

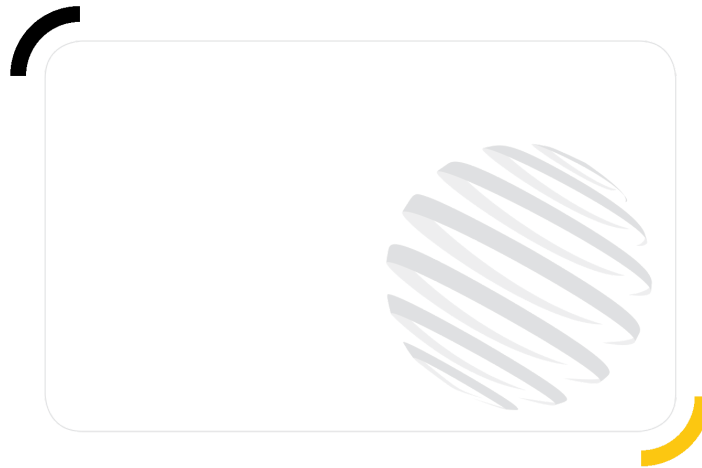
AL550

AL/ALT



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Capacities		Metric	Imperial
Static tipping load with bucket (straight)		2190 kg	4828.12 lbs
Static tipping load with bucket (full turn)		1693 kg	3732.42 lbs
Static tipping load with forks (straight)		1547 kg	3410.55 lbs
Static tipping load with forks (full turn)		1204 kg	2654.36 lbs
Max. height of bucket pivot point	h35	3.16 m	10 ft 4.40 in
Reach at max. height		0.43 m	1 ft 4.92 in
Breakout force with bucket		4329.46 daN	4329.46 daN
Static tipping load with bucket - Straight with cab		2190 kg	4828.12 lbs
Static tipping load with bucket - Full turn with cab		1693 kg	3732.42 lbs
Static tipping load with pallet forks - Straight with cab		1547 kg	3410.55 lbs
Weight and dimensions			
Unladen weight (with forks) with 4-post canopy		3388.30 kg	7469.92 lbs
Ground clearance	m4	0.25 m	10.15 in
Overall length to carriage (with hitch)	l11	4.18 m	13 ft 8.56 in
Wheelbase	y	1744 mm	5 ft 8.66 in
Overall width of 4 posts canopy	b22	1.23 m	4 ft 0.42 in
Overall cab width	b4	1.22 m	4 ft 0.34 in
Overall width (over tyres)	b1	1.47 m	4 ft 10.22 in
Overall height with 4 posts canopy	h38	2.31 m	7 ft 6.94 in
Overall height with cab	h17	2.31 m	7 ft 7.06 in
Tilt-up angle	a4	39.90 °	39.90 °
Tilt-down angle	a5	44.70 °	44.70 °
External turning radius (over tyres)	Wa1	3.20 m	10 ft 6.18 in
Articulation angle		45 °	45 °
Performances			
Crowd		2.52 s	2.52 s
Dump		1.85 s	1.85 s
Engine			
Engine brand		Deutz	Deutz
Engine model		TD 2.2 L3	TD 2.2 L3
Number of cylinders / Capacity of cylinders		3 - 337.82 cm³	3 - 20.61 in³
I.C. Engine power rating / Power (kW)		60 Hp / 45.50 kW	60 Hp / 45.50 kW
Max. torque / Engine rotation		200 Nm / 2400 rpm	200 Nm / 2400 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)		28.32 km/h	17.59 mph
Differential lock		Machine Lock Rear & front	Machine Lock Rear & front
Parking brake		Manual	Manual
Hydraulics			
Hydraulic pump type		Gear pump	Gear pump
Hydraulic flow - Pressure		58.30 l/min / 210 Bar	58.30 l/min / 3045.79 PSI
High-Flow Option (l/min)		72.30 l/min	72.30 l/min
Drive hydraulic system pressure		420 Bar	6091.58 PSI
Tank capacities			
Hydraulic oil		45 l	11.88 US gal
Fuel tank		82.50 l	21.79 US gal
Miscellaneous			
Safety cab homologation		ROPS - FOPS cab (level 1)	ROPS - FOPS cab (level 1)



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