GEHL. FULL LINE E-SERIES SKID LOADERS

GEHL

5640









In 1859, an agricultural implement company, housed in a blacksmith shop, was started in West Bend, Wisconsin. From these humble beginnings, Gehl Company has become a major force in the compact equipment industry worldwide.

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

With modern manufacturing facilities in Yankton and Madison, South Dakota, and a stateof-the-art research and design facility in West Bend, Wisconsin, Gehl ensures that they are equipped with the finest in technology, tools and materials. This investment allows us to manufacture high-quality products. And our top corps of engineers are skilled in designing and enhancing 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 company behind you and your business. When you need assistance, whether it be financing, parts or service,

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know that Gehl will be there to provide the help you need. We continually strive to preserve the level of personalized attention that Gehl began with in 1859.



Building its first skid loader in 1973, Gehl has spent the last four decades enhancing their design. This drive toward excellence resulted in the E-Series Skid Loaders. These machines come fully loaded with the performance and features needed to tackle the toughest applications. Offering spacious cabs and a choice of controls, the E-Series skid loaders keep operators comfortable all day long.

HIGH-OUTPUT, HIGH-TORQUE ENGINES – Supply extra horsepower where and when you need it, ranging from 24 hp to 99 hp.

UNPARALLELED COMFORT – Ergonomic design and choice of operator-friendly controls for hours of fatigue-free operation.

ADVANCED HYDRAULIC SYSTEM – Allows simultaneous hydraulic functions without loss of power or speed.

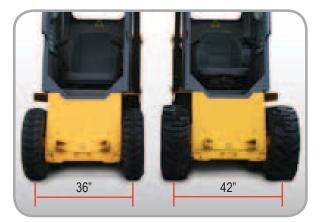
STANDARD AUXILIARY HYDRAULICS – Seamlessly power attachments for the versatility and expanded capability you require.





GEHL.

Super-compact and tough, the 1640E Skid Loader from Gehl can go where other machines can't. A width as narrow as three feet makes maneuvering through narrow doors and alleyways easy, while a strong 850-pound rated operating capacity makes a huge dent in the workload.



NARROW YOUR OPTIONS – A super-compact 36-inch width with 5.70 x 12 tire option, or 42-inch width with 8.50 x 12 heavy-duty flotation standard tires.

model 1640E

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PERFORMANCE

UP YOUR CAPACITY – Rated operating capacity of 850 pounds and a lift height of 96 inches brings big performance to small spaces.

POWERED UP – Powered by a 24-hp Yanmar liquid-cooled diesel engine, this machine consumes less fuel than larger models, making a positive impact on the bottomline.

POWERVIEW® LIFT ARM – Powerview® lift arm provides strength, durability and excellent view of the tires and sides of the loader for increased precision and safety.

EXCELLENT HYDRAULICS – Auxiliary hydraulics with flat-faced couplers provide up to 10.1 gpm for powering a wide variety of attachments.

SAFETY FIRST – Hydraloc[™] Interlock System locks lift, tilt, auxiliary and drive systems when the operator leaves the seat, raises the restraint bar or turns off the ignition switch, reducing jobsite accidents.

LIGHTWEIGHT TRANSPORTATION – An overall machine weight of less than 2,900 lbs. makes the 1640E easily transportable.

SERVICE IS A SNAP – A large engine cover and tilt-back ROPS/FOPS allow access to daily maintenance points, as well as service access when needed.





MAXIMIZE COMFORT

DELUXE ENVIRONMENT – Deluxe, high-back seat is standard, providing the high level of comfort desired by operators. A high-back suspension seat option is available.

SAFETY ALL-AROUND – Safety glass in the side, top and rear windows minimize dirt and debris entry and reduce sound levels.

IN CONTROL – T-bar "Hands-Only" control system with standard hand and foot throttles keeps the operator in control all work day long.





GEHL.

Skid loaders from Gehl are made to be compact, agile and tough. The 3640E and 4240E models are "little giants," which bring exceptional power and hydraulic performance to small spaces, providing users the edge on productivity and profitability.

