

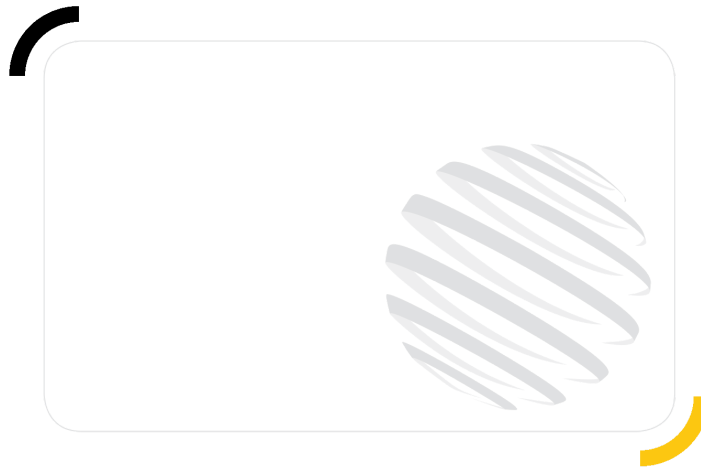
AL 230

AL/ALT



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Capacities		Metrisch	US-System
Static tipping load with bucket (straight)		1015 kg	2238 lb
Static tipping load with bucket (full turn)		865 kg	1907 lb
Static tipping load with forks (straight)		740 kg	1631 lb
Static tipping load with forks (full turn)		630 kg	1389 lb
Max. height of bucket pivot point	h35	2.70 m	8 ft 10 in
Max. lifting height (below forks)	h3	2.52 m	8 ft 3 in
Reach at max. height		0.47 m	1 ft 7 in
Weight and dimensions			
Unladen weight (with forks) with 4-post canopy		1740 kg	3836 lb
Overall chassis length (without hitch)	l14	2.90 m	9 ft 6 in
Wheelbase	y	1.40 m	4 ft 7 in
Overall cab width	b4	0.99 m	3 ft 3 in
Overall height with 4 posts canopy	h38	2.14 m	7 ft
Overall height with cab	h17	2.14 m	7 ft
Dump reach - Full height	r6	0.48 m	1 ft 7 in
Overall Operating Height - Fully Raised	h27	3.50 m	11 ft 6 in
Tilt-up angle	a4	47 °	47 °
Tilt-down angle	a5	41 °	41 °
External turning radius (over tyres)	Wa1	2.30 m	7 ft 7 in
Articulation angle	a19	45 °	45 °
Overall length with bucket	l16	3.60 m	11 ft 10 in
Overall width less bucket	b1	1.04 m	3 ft 5 in
Overall length - Less Bucket	l2	2.90 m	9 ft 6 in
Rear overhang	c6	0.80 m	2 ft 8 in
Dump angle - Fully raised	a5	41 °	41 °
Dump Height - Fully Raised	h29	2.01 m	6 ft 7 in
Maximum Rollback Angle - Fully Raised	a4	45 °	45 °
Maximum Rollback Angle at Ground	a13	47 °	47 °
Digging Position	h32	-45 mm	-2 in
Ground clearance	m4	153 mm	6 in
Clearance Radius - Front with Bucket	b18	2.70 m	8 ft 10 in
Bucket Width	e1	1.10 m	3 ft 7 in
Front Wheel Center to Pivot Pin	m3	0.56 m	1 ft 10 in
Height to Hinge Pin - Fully Raised	h28	2.70 m	8 ft 10 in
Engine			
Engine brand		Perkins	Perkins
Engine model		403J-11	403J-11
Number of cylinders		3	3
Power (kW)		18.40 kW	18.40 kW
Max. torque / Engine rotation		66.80 Nm / 2100 rpm	66.80 Nm / 2100 rpm
Engine cooling system		Water	Water
Transmission			
Transmission type		Hydrostatic	Hydrostatic
Number of gears (forward / reverse)		1 / 1	1 / 1
Max. travel speed (may vary according to applicable regulations)		12 km/h	7 mi/h
Hydraulics			
Hydraulic pump type		Gear pump	Gear pump
Hydraulic flow - Pressure		30 l/min / 207 bar	30 l/min / 3002 PSI
High-Flow Option (l/min)		30 l/min	30 l/min
Tank capacities			
Hydraulic oil		24 l	6 US gal
Fuel tank		30 l	8 US gal



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