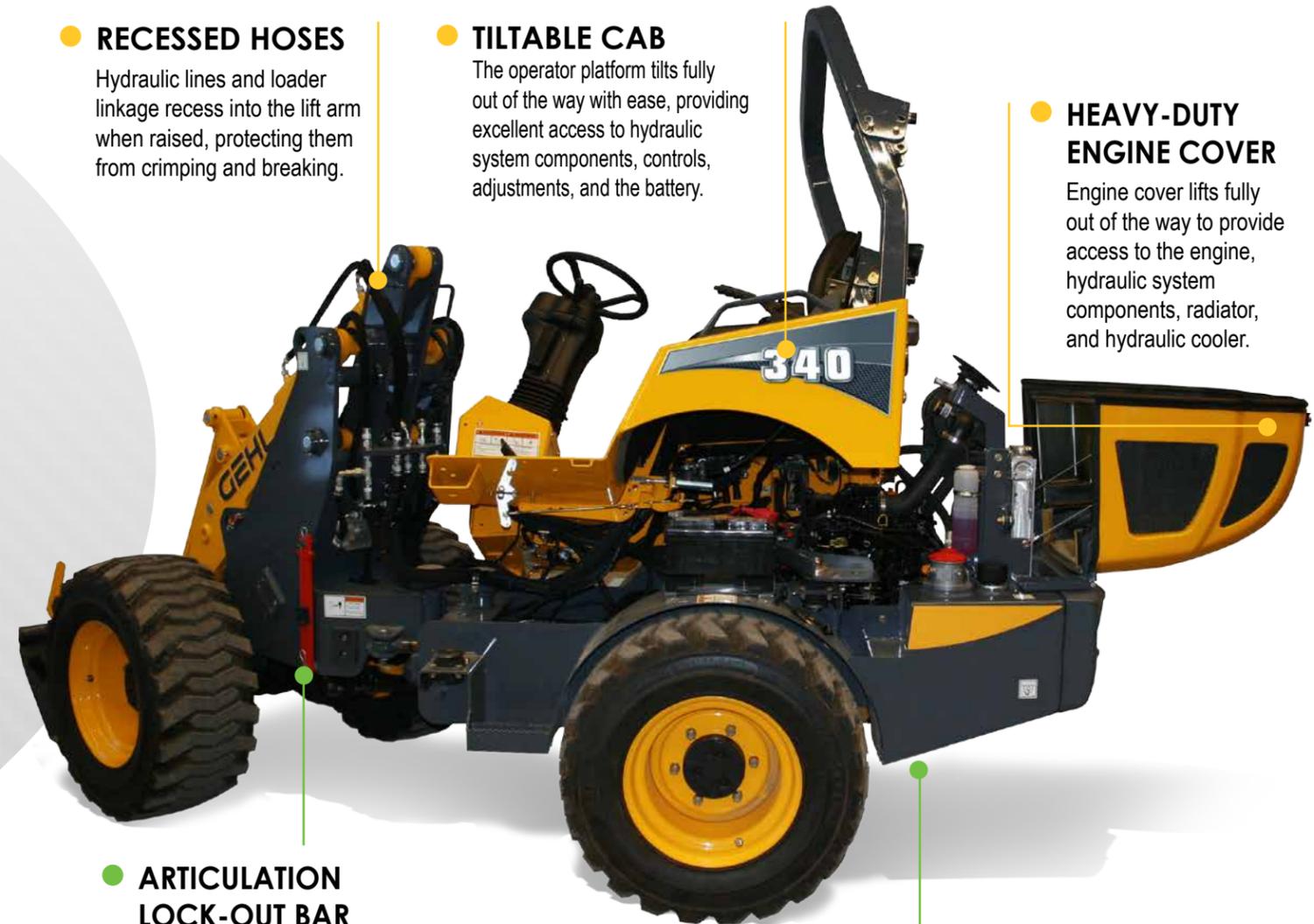
Hydraulic lines and loader linkage recess into the lift arm when raised, protecting them from crimping and breaking.

### ● TILTABLE CAB

The operator platform tilts fully out of the way with ease, providing excellent access to hydraulic system components, controls, adjustments, and the battery.

### ● HEAVY-DUTY ENGINE COVER

Engine cover lifts fully out of the way to provide access to the engine, hydraulic system components, radiator, and hydraulic cooler.