PERFORMANCE

LOW-PROFILE DESIGN – Makes maneuverability easy in narrow spaces with low clearance due to low machine heights and widths.

POWERFUL YANMAR DIESEL ENGINES – Put the power and performance where it counts.

INCREASED OPERATING CAPACITY – Rated operating capacity up to 1,475 pounds with the optional counterweight on the model 4240E.

LOW NOISE LEVELS – Deluxe sound package option lowers noise levels in operator's compartment, increasing operator comfort and productivity.

STRONG AUXILIARY HYDRAULICS – High hydraulic flow with standard flat-faced couplers power a wide variety of attachments.

model 3640E 4240E



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MAXIMIZE COMFORT

The operator's compartment in the 3640E and 4240E has clear side and rear sight lines to provide operators full, expansive views for increased safety. A choice of controls and a roomy operator's station bring comfort to the next level.

EXCELLENT VISIBILITY – A roof grid section provides excellent visibility to the bucket when operating at full lift height.

COMFORT AND SAFETY – Adjustable operator restraint bar offers secondary protection and serves as a padded armrest.

IN CONTROL – Operator's choice of T-bar "hands-only" or hand-foot controls.





Through constant innovation, Gehl has become a big name in the skid loader business. With narrow widths, high capacities and supreme comfort, these machines keep your operation running smoothly.

NARROW WIDTHS – Models 4640E and 5240E have a width of only 59.7 inches with optional wheel packages, allowing them to fit on a standard sidewalk.

LESS NOISE – Innovative acoustical materials reduce interior cab sound levels, and engine-related components reduce noise levels, both inside and out.

HIGH OPERATING CAPACITIES – Rated operating capacities from 1,650 pounds on model 4640E to 2,900 pounds on model 6640E with optional counterweight.

HIGH-POWERED ENGINES – Advanced high-powered, turbocharged Deutz and Yanmar engines with auto-shutdown systems and in-cylinder glow plugs to aid in cold-weather starting.

EXCEPTIONAL HYDRAULIC POWER – Auxiliary hydraulics up to 36.9 gpm with optional high-flow power a wide variety of attachments and produce outstanding attachment performance.

GEHL.

PERFORMANCE

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RAPID ACCELERATION – Maintenance-free, radial-piston drive motors have high start-up torque for rapid acceleration.

HIGH SPEED – Ground speeds up to 8.6 mph, or 13.9 mph with two-speed drive option.

AUTO-SHUTDOWN – Engine auto-shutdown feature turns off engine when low oil pressure or high temperatures are detected.

STABLE RIDE – A longer wheelbase and low center-of-gravity offer a stable ride. Hydraglide[™] ride control option provides smoother operation over uneven surfaces.

HEAVY-DUTY DRIVETRAIN – Drivetrain features heavy-duty components. Adjustments can be made to the simple "bow-tie" chain system from outside the unit.

SERVICE IS A SNAP – A swing-open rear door and flip-up engine cover fully expose maintenance points to engine, battery, filters and filler caps. The entire ROPS/FOPS structure pivots back with gas-spring assist for full, easy access to internal hydraulic components.

MAXIMIZE COMFORT

ADJUSTABLE JOYSTICK – Optional joystick controls with adjustable towers provide extra comfort, reducing operator fatigue.

EXTRA PROTECTION – ROPS/FOPS (Level II) for extra operator protection.

KEEP IT IN SIGHT – A grid section and window in the ROPS/FOPS keeps the bucket in sight when in high lift positions.

CLIMATE CONTROL – Optional cab heater or air-conditioner/heater combination keep the operator comfortable year-round. (air-conditioning not offered on 4640E)

SAFETY FIRST – Interlock system locks out lift/tilt functions when optional front door is opened.





HAND-FOO





DUAL-HAND (4640E & 5240E)

model 4640E 5240E 5640E 6640E





For big jobs, you want a machine with more power, more strength, more speed. In one word, more muscle. With the Gehl 7810E skid loader, you get an SAE rated operating capacity of 3,850 pounds and a breakout force of 8,340 pounds. Now that's real muscle!

