

AL530

AL/ALT



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Capacities		Metric	Imperial
Static tipping load with bucket (straight)		1880 kg	4145 lb
Static tipping load with bucket (full turn)		1650 kg	3638 lb
Static tipping load with forks (straight)		1470 kg	3241 lb
Static tipping load with forks (full turn)		1295 kg	2855 lb
Max. height of bucket pivot point	h35	3.07 m	10 ft 1 in
Weight and dimensions			
Unladen weight (with forks) with 4-post canopy		2678 kg	5904 lb
Wheelbase	y	1.77 m	5 ft 10 in
Overall cab width	b4	0.99 m	3 ft 3 in
Overall height with cab	h17	2.29 m	7 ft 6 in
Dump reach - Full height	r6	458 mm	18 in
Hood Height	h40	1.46 m	4 ft 10 in
Overall Operating Height - Fully Raised	h27	3.87 m	12 ft 8 in
Articulation angle	a19	40 °	40 °
Maximum oscillation angle		10 °	10 °
Overall length with bucket	l16	4.49 m	14 ft 9 in
Overall width less bucket	b1	1.33 m	4 ft 4 in
Overall length - Less Bucket	l2	3.79 m	12 ft 5 in
Rear overhang	c6	1.14 m	3 ft 9 in
Dump angle - Fully raised	a5	47 °	47 °
Dump Height - Fully Raised	h29	2.30 m	7 ft 7 in
Maximum Rollback Angle - Fully Raised	a4	46 °	46 °
Maximum Rollback Angle at Ground	a13	50 °	50 °
Digging Position	h32	-72 mm	-3 in
Ground clearance	m4	356 mm	14 in
Clearance Radius - Front with Bucket	b18	3.36 m	11 ft
Clearance Radius - Less bucket	b14	2.88 m	9 ft 6 in
Ground Plane to Bucket Edge Height	h42	2.83 m	9 ft 4 in
Tread width (wheel center)	b29	946 mm	37 in
Attachment Pivot Clearance		168 mm	7 in
Height from ground to axle center	m8	230 mm	9 in
Bucket Width	e1	1.52 m	5 ft
Front Wheel Center to Pivot Pin	m3	733 mm	29 in
Height to Hinge Pin – Fully Raised	h28	3.07 m	10 ft 1 in
Engine			
Engine brand		Perkins	Perkins
Engine model		403J-E17T	403J-E17T
Engine norm		Stage V	Stage V
Number of cylinders		3	3
I.C. Engine power rating / Power		48.90 Hp / 36 kW	48.90 Hp / 36 kW
Max. torque / Engine rotation		160 Nm / 1600 rpm	118 ft/lbs / 1600 rpm
Engine cooling system		Water	Water
Transmission			
Transmission type		Hydrostatic	Hydrostatic
Number of gears (forward / reverse)		2 / 2	2 / 2
Max. travel speed (may vary according to applicable regulations)		20 km/h	12 mph
Hydraulics			
Hydraulic pump type		Gear pump	Gear pump
Hydraulic flow - Pressure		60 l/min / 207 bar	16 US gpm / 3002 PSI
Drive hydraulic system pressure		207 bar	3002 PSI
Tank capacities			
Hydraulic oil		48 l	13 US gal
Fuel tank		65 l	17 US gal



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