

AL650

AL/ALT



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Capacities		Metric	Imperial
Max. height of bucket pivot point	h35	3.32 m	10 ft 11 in
Max. lifting height (below forks)	h3	3.13 m	10 ft 3 in
Breakout force with bucket		5743 daN	5743 daN
Static tipping load with bucket - Straight with cab		3059 kg	6744 lb
Static tipping load with bucket - Full turn with 4-post canopy		2230 kg	4916 lb
Static tipping load with bucket - Full turn with cab		2379 kg	5245 lb
Static tipping load with pallet forks - Straight with cab		2405 kg	5302 lb
Static tipping load with pallet forks - Straight with 4-post canopy		2259 kg	4980 lb
Static tipping load with pallet forks - Full turn with 4-post canopy		1778 kg	3920 lb
Static tipping load with bucket - Straight with 4-post canopy		2907 kg	6409 lb
Weight and dimensions			
Unladen weight (with forks) with 4-post canopy		4150 kg	9149 lb
Unladen weight (with forks)		4309 kg	9500 lb
Wheelbase	y	2007 mm	79 in
Overall width of 4 posts canopy	b22	1.37 m	4 ft 6 in
Overall cab width	b4	1.37 m	4 ft 6 in
Overall height with 4 posts canopy	h38	2.47 m	8 ft 1 in
Overall height with cab	h17	2.47 m	8 ft 1 in
Tilt-up angle	a4	45 °	45 °
Tilt-down angle	a5	45 °	45 °
External turning radius (over tyres)	Wa1	3.31 m	10 ft 10 in
Articulation angle	a19	45 °	45 °
Overall width less bucket	b1	1.65 m	5 ft 5 in
Overall length - Less Bucket	l2	4.26 m	14 ft
Ground clearance	m4	0.37 m	1 ft 3 in
Engine			
Engine brand		Yanmar	Yanmar
Engine model		4TNV98CT	4TNV98CT
Engine norm		Tier 4 final	Tier 4 final
Number of cylinders / Capacity of cylinders		4 - 3300 cm ³	4 - 201 in ³
I.C. Engine power rating / Power		64.40 Hp / 48 kW	64.40 Hp / 48 kW
Max. torque / Engine rotation		280 Nm / 2300 rpm	207 ft/lbs / 2300 rpm
Engine cooling system		2 radiators water + hydraulic oil	2 radiators water + hydraulic oil
Transmission			
Transmission type		Hydrostatic	Hydrostatic
Number of gears (forward / reverse)		2 / 2	2 / 2
Max. travel speed (may vary according to applicable regulations)		30 km/h	19 mph
Travel speed (laden)		30 km/h	19 mph
Differential lock		Front and rear locking of the machine	Front and rear locking of the machine
Parking brake		Manual	Manual
Hydraulics			
Hydraulic pump type		Gear pump	Gear pump
Hydraulic flow - Pressure		69.50 l/min / 200 bar	18 US gpm / 2901 PSI
High-Flow Option (l/min)		97 l/min	26 US gpm
Drive hydraulic system pressure		420 bar	6092 PSI
Tank capacities			
Hydraulic oil		73.80 l	19 US gal
Fuel tank		95 l	25 US gal
Noise and vibration			
Vibration to whole hand/arm		< 2.50 m/s ²	< 2.50 m/s ²
Miscellaneous			
Safety cab homologation		ROPS - FOPS level 1 cab	ROPS - FOPS level 1 cab



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Siège Social
P.O. Box 179 - One Gehl Way - West Bend, WI, USA 53095
Tel: (262) 334-9461 - Fax: (262) 338-7517
www.gehl.com



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