ALT950

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GEHL®

Capacities		Metric	Imperial
Static tipping load with forks (straight)		4978 kg	10975 lb
Static tipping load with forks (full turn)		4147 kg	9143 lb
Max. payload with forks as per EN 474-3 (80%)		3300 kg	7275 lb
Max. lifting height (below forks)	h3	5.20 m	17 ft 1 in
Max. outreach		3.30 m	10 ft 10 in
Reach at max. height		1.20 m	3 ft 11 in
Breakout force with bucket		6730 daN	6730 daN
Static tipping load with pallet forks - Straight with cab		4978 kg	10975 lb
Weight and dimensions			
Unladen weight (with forks)		8490 kg	18717 lb
Overall length to carriage (with hitch)	l11	5.72 m	18 ft 9 in
Wheelbase	y	2.50 m	8 ft 2 in
Overall height with cab	h17	2.70 m	8 ft 10 in
Tilt-up angle	a4	9 °	9 °
Tilt-down angle	a5	156 °	156 °
External turning radius (over tyres)	Wa1	4.20 m	13 ft 9 in
Articulation angle	a19	44 °	44 °
Overall width less bucket	b1	2.29 m	7 ft 6 in
Overall length - Less Bucket	l2	5.72 m	18 ft 9 in
Standard tires		Alliance - A580 - 460/70 R24 159A8	Alliance - A580 - 460/70 R24 159A8
Ground clearance	m4	0.39 m	1 ft 3 in
Performances			
Crowd		3.50 s	3.50 s
Dump		2.70 s	2.70 s
Engine			
Engine brand		Deutz	Deutz
Engine model		TCD 4.1 L4	TCD 4.1 L4
Engine norm		Tier 4	Tier 4
Number of cylinders / Capacity of cylinders		4 - 4038 cm^3	4 - 246 in^3
I.C. Engine power rating / Power		143 Hp / 105 kW	143 Hp / 105 kW
Max. torque / Engine rotation		550 Nm / 2300 rpm	406 ft/lbs / 2300 rpm
Engine cooling system		3 radiators water + intercooler + hydraulic oil	3 radiators water + intercooler + hydraulic oil
Transmission			
Transmission type		M-Varioshift	M-Varioshift
Max. travel speed (may vary according to applicable regulations)		40 km/h	25 mph
Travel speed (laden)		40 km/h	25 mph
Differential lock		Limited slip differential on front and rear axles	Limited slip differential on front and rear axles
Parking brake		Manual	Manual
Hydraulics			
Hydraulic pump type		Variable displacement pump	Variable displacement pump
Hydraulic flow - Pressure		158 l/min / 270 bar	42 US gpm / 3916 PSI
Tank capacities			
Hydraulic oil		150 l	40 US gal
Fuel tank		150 l	40 US gal
Diesel Exhaust fluid (AdBlue® type)		10 l	3 US gal
Noise and vibration			
Noise at driving position (LpA) tested following NF EN 12053 norm		72 dB	72 dB
Noise to environment (LwA)		107 dB	107 dB
Vibration to whole hand/arm		< 2.52 m/s^2	< 2.52 m/s^2
Miscellaneous			
Safety cab homologation		ROPS - FOPS level 2 cab	ROPS - FOPS level 2 cab

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