

GEHL®

BL740S BACKHOE LOADERS

KEY FEATURES

- ✓ Fuel-efficient Kirloskar 4R1040TC, 76 hp, Turbo-charged engine
- ✓ Heavy-duty Transmission and Rear Axle
- ✓ Smart UC Hydraulic for Low Fuel Consumption
- ✓ Excellent Operating Height
- ✓ Ergonomically Designed Large and Wide Cabin



BL740S BACKHOE LOADERS

TECHNICAL SPECIFICATIONS

BL740S

ENGINE	Fuel efficient Kirloskar, BS-III, Four-cylinder Turbo-charged, Water Cooled, Diesel Engine					4R1040TC	
	Gross Power @ 2200 rpm					76 hp	
	Capacity					4.16 liter	
	Torque					300 nm	
HYDRAULICS	Maximum Flow @ 2200 rpm (both pumps)					119 lpm (73+46)	
	Main Relief Pressure					3250 psi (225 bar)	
TRANSMISSION	Carraro transmission, Four Speed (4 forward, 4 reverse gear) Synchro shift reversing shuttle transmission, with modulated clutch packs					✓	
	Two Wheel Drive is standard (four wheel drive optional)					✓	
	Torque Converter Stall Ratio - 2.88:1					✓	
AXLE	Rear Drive Axle rigidly mounted with outboard planetary final drives for easy maintenance					✓	
	Front-steer Axle with 16° oscillation for maximum ground contact in undulated conditions					✓	
STEERING/ BRAKES	Reliable hydraulically assisted power steering					✓	
	Self-actuating and self-adjusting, high capacity, sealed, wet disc brakes, maintenance free					✓	
TIRES	Front	Standard Traction 9 x 16-16 PR			Optional/Heavy-Duty 12.5 x 18 - 12 PR		
	Rear	Standard Traction 16.9 x 28 - 12 PR			Optional/Heavy-Duty 14 x 25 - 20 PR		
ELECTRICAL	12V and 65A system with water and dust proof connectors and 130 AH low maintenance battery					✓	
SPEEDS	Forward/Reverse Gear	1st Gear 5.4 km/hr	2nd Gear 8.6 km/hr	3rd Gear 19.9 km/hr	4th Gear 40 km/hr		
BUCKETS	Loader Bucket Standard Capacity Width		1.0 cu m 2235 mm			Backhoe Bucket Standard Capacity Width	0.24 cu m 892 mm
	Optional Backhoe Buckets		0.08 cu m, 0.09 cu m, 0.12 cu m, 0.18 cu m, 0.18 cu m, 0.27 cu m				
STATIC DIMENSIONS	Overall Length					7338 mm	
	Overall Height					3762 mm	
	Wheelbase					2130 mm	
	Overall Width					2330 mm	
	Cabin Height					2770 mm	
	Ground Clearance					400 mm	