### ● ARTICULATION LOCK-OUT BAR

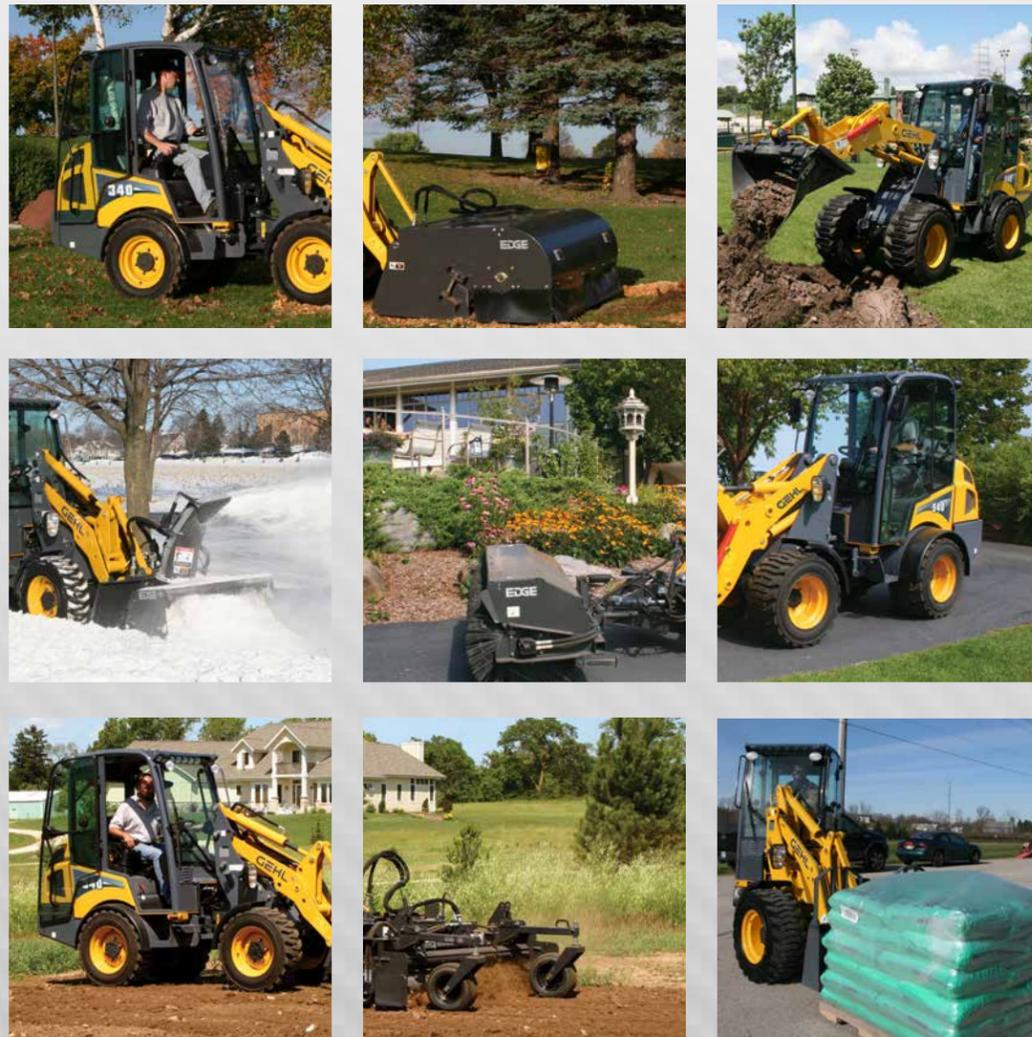
Install for safe transportation, or use to aid in the tilting of the operator platform.

● **LARGE SKID PLATE** Protects the engine area, providing accessible rear tie downs and ground clearance up to 10.4" (265 mm).

## ● ATTACHMENTS

### CRAVE FLEXIBILITY? THEN GEHL ARTICULATED LOADERS ARE THE PERFECT SOLUTION.

Compatible with most allied loader attachments, the articulated loaders from Gehl provide superior loader functionality while minimizing damage to ground surfaces. Perfect for landscape, agriculture, construction or rental - these machines are up for any challenge.



## ● GET ATTACHED

TIME IS PRICELESS ON THE JOBSITE, SO GEHL HAS MADE IT SIMPLE AND FAST TO HOOK UP A WIDE VARIETY OF ATTACHMENTS.



### ● ATTACHMENT MOUNTING SYSTEM

All-Tach® quick-attach system is standard, and works with most allied attachments.

The optional Power-a-Tach® is a hydraulic-powered attachment mounting system.



A WIDE VARIETY OF EDGE ATTACHMENTS ARE AVAILABLE FROM YOUR GEHL DEALER.



