

AL430

AL/ALT



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Capacities		Metric	Imperial
Static tipping load with bucket (straight)		1675 kg	3693 lb
Static tipping load with bucket (full turn)		1470 kg	3241 lb
Static tipping load with forks (straight)		1265 kg	2789 lb
Static tipping load with forks (full turn)		1110 kg	2447 lb
Max. height of bucket pivot point	h35	2.84 m	9 ft 4 in
Max. lifting height (below forks)	h3	2.60 m	8 ft 6 in
Bucket hinge pin height (retracted)		2900 mm	114 in
Weight and dimensions			
Unladen weight (with forks) with 4-post canopy		2246 kg	4952 lb
Overall chassis length (without hitch)	l14	3.58 m	11 ft 9 in
Wheelbase	y	1.65 m	5 ft 5 in
Overall cab width	b4	0.99 m	3 ft 3 in
Overall height with FOPS removed and ROPS folded	h36	2.26 m	7 ft 5 in
Dump reach - Full height	r6	479 mm	19 in
Overall Operating Height - Fully Raised	h27	3696 mm	146 in
External turning radius (over tyres)	Wa1	3.25 m	10 ft 8 in
Articulation angle	a19	45 °	45 °
Overall length with bucket	l16	4.28 m	14 ft 1 in
Overall width less bucket	b1	1.10 m	3 ft 7 in
Overall length - Less Bucket	l2	3.58 m	11 ft 9 in
Rear overhang	c6	112 mm	0.04 in
Dump angle - Fully raised	a5	42 °	42 °
Dump Height - Fully Raised	h29	2170 mm	85 in
Maximum Rollback Angle - Fully Raised	a4	48 °	48 °
Maximum Rollback Angle at Ground	a13	49 °	49 °
Digging Position	h32	79 mm	3 in
Ground clearance	m4	320 mm	13 in
Clearance Radius - Front with Bucket	b18	3.25 m	10 ft 8 in
Ground Plane to Bucket Edge Height	h42	2665 mm	105 in
Attachment Pivot Clearance		170 mm	7 in
Bucket Width	e1	1.52 m	5 ft
Front Wheel Center to Pivot Pin	m3	0.67 m	2 ft 2 in
Height to Hinge Pin - Fully Raised	h28	2900 mm	114 in
Engine			
Engine brand		Perkins	Perkins
Engine model		403J-17T	403J-17T
Number of cylinders		3	3
Power (kW)		36 kW	36 kW
Max. torque / Engine rotation		166 Nm / 2200 rpm	122 ft/lbs / 2200 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 mi/h
Travel speed (laden)		20 km/h	12 mi/h
Parking brake		Mechanical hand-operated parking brake	Mechanical hand-operated parking brake
Hydraulics			
Hydraulic pump type		Gear pump	Gear pump
Hydraulic flow - Pressure		60 l/min / 207 bar	16 US gpm / 3002 PSI
High-Flow Option (l/min)		60 l/min	16 US gpm
Drive hydraulic system pressure		207 bar	3002 PSI
Tank capacities			
Hydraulic oil		50 l	13 US gal
Fuel tank		50 l	13 US gal



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