

AL650

AL/ALT



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



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