

AL440

ARTICULATED LOADERS



SPECIFICATIONS

		IMPERIAL	METRIC
Capacities	Max. height of bucket pivot point	9 ft 11 in	3.01 m
	Max. lifting height (below forks)	9 ft 1 in	2.77 m
	Reach at max. height	11 ft 8 in	3.55 m
	Breakout force with bucket	2412 daN	2412 daN
	Static tipping load with bucket - Full turn with 4-post canopy	2657 lb	1205 kg
	Static tipping load with pallet forks - Straight with 2-post canopy	2937 lb	1332 kg
	Static tipping load with pallet forks - Full turn with 2-post canopy	1927 lb	874 kg
	Static tipping load with bucket - Full turn with 2-post canopy	2604 lb	1181 kg
	Static tipping load with pallet forks - Straight with 4-post canopy	3263 lb	1480 kg
	Static tipping load with pallet forks - Full turn with 4-post canopy	2141 lb	971 kg
Weight and dimensions	Static tipping load with bucket - Straight with 4-post canopy	4054 lb	1839 kg
	Unladen weight (with forks) with 2-post canopy	6041 lb	2740 kg
	Unladen weight (with forks) with 4-post canopy	6151 lb	2790 kg
	Overall length to carriage (with hitch)	11 ft 8 in	3.55 m
	Wheelbase	5 ft 4 in	1.62 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 height with FOPS removed and ROPS folded	6 ft	1.84 m
	Overall height with 2 posts canopy	8 ft 3 in	2.50 m
	Overall height with 4 posts canopy	7 ft 7 in	2.31 m
	Tilt-up angle	45 °	45 °
	Tilt-down angle	53 °	53 °
	Articulation angle	45 °	45 °
	Overall width less bucket	4 ft 10 in	1.47 m
	Overall length - Less Bucket	11 ft 8 in	3.55 m
Engine	Ground clearance	10 in	0.25 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	1239 ft/lbs / 2800 rpm	1680 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
	Drive hydraulic system pressure	5947 PSI	410 bar
Tank capacities	Hydraulic oil	11 US gal	42 l
	Fuel tank	18 US gal	68 l
Noise and vibration	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.



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GEHL COMPACT EQUIPMENT