CUMMINS TURBO-DIESEL ENGINE – A powerful 99 horsepower turbo-diesel engine provides 305 ft.-lbs. of torque, making the 7810E the world's most powerful skid loader.

GROUND SPEEDS – Fast ground speeds up to 7.5 mph, or 12.5 mph with optional two-speed drive.

HIGH LIFTING – A lift height of almost 12 feet makes loading trucks and dumping easy.

VERTICAL-PATH POWERVIEW[®] **BOOM** – Highstrength, low-profile design for all-around operator visibility and ability to lift loads in a vertical path.

FINE-TUNED HYDRAULIC CONTROLS – Special load-sensing pump will match the application with optimum auxiliary hydraulic performance.

HYDRAGLIDE[™] – This optional system provides a smoother ride by allowing the lift arm to "float" with loads at faster ground speeds.

model 7810E

MAXIMIZE COMFORT

EXCELLENT VISIBILITY – Clear side and rear sight lines provide an outstanding, full 360° view. Rear window tilts out for increased ventilation.

KEEP IT IN SIGHT – A grid section and window in the ROPS/FOPS keeps the bucket in sight when in high lift positions.

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CLIMATE CONTROL – Optional cab heater or air-conditioner/heater combination for extra comfort.

SAFETY FIRST – Interlock system
locks out lift/tilt functions when
optional front door is opened.

FLOW CONTROL – Adjustable flow control allows the operator to adjust auxiliary hydraulic flow from the seat.





HAND / FOOT

T-BAR "HANDS-ONLY"

DUAL-HAND



SERVICEABILITY

Service and maintenance access is made easy with a swing-open rear door, swing-up engine cover, and swing-out cooling package. The engine cover features a gas-spring assist and removeable side panels that provide ready access to service points.

GREATER REACH AND CONTROL

The vertical-lift linkage on the model 7810E gives the operator total control and provides consistent forward reach throughout the entire 11'10" lift cycle. And with hydraulic self-leveling lift action, the load stays level as the boom rises.



With a wide variety of attachments available, these machines are easily transformed to meet the needs of your applications.

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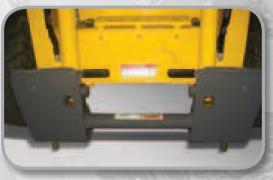






TIME IS MONEY

Change your attachments faster and get back to work quicker with the easy-to-use attachment mounting systems from Gehl.



ALL-TACH[®] SYSTEN



POWER-A-TACH[®] SYSTEM

ALL-TACH[®] – All models feature the easy-to-use All-Tach[®] (universal-style) attachment mounting system compatible with most allied attachments.

POWER-A-TACH[®] – Power-A-Tach[®] system option allows users to quickly install and remove attachments without leaving the seat. (Not available on models 1640E, 3640E and 4240E)

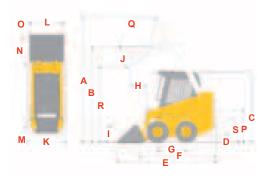
EXCELLENT HYDRAULICS – High horsepower and powerful hydraulic systems provide the pressure and flow to power virtually any attachment.

SELF-LEVELING – Hydraulic self-leveling keeps the buckets, pallet forks and other attachments level during lift actions.

