

GCT 3-14 +

GCT



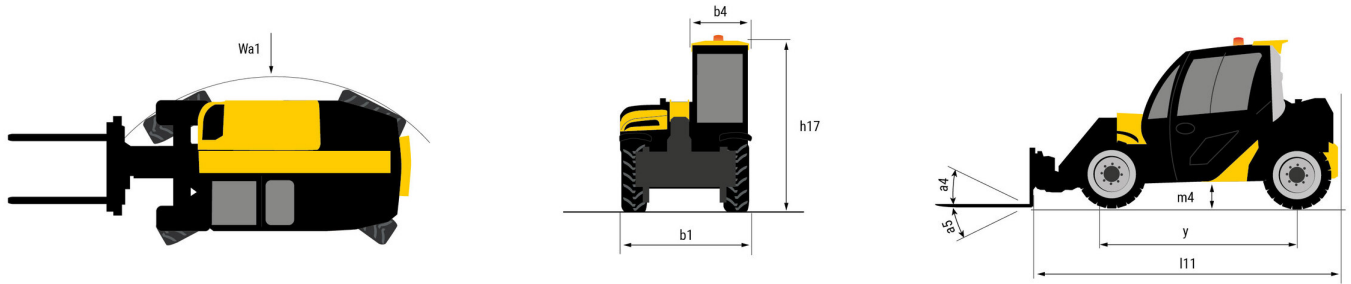
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Capacities		Metric	Imperial
Max. capacity	Q	1202 kg	2650 lb
Max. lifting height	h3	4.30 m	14 ft 1 in
Max. outreach		2.62 m	8 ft 7 in
Reach at max. height		1 m	3 ft 3 in
Breakout force with bucket		1880 daN	1880 daN
Weight and dimensions			
Shipping mass (min. / max.)		2700 kg / 2900 kg	5952 lb / 6393 lb
Ground clearance	m4	0.29 m	11 in
Wheelbase	y	2.13 m	7 ft
Overall length to carriage (with hitch)	l11	3.47 m	11 ft 5 in
Front overhang		0.77 m	2 ft 6 in
Overall width	b1	1.49 m	4 ft 11 in
Overall cab width	b4	0.66 m	2 ft 2 in
Overall height	h17	1.92 m	6 ft 4 in
Tilt-down angle	a5	116 °	116 °
Tilt-up angle	a4	23 °	23 °
External turning radius (over tyres)	Wa1	2.62 m	8 ft 7 in
Performances			
Lifting		8.80 s	8.80 s
Lowering		7 s	7 s
Extension		6.40 s	6.40 s
Retraction		4.30 s	4.30 s
Crowd		3.40 s	3.40 s
Dump		2.60 s	2.60 s
Engine			
Engine brand		Yanmar	Yanmar
Engine norm		Stage V / Tier 4 Final	Stage V / Tier 4 Final
Engine model		3TNV88C-DMU	3TNV88C-DMU
Number of cylinders - Capacity of cylinders		3 - 1642 cm³	3 - 100 in³
I.C. Engine power rating / Power		35.10 Hp / 26.20 kW	35.10 Hp / 26.20 kW
Max. torque / Engine rotation		105 Nm @1950 rpm	77 ft/lbs @1950 rpm
Drawbar pull (Laden)		2000 daN	2000 daN
Reversible fan		Option	Option
Engine cooling system		3 radiators (water + hydraulic oil + fuel)	3 radiators (water + hydraulic oil + fuel)
HVO validated (according to EN 15940 standard)		Yes	Yes
Transmission			
Transmission type		Hydrostatic	Hydrostatic
Number of gears (forward / reverse)		2 / 2	2 / 2
Max. travel speed (may vary according to applicable regulations)		25 km/h	16 mph
Differential lock		Limited slip differential on front and rear axles	Limited slip differential on front and rear axles
Parking brake		Automatic negative parking brake	Automatic negative parking brake
Service brake		Hydraulic servo brake	Hydraulic servo brake
Hydraulics			
Hydraulic pump type		Gear pump	Gear pump
Hydraulic flow - Pressure		48 l/min - 235 bar	13 US gpm - 3408 PSI
Flow sharing distributor		Standard	Standard
Tank capacities			
Hydraulic oil		39 l	10 US gal
Fuel tank		35 l	9 US gal
Noise and vibration			
Noise at driving position (LpA) tested following NF EN 12053 norm		76 dB	76 dB
Noise to environment (LwA)		104 dB	104 dB
Vibration to whole hand/arm		< 2.50 m/s²	< 2.50 m/s²
Miscellaneous			
Safety cab homologation		ROPS - FOPS level 1 cab	ROPS - FOPS level 1 cab
Controls		Joystick	Joystick

