

# AL140

ARTICULATED LOADERS



## SPECIFICATIONS

		IMPERIAL	METRIC
Capacities	Static tipping load with bucket (straight)	1929 lb	875 kg
	Static tipping load with bucket (full turn)	1548 lb	702 kg
	Static tipping load with forks (straight)	1468 lb	666 kg
	Static tipping load with forks (full turn)	1153 lb	523 kg
	Max. height of bucket pivot point	8 ft 11 in	2.71 m
	Max. lifting height (below forks)	8 ft 2 in	2.50 m
	Reach at max. height	10 ft 9 in	3.28 m
	Breakout force with bucket	1080 daN	1080 daN
	Static tipping load with bucket - Full turn with 4-post canopy	1548 lb	702 kg
	Static tipping load with pallet forks - Straight with 4-post canopy	1468 lb	666 kg
	Static tipping load with pallet forks - Full turn with 4-post canopy	1153 lb	523 kg
	Static tipping load with bucket - Straight with 4-post canopy	1929 lb	875 kg
Weight and dimensions	Unladen weight (with forks) with 4-post canopy	3845 lb	1744 kg
	Wheelbase	4 ft 5 in	1.35 m
	Overall width of 4 posts canopy	2 ft 7 in	0.79 m
	Overall height with 4 posts canopy	7 ft 8 in	2.34 m
	Tilt-up angle	40 °	40 °
	Tilt-down angle	45 °	45 °
	Articulation angle	45 °	45 °
	Overall width less bucket	2 ft 11 in	0.90 m
	Overall length - Less Bucket	9 ft	2.74 m
	Standard tires	Mitas - As Farmer - 7 00 12	Mitas - As Farmer - 7 00 12
Engine	Ground clearance	7 in	0.19 m
	Engine brand	Yanmar	Yanmar
	Engine model	3TNV76	3TNV76
	Engine norm	Stage IIIA	Stage IIIA
	Number of cylinders / Capacity of cylinders	3 - 67 in³	3 - 1100 cm³
	I.C. Engine power rating / Power	23.90 Hp / 17.80 kW	23.90 Hp / 17.80 kW
	Max. torque / Engine rotation	48 ft/lbs / 2800 rpm	65.60 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)	1 / 1	1 / 1
	Max. travel speed (may vary according to applicable regulations)	8 mph	13 km/h
	Travel speed (laden)	8 mph	12.50 km/h
	Differential lock	Limited slip differential on front and rear axles	Limited slip differential on front and rear axles
	Parking brake	Manual	Manual
Hydraulics	Hydraulic pump type	Gear pump	Gear pump
	Hydraulic flow - Pressure	8 US gpm / 3002 PSI	30 l/min / 207 bar
	Drive hydraulic system pressure	4641 PSI	320 bar
Tank capacities	Hydraulic oil	9 US gal	34 l
	Fuel tank	7 US gal	26 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