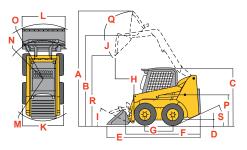
E-SERIES SKID LOADER SPECIFICATIONS

		1640E	3640E	4240E	4640E	5240E	5640E	6640E	7810E	
	A. Overall Operating Height – Fully Raised (mm)	124.7" (3167)	139.6" (3546)	141.1" (3584)	149" (3785)	160" (4064)	162" (4115)	168.3" (4275)	187.8" (4770)	
	B. Height to Hinge Pin – Fully Raised (mm)	96" (2438)	108.1" (2746)	110" (2794)	115.5" (2934)	120.7" (3066)	123" (3124)	124.3" (3157)	142" (3607)	
	C. Overall Height to Top of ROPS (mm)	74.7" (1897)	70.3" (1786)	71.9" (1826)	78.0" (1981)	78.0" (1981)	81.0" (2057)	82.0" (2082)	81.0" (2057)	
	D. Ground Clearance to Chassis (mm))	5.9" (150)	6" (152)	8.3" (211)	7.5" (191)	7.5" (191)	8.0" (203)	9.1" (231)	9.1" (231)	
	E. Overall Length with Bucket (mm)	101.4" (2576)	114" (2896) w/ 55" Bucket	116.2" (2952) w/ 61" Bucket	122.8" (3119) w/66" Bucket	126.3" (3208) w/66" Bucket	131.0" (3327) w/70" Bucket	141.5" (3594) w/74" Bucket	161" (4089)	
	F. Overall Length without Bucket (mm)	75" (1905)	88.9" (2258)	91.1" (2314)	89.8" (2281)	94.2" (2393)	100.5" (2553)	105.8" (2687)	122" (3099)	
	G. Wheelbase (mm)	30.5" (775)	34.5" (876)	36.7" (932)	37.5" (953)	42" (1067)	42.5" (1080)	48.4" (1229)	55" (1397)	
	H. Dump Reach at Full Height (mm)	14.8" (376)	22.8" (579)	22.6" (574)	23.1" (587)	23.1" (587)	32" (813)	35.2" (894)	38.2" (970)	
	I. Rollback at Ground	23°	29°	29°	23°	23°	28°	28°	28.5°	
	J. Dump Angle	46°	42°	42°	43°	43°	37°	37°	38°	
	K. Overall Width (mm)	35.8" (909)	48.4" (1229)	53" ^A /59" (1346 ^A /1499)	63.25" ^A /59.7" (1575 ^A /1516)	63.25" ^A /59.7" (1575 ^A /1516)	69.0" (1753)	72.5" (1841)	81" (2057)	
- נ 	L. Bucket Width (mm)	36" (914)	55.3" (1404)	60.6" (1539)	61.5" - 70" (1562 - 1778)	61.5" - 75" (1562 - 1905)	70" - 90" (1778 - 2286)	74" - 90" (1880 - 2286)	84" (2134)	
	M. Clearance Circle – Rear (mm)	43.2" (1097)	54.1" (1374)	58.4" (1484)	59.5" (1511)	61.5" (1562)	66.0" (1676)	69.0" (1753)	80.5" (2045)	
	N. Clearance Circle – Front w/o Bucket (mm)	32.8" (833)	44.1" (1120)	43.4" (1102)	47" (1194)	48" (1219)	50.5" (1283)	54.0" (1372)	60.6" (1539)	
	O. Clearance Circle – Front w/ Bucket (mm)	58" (1473)	69.4" (1763)	69.2" (1758)	74.5" (1892)	79.2" (2012)	82.0" (2083)	90.5" (2299)	102" (2591)	
	P. Seat to Ground Height (mm)	34.6" (879)	32.6" (828)	33.6" (853)	37.5" (953)	37.5" (953)	42.0" (1067)	43.3" (1100)	41" (1041)	
	Q. Rollback at Full Height	100°	99°	99°	91°	91°	97°	97°	85°	
	R. Dump Height (mm)	72.3" (1836)	84.5" (2146)	86.5" (2197)	89.5" (2273)	90.6" (2301)	93.5" (2375)	94.8" (2408)	107" (2718)	
	S. Departure Angle	30°	26°	29°	25°	25°	26°	29°	21°	
	Standard Specification Tire Size	8.50 x 12	27x8.5x15 HD	10.00x16.5 HD	10.00x16.5 HD	10.00x16.5 HD	12.00x16.5 HD	14.00x17.5 HD	14.00x17.5 HD	
	Make	Yanmar	Yanmar	Yanmar	Deutz	Deutz	Yanmar	Yanmar	Cummins	
