

# AL540

ARTICULATED LOADERS



## SPECIFICATIONS

		IMPERIAL	METRIC
Capacities	Max. height of bucket pivot point	10 ft	3.06 m
	Max. lifting height (below forks)	9 ft 5 in	2.86 m
	Reach at max. height	11 ft 11 in	3.62 m
	Breakout force with bucket	4780 daN	4780 daN
	Static tipping load with bucket - Straight with cab	5044 lb	2288 kg
	Static tipping load with bucket - Full turn with 4-post canopy	3159 lb	1433 kg
	Static tipping load with bucket - Full turn with cab	3322 lb	1507 kg
	Static tipping load with pallet forks - Straight with cab	3874 lb	1757 kg
	Static tipping load with pallet forks - Straight with 2-post canopy	3377 lb	1532 kg
	Static tipping load with pallet forks - Full turn with 2-post canopy	2295 lb	1041 kg
	Static tipping load with bucket - Full turn with 2-post canopy	2992 lb	1357 kg
	Static tipping load with pallet forks - Straight with 4-post canopy	3680 lb	1669 kg
	Static tipping load with pallet forks - Full turn with 4-post canopy	2449 lb	1111 kg
	Static tipping load with bucket - Straight with 4-post canopy	4742 lb	2151 kg
Weight and dimensions	Unladen weight (with forks) with 2-post canopy	7291 lb	3307 kg
	Unladen weight (with forks) with 4-post canopy	7469 lb	3388 kg
	Unladen weight (with forks)	7721 lb	3502 kg
	Overall length to carriage (with hitch)	12 ft 5 in	3.79 m
	Wheelbase	5 ft 9 in	1.74 m
	Overall width of 2 posts canopy	3 ft 3 in	0.99 m
	Overall width of 4 posts canopy	3 ft 5 in	1.03 m
	Overall cab width	3 ft 7 in	1.08 m
	Overall height with FOPS removed and ROPS folded	6 ft	1.84 m
	Overall height with 2 posts canopy	8 ft 3 in	2.51 m
	Overall height with 4 posts canopy	7 ft 7 in	2.31 m
	Overall height with cab	7 ft 7 in	2.31 m
	Tilt-up angle	45 °	45 °
	Tilt-down angle	47 °	47 °
	Articulation angle	45 °	45 °
	Overall width less bucket	4 ft 9 in	1.46 m
	Overall length - Less Bucket	12 ft 5 in	3.79 m
Engine	Ground clearance	11 in	0.27 m
	Engine brand	Yanmar	Yanmar
	Engine model	4TNV88	4TNV88
	Engine norm	Stage IIIA	Stage IIIA
	Number of cylinders / Capacity of cylinders	4 - 134 in³	4 - 2200 cm³
	I.C. Engine power rating / Power	47 Hp / 35 kW	47 Hp / 35 kW
	Max. torque / Engine rotation	101 ft/lbs / 2800 rpm	137 Nm / 2800 rpm
Transmission	Engine cooling system	2 radiators water + hydraulic oil	2 radiators water + hydraulic oil
	Transmission type	Hydrostatic	Hydrostatic
	Number of gears (forward / reverse)	2 / 2	2 / 2
	Max. travel speed (may vary according to applicable regulations)	12 mph	20 km/h
	Travel speed (laden)	12 mph	20 km/h
	Differential lock	Front and rear locking of the machine	Front and rear locking of the machine
Hydraulics	Parking brake	Manual	Manual
	Hydraulic pump type	Gear pump	Gear pump
	Hydraulic flow - Pressure	15 US gpm / 3002 PSI	57 l/min / 207 bar
Tank capacities	Drive hydraulic system pressure	5947 PSI	410 bar
	Hydraulic oil	11 US gal	42 l
Noise and vibration	Fuel tank	18 US gal	68 l
	Vibration on hands/arms	< 2.50 m/s²	< 2.50 m/s²
Miscellaneous	Cab certification	ROPS - FOPS cab (level 1)	ROPS - FOPS cab (level 1)



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



One Gehl Way, West Bend, WI 53095  
Phone: (262) 334-9461



GEHL COMPACT EQUIPMENT