Optional tires tab

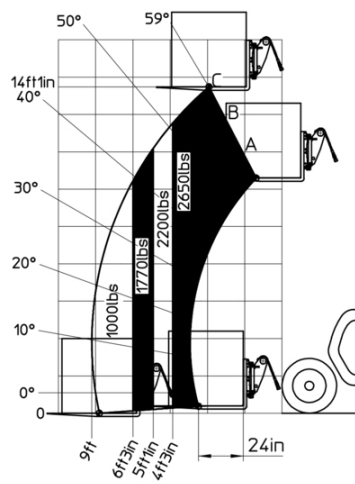
Optional tires	Overall height	Overall width
ALLIANCE - A550 - 305/70 R16.5 141A5	6 ft 5 in (1.95 m)	4 ft 11 in (1.49 m)
CAMSO - MPT552 - 10.0/75-15.3 124A8	6 ft 4 in (1.92 m)	4 ft 11 in (1.49 m)
CAMSO - SKS732 - 12-16.5 145A2	6 ft 5 in (1.96 m)	4 ft 11 in (1.49 m)
MICHELIN - BIBSTEEL ALL TERRAIN - 300/70 R16.5 141A5	6 ft 5 in (1.96 m)	4 ft 11 in (1.50 m)
MICHELIN - BIBSTEEL HARD SURFACE - 300/70 R16.5 137A8	6 ft 5 in (1.96 m)	4 ft 11 in (1.50 m)
MITAS - TR-07 - 31x15.50-15 121A8	6 ft 4 in (1.93 m)	5 ft 1 in (1.56 m)
TRELLEBORG - TH400 - 11LR16 130A8	6 ft 5 in (1.95 m)	4 ft 11 in (1.51 m)

GCT 3-14 + - Dimensional drawing

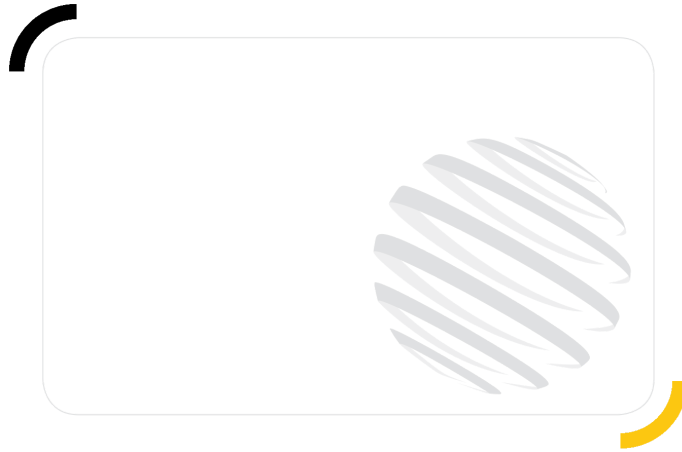


GCT 3-14 + - Load chart

Machine on tyres with forks Metric



ANSI - ITSDF B56.6



GEHL®

Siège Social
P.O. Box 179 - One Gehl Way - West Bend, WI, USA 53095
Tel: (262) 334-9461 - Fax: (262) 338-7517
www.gehl.com



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