

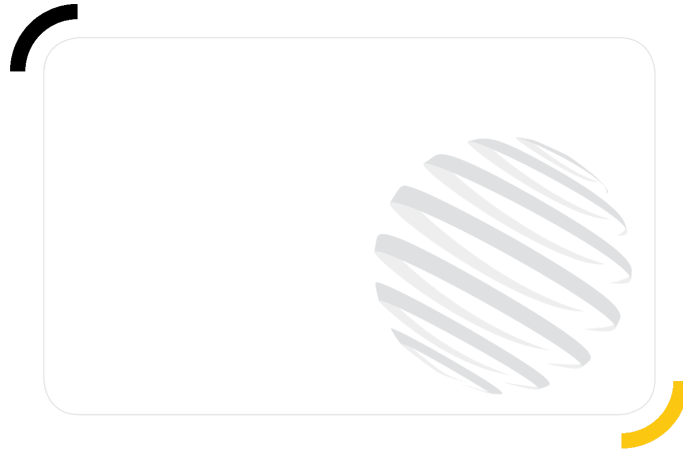
AL650

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		Stage V	Stage V
Number of cylinders / Capacity of cylinders		4 - 3300 cm ³	4 - 201 in ³
I.C. Engine power rating / Power (kW)		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 water radiators + hydraulic oil	2 water radiators + 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 mi/h
Travel speed (laden)		30 km/h	19 mi/h
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		Cabin ROPS - FOPS Level 1	Cabin ROPS - FOPS Level 1



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