	2-POST	4-POST	CAB	2-POST	4-POST	CAB
<b>FEATURES</b>	340		540			
<b>STRUCTURE</b>						
Two-Post Foldable ROPS	●			●		
Four-Post Canopy		●			●	
Cab			●			●
<b>PERFORMANCE</b>						
All-Tach® Attachment Mounting System	●	●	●	●	●	●
Power-A-Tach® Attachment Mounting System	●	●	●	●	●	●
Counterweight	●	●	●	●	●	●
Hydrostatic Drive System, Two-Speed	●	●	●	●	●	●
Inching Pedal	●	●	●	●	●	●
Parallel Loader Linkage, Two-way w/ Self-leveling	●	●	●			
Z-bar Loader Linkage w/ Limited Self-leveling				●	●	●
<b>ENGINE</b>						
Engine Block Heater	●	●	●	●	●	●
<b>ELECTRICAL SYSTEM</b>						
12-volt Battery	●	●	●	●	●	●
Instrument Panel – Deluxe	●	●	●	●	●	●
Remote Battery Terminal	●	●	●	●	●	●
<b>OPERATOR STATION</b>						
Adjustable 2-inch Seat Belt	●	●	●	●	●	●
Adjustable 3-inch Seat Belt	●	●	●	●	●	●
Air-Conditioning						●
Back-Up Alarm	●	●	●	●	●	●
Dual-Element Air Cleaner with Indicator	●	●	●	●	●	●
Full-Suspension Seat – Adjustable	●	●	●	●	●	●
Air-Suspension Seat – Adjustable				●	●	●
Multi-Function Joystick Control	●	●	●	●	●	●
Operator Presence Seat Switch	●	●	●	●	●	●
Radio		●	●		●	●
Sound Reduction Package	●	●	●	●	●	●
Tilt-Steering Column	●	●	●	●	●	●
<b>SERVICE</b>						
Tilttable Operator's Platform	●	●	●	●	●	●
<b>WORK LIGHTS</b>						
Road Lights	●	●	●	●	●	●