	Model	3TNV82 Interim Tier IV	3TNV88 Interim Tier IV	4TNV88 Interim Tier IV	TD2009 Interim Tier IV	TD2009 Interim Tier IV	4TNV98T Tier III	4TNV98T Tier III	B4.5T-99C Tier II	
	Net Power (kW) @ rpm	24 hp (17.9) @ 2400	35 hp (26) @ 2800	46 hp (34) @ 2800	62 hp (46) @ 2600	62 hp (46) @ 2600	84 hp (62.6) @ 2500	84 hp (62.6) @ 2500	99 hp (73.8) @ 2200	
	Maximum Torque (Nm) @ rpm	68 ftlbs. (86) @ 1200	80 ftlbs. (108) @ 1680	106 ftlbs. (145) @ 1680	148 ftlbs. (200) @1600	148 ftlbs. (200) @1600	215 ftlbs. (292) @ 1850	215 ftlbs. (292) @ 1850	305 ftlbs. (414) @1500	
	Displacement (L)	81 cu.in. (1.33)	100 cu.in. (1.64)	133 cu.in. (2.18)	140 cu.in. (2.3)	140 cu.in. (2.3)	202 cu.in (3.3)	202 cu.in (3.3)	275 cu.in. (4.5)	
SYSTEM	Auxiliary Hydraulics – Standard (L/min)	10.1 gpm (38.2)	14.5 gpm (55)	16.5 gpm (62)	19 gpm (72)	19 gpm (72)	21.8 gpm (82.5)	21.8 gpm (82.5)	29 gpm (110)	
	High-Flow Auxiliary Hydraulics – Option (L/min)	N/A	N/A	N/A	30 gpm (114)	30 gpm (114)	36.9 gpm (140)	36.9 gpm (140)	41 gpm (155)	
	Filtration	4 micron	4 micron	4 micron	4 micron	4 micron	4 micron	4 micron	6 micron	
×	Reservoir Capacity (L)	7.2 gal. (27.1)	8 gal. (30.3)	8 gal. (30.3)	12 gal. (45)	12 gal. (45)	16 gal. (60)	16 gal. (60)	15 gal. (56.8)	
	Battery (CCA)	12-volt (675)	12-volt (675)	12-volt (675)	12-volt (950)	12-volt (950)	12-volt (950)	12-volt (950)	12-volt (1500)	
SYSTEM	Starter (kW)	12-volt (1.7)	12-volt (2.3)	12-volt (2.3)	12-volt (2.0)	12-volt (2.0)	12-volt (3.0)	12-volt (3.0)	12-volt (4.8)	
	Alternator	40-amp	40-amp	40-amp	80-amp	90-amp	90-amp	90-amp	95-amp	
	Rated Operating Capacity ^B (kg)	850 lbs. (386)	1050 lbs. (476)	1350 lbs. (612)	1650 lbs. (748)	1900 lbs. (862)	2200 lbs. (998)	2600 lbs. (1179)	3850 lbs. (1747)	
	Rated Operating Capacity with Optional Counterweight ^B (kg)	N/A	1175 lbs. (533)	1475 lbs. (669)	1800 lbs. (816)	2050 lbs. (930)	2500 lbs. (1134)	2900 lbs. (1315)	N/A	
	Tipping Load ^B (kg)	1709 lbs. (775)	2100 lbs. (952)	2700 lbs. (1225)	3300 lbs. (1497)	3800 lbs. (1724)	4400 lbs. (1996)	5200 lbs. (2359)	7700 lbs. (3493)	
	Fuel Tank (L)	7.7 gal. (29)	10.3 gal. (38.9)	12.4 gal. (47)	15 gal. (56.8)	16 gal. (60)	19 gal. (72)	24 gal. (91)	30.5 gal. (115)	
	Travel Speed w/ Joystick - Maximum (km/hr)	N/A	N/A	N/A	7.7 mph (12.3)	7.7 mph (12.3)	7.4 mph (12.2)	8.6 mph (13.8)	7.5 mph (12.1)	
	With Two-Speed Option (km/hr)	N/A	N/A	N/A	12.4 mph (20)	12.4 mph (20)	11.4 mph (18.5)	13.1 mph (21.1)	12.5 mph (20.1)	
5	Travel Speed w/o Joystick – Maximum (km/hr)	5.5 mph (8.9)	5.9 mph (9.5)	5.4 mph (8.7)	7.7 mph (12)	7.7 mph (12)	8.1 mph (13)	9.2 mph (14.8)	7.5 mph (12.1)	
	With Two-Speed Option (km/hr)	N/A	N/A	N/A	12.4 mph (20)	12.4 mph (20)	12.3 mph (19.8)	13.9 mph (22.4)	12.5 mph (20.1)	
	Operating Weight ^C – Approximate (kg)	2980 lbs. (1352)	4000 lbs. (1814)	4600 lbs. (2087)	6200 lbs. (2812)	6700 lbs. (3039)	7880 lbs. (3574)	8140 lbs. (3692)	10,520 lbs. (4772)	