BACKHOE PERFORMANCE RANGE & FOCUS

LOADER PERFORMANCE

OPERATING WEIGHT

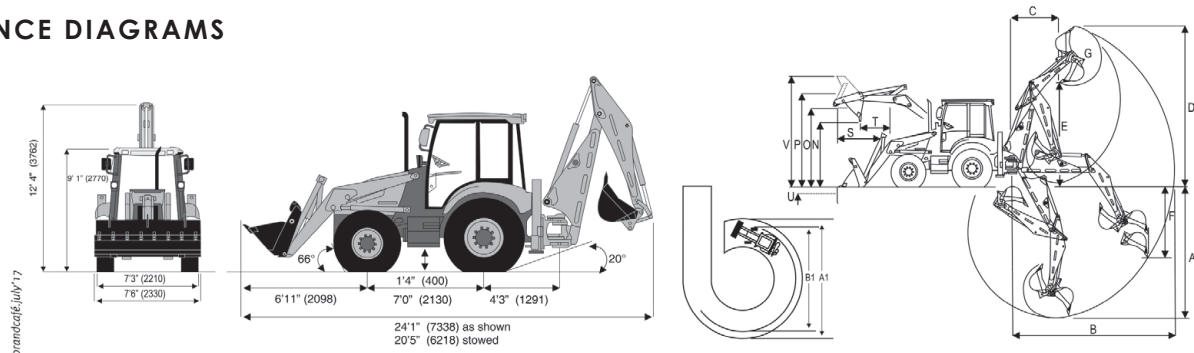
TURNING RADIUS

CAPACITY

OPTIONS

	Standard Dipper	Extending Dipper	
	Retracted	Extended	
A. Maximum Dig Depth - (ft)	4741 mm (8'11")	4741 mm (15'6")	5815 (19'1)
B. Maximum Reach - (ft) Ground Level to Slew Center	5730 mm (18'10")	5730 mm (18'10")	7020 mm (23'1")
C. Maximum Loading Reach - (ft)	1996 mm (6'7")	1996 mm (6'7")	2924 mm (9'7")
D. Maximum Operating Height - (ft)	5659 mm (18'7")	5659 mm (18'7")	6637 mm (21'9")
E. Maximum Loading Height SAE - (ft)	3553 mm (11'8")	3553 mm (11'8")	4531 mm (14'10")
Maximum Loading Height - (ft)	3871 mm (12'8")	3871 mm (12'8")	4849 mm (15'10")
F. Maximum Straight Wall Dig Depth - (ft)	2602 mm (8'5.4")	2602 mm (8'5.4")	3991 mm (13'0")
G. Maximum Bucket Rotation	194°	194°	194°
Total Side Shift - (ft)	1198 mm (3'11")	1198 mm (3'11")	1198 mm (3'11")
Dipper Tear Out	3946 kgf	3946 kgf	2644 kgf
Bucket Tear Out	5219 kgf	5219 kgf	5219 kgf
Hydraulic Lift Capacity	1384 kgf	1184 kgf	812 kgf
	Standard Shovel		7-in-1 Shovel
N. Maximum Dump Height at 45° - (ft)	2708 mm (8'11")		2708 mm (8'11")
O. Maximum Loadover Height - (ft)	3310 mm (10'10")		3319 mm (10'10")
P. Maximum Hinge Pin Height - (ft)	3550 mm (11'8")		3550 mm (11'8")
S. Maximum Reach at Full Height - (ft)	1282 mm (4'3")		1282 mm (4'3")
T. Maximum Reach at Full Height 45° - (ft)	829 mm (2'9")		829 mm (2'9")
U. Below Ground Dig Depth - (ft)	156 mm (6")		156 mm (6")
Rollback at Ground	45°		45°
Maximum Dump Angle	57°		57°
V. Maximum Operating Height - (ft)	4230 mm (13'11")		4298 mm (14'1")
Shovel Breakout	4756 kgf		4580 kgf
Arms Breakout	4685 kgf		4345 kgf
Lift Capacity to Full Height	3465 kgf		3058 kgf
Machine Kerb Weight	7500 kg		
Machine Kerb Weight with 4WD	7600 kg		
Machine Kerb Weigh with 4WD & 7-in-1	7930 kg		
A1. Inner wheels not braked* Over Tires Over Bucket	8.4 m (27'7")		11.1 m (36'5")
B1. Inner wheels braked* Over Tires Over Bucket <i>* with 12.5x18-12 PR tires</i>	7.2 m (23'8")		10.0 m (32'10")
Fuel Tank	120 L	Transmission	15 L
Engine Coolant	16 L	Rear Axle	17.5 L
Engine Oil	11 L	Hydraulic Oil	90 L
A/C Cabin / Canopy	Four Wheel Drive (Instead of 2WD)		7-in-1 Clam-Shovel
Range of Trenching Buckets	Ditch Cleaning Bucket		1.2 cu m Loader Bucket
Extendable Dipper			

REFERENCE DIAGRAMS



Effective Date: September, 2017. All dimensions, weights, and timings are variable within 1.5%. Company reserves the right to change specifications without prior notice. The illustrations do not necessarily show the standard version of the machine. Product specifications and prices are subject to change without notice or obligation. The photographs and/or drawings in this document are for illustrative purposes only. Refer to the appropriate Operator's Manual for instruction on the proper use of this equipment. Failure to follow the appropriate Operator's Manual when using our equipment or to otherwise act irresponsibly may result in serious injury or death. The only warranty applicable to our equipment is the standard written warranty applicable to the particular product and sale and we make no other warranty, express or implied.

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