● STANDARD EQUIPMENT

● OPTIONAL EQUIPMENT



# SPECIFICATIONS

articulated loaders

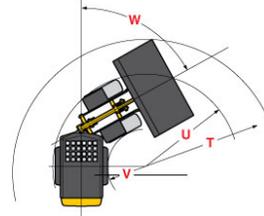
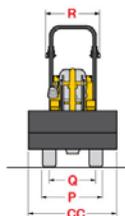
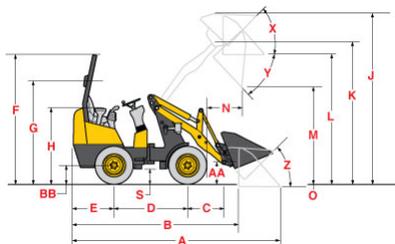
	340 - 2-Post	340 - 4-Post	340 - Cab	540 - 2-Post	540 - 4-Post	540 - Cab
DIMENSIONS	A. Length with Bucket on Ground (mm)	159.4" (4050)	159.4" (4050)	159.4" (4050)	177.6" (4510)	177.6" (4510)
	B. Shipping Length (mm)	131.9" (3351)	131.9" (3351)	131.9" (3351)	149.2" (3790)	149.2" (3790)
	C. Front Wheel Center to Pivot Pin (mm)	20.4" (517)	20.4" (517)	20.4" (517)	28.5" (723)	28.5" (723)
	D. Wheelbase (mm)	64.1" (1627)	64.1" (1627)	64.1" (1627)	68.5" (1741)	68.5" (1741)
	E. Rear Overhang (mm)	41.9" (1065)	41.9" (1065)	41.9" (1065)	46.6" (1184)	46.6" (1184)
	F. Height to Top of Cab (mm)	95.3" (2420)	88.9" (2257)	88.9" (2257)	97.4" (2473)	90.9" (2310)
	G. Folded ROPS Height (mm)	72.5" (1842)	N/A	N/A	74.6" (1895)	N/A
	H. Hood Height (mm)	57.8" (1468)	57.8" (1468)	57.8" (1468)	59.9" (1521)	59.9" (1521)
	J. Maximum Reach Height (mm)	134.4" (3415)	134.4" (3415)	134.4" (3415)	142.4" (3617)	142.4" (3617)
	K. Bucket Hinge Pin Height (mm)	112.4" (2855)	112.4" (2855)	112.4" (2855)	120.3" (3055)	120.3" (3055)
	L. Ground Plane to Bucket Edge Height (mm)	104.3" (2650)	104.3" (2650)	104.3" (2650)	112.6" (2860)	112.6" (2860)
	M. Dump Clearance at Full Height (mm)	84.4" (2143)	84.4" (2143)	84.4" (2143)	90.6" (2300)	90.6" (2300)
	N. Dump Reach at Full Height (mm)	12.3" (312)	12.3" (312)	12.3" (312)	17.5" (445)	17.5" (445)
	P. Width over Tires (mm)	50.4" (1280)	50.4" (1280)	50.4" (1280)	54.3" (1380)	54.3" (1380)
	R. ROPS Width (mm)	39" (990)	40.6" (1030)	42.6" (1081)	38.8" (985)	40.6" (1030)
	S. Ground Clearance (mm)	9.6" (244)	9.6" (244)	9.6" (244)	10.4" (265)	10.4" (265)
	T. Turning Radius with Bucket (mm)	118.1" (3000)	118.1" (3000)	118.1" (3000)	126.8" (3220)	126.8" (3220)
	U. Outer Turning Radius (mm)	103.5" (2630)	103.2" (2630)	103.5" (2630)	108.3" (2750)	108.3" (2750)
	V. Inner Turning Radius (mm)	52" (1322)	52" (1322)	52" (1322)	53.7" (1365)	53.7" (1365)
	W. Articulation Angle from Center (mm)	45°	45°	45°	45°	45°
	X. Rollback at Height	39.7°	39.7°	39.7°	45°	45°
Y. Maximum Dump Angle at Full Height	43°	43°	43°	47°	47°	
Z. Bucket Rollback at Ground	37°	37°	37°	40°	40°	
AA. Attachment Pivot Clearance (mm)	8.5" (215)	8.5" (215)	8.5" (215)	8.3" (212)	8.3" (212)	
BB. Wheel Radius (mm)	15.1" (383)	15.1" (383)	15.1" (383)	15.9" (405)	15.9" (405)	
CC. Bucket Width - standard (mm)	54" (1372)	54" (1372)	54" (1372)	60" (1524)	60" (1524)	
ENGINE	Engine Manufacturer	Yanmar	Yanmar	Yanmar	Yanmar	Yanmar
	Model / Number of Cylinders	3TNV88* / 3	3TNV88* / 3	3TNV88* / 3	4TNV88* / 4	4TNV88* / 4
	Displacement (L)	100.2 cu.in. (1.6)	100.2 cu.in. (1.6)	100.2 cu.in. (1.6)	133.6 cu.in. (2.2)	133.6 cu.in. (2.2)
	Power (kW) @ 2800 rpm	35 hp (26)	35 hp (26)	35 hp (26)	47 hp (35)	47 hp (35)
LOAD CAPACITIES	Rated Operating Capacity with Bucket <sup>1</sup> (kg)	1760 lbs. (798)	1840 lbs. (834)	1897 lbs. (860)	2460 lbs. (1116)	2524 lbs. (1145)
	Static Tipping Load with Bucket					
	Straight (kg)	3521 lbs. (1597)	3681 lbs. (1670)	3794 lbs. (1721)	4932 lbs. (2237)	5049 lbs. (2290)
	Full Turn (kg)	2743 lbs. (1244)	2821 lbs. (1280)	2907 lbs. (1319)	3904 lbs. (1771)	3969 lbs. (1800)
	Static Tipping Load with Pallet Forks					
	Straight (kg)	2420 lbs. (1098)	2578 lbs. (1169)	2750 lbs. (1247)	3602 lbs. (1634)	3708 lbs. (1682)
Full Turn (kg)	1889 lbs. (857)	2005 lbs. (909)	2155 lbs. (977)	2817 lbs. (1278)	2939 lbs. (1333)	
Bucket Breakout (kN)	5705 lbf (25.4)	5705 lbf (25.4)	5705 lbf (25.4)	10,749 lbf (47.8)	10,749 lbf (47.8)	
Operating Weight (kg)	5450 lbs. (2472)	5555 lbs. (2520)	5840 lbs. (2649)	7290 lbs. (3307)	7400 lbs. (3357)	
HYDRAULICS	Work Hydraulic System Flow (L/min)	12 gpm (45)	12 gpm (45)	12 gpm (45)	15 gpm (56.8)	15 gpm (56.8)
	Work Hydraulic System Pressure (bar)	3000 psi (207)				
	Drive Hydraulic System Pressure (bar)	5000 psi (345)	5000 psi (345)	5000 psi (345)	5940 psi (410)	5940 psi (410)
	Drive Hydraulic Reservoir Capacity (L)	7 gal. (26)	7 gal. (26)	7 gal. (26)	11 gal. (42)	11 gal. (42)
OTHER	Battery	12-volts	12-volts	12-volts	12-volts	12-volts
	Fuel Tank Capacity (L)	15 gal. (57)	15 gal. (57)	15 gal. (57)	18 gal. (68)	18 gal. (68)
	Maximum Travel Speed (km/hr)	11.5 mph (18.5)	11.5 mph (18.5)	11.5 mph (18.5)	12.4 mph (20)	12.4 mph (20)
Tire Size - Standard	30.5 x 12.5-16.5	30.5 x 12.5-16.5	30.5 x 12.5-16.5	33 x 15.5-16.5	33 x 15.5-16.5	

\* - Interim Tier IV Engine

1 - Per SAE J818 and SAE J732

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

## REFERENCE DIAGRAMS



## OWNER DRIVEN

Gehl authorized dealers offer a full line of compact equipment, backed up by exceptional sales, service and parts experience.

For more information on Gehl equipment, visit [gehl.com](http://gehl.com)

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.