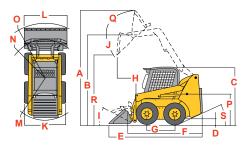
1640E REFERENCE DIAGRAM

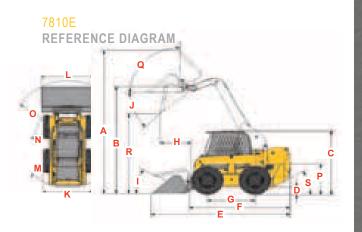


3640E / 4240E REFERENCE DIAGRAM



4640E / 5240E / 5640E / 6640E REFERENCE DIAGRAM





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.







- A Narrow width with off-set wheel option
- B Per SAE J818, SAE J732, and ISO 14397
- C Weight of base unit with standard equipment, standard tires (heavyduty flotation), standard dirt-construction bucket and 175 lb. (79 kg) operator.



E-SERIES SKID LOADER FEATURES

FEATURES	1640E	3640E	4240E	4640E	5240E	5640E	6640E	7810E
CONTROLS								
T-Bar Hand Controls Available	0	0	0	0	0	0	0	0
Hand/Foot Controls Available		0	0	0	0	0	0	0
Joystick Controls Available				0	0	0	0	0
Dual-Hand Controls Available				0	0			0
ENGINE								
Engine Auto-Shutdown System				0	0	0	0	0
Engine Heater								
Turbocharged Engine				0	0	0	0	0
HYDRAULICS								
Auxiliary Hydraulics	•	0		0	0	0	0	0
High-Flow Auxiliary Hydraulics								
Independent Hydraulic Reservoir	0	0	0	0	0	0	0	0
OPERATOR STATION								
Air-Conditioner								
Cab Enclosure								
Foot or Hand-controlled Throttle	0	0	0	0	0	0	0	0
Full Instrumentation		0	0	0	0	0	0	0
Heater								
Horn								
Integral Access Plate (removeable)	•	0	•	0	0	0	0	0
Restraint Bar with Padded Armrests / Seat Belts		0	•	0	0	0	0	0
ROPS/FOPS Level II Overhead Guard - w/Integral Side Screens	•	0	•	0	0	0	0	0
Sound Reduction Package				0	0	0	0	0
Suspension Seat								
Work Lights, Front and Rear	•	0		0	0	0	0	0
PERFORMANCE								
All-Tach [®] Attachment Mounting System	•	0		0	0	0	0	0
Anti-Vandalism Protection	•	0	•	0	0	0	0	0
Back-Up Alarm								
Brake Control (auto / manual)		0		0	0	0	0	0
Hydraglide [™] System								•
Hydraloc [™] System	•	0	•	0	0	0	0	0
Hydrostatic Drive	•	0	•	0	0	0	0	0
Lift Arm Support Device	•	0		0	0	0	0	0
Narrow Offset Wheels								
Self-Leveling Lift Action	•			0	0	0	0	0
Skid Plate with Cleanout		0	•	0	0	0	0	0
Two-Speed Drive				•	•	•		
Zero-Maintenance Axles	0	0		0	0	0	0	0

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