

TH8-42

CONSTRUCTION TELEHANDLERS



Key Features

- ✓ SUPERVIEW cab design for increased line of sight to forks and load
- ✓ Simple F-N-R joystick mounted to the seat for ease of use and operator comfort
- ✓ EASY STEP cab floor allows for clear visibility of the step for entry and exit
- ✓ digital display with 50 operator aid messages to assist in correct operation
- ✓ high visibility orange seat belt to verify operator use
- ✓ stability system for machine re-position within restricted range

Key Specifications

- ✓ 8,000 lbs. (3629 kg) maximum lifting capacity
- ✓ 42' 6" (13 m) maximum lifting height
- ✓ 127 hp (95 kW) Deutz diesel engine

SPECIFICATIONS

		IMPERIAL	METRIC
Capacities	Max. capacity	8000 lb	3628.70 kg
	Max. lifting height	42 ft 6 in	12.96 m
	Maximum outreach	28 ft 6 in	8.69 m
Weight and dimensions	Overall length to carriage	20 ft 8 in	6.30 m
	Overall length (with forks)	24 ft 8 in	7.51 m
	Overall width	8 ft 2 in	2.48 m
	Overall height	8 ft	2.44 m
	Wheelbase	11 ft 6 in	3.50 m
	Ground clearance	1 ft 6 in	0.46 m
	Overall cab width	3 ft 1 in	0.95 m
	Tilt-up angle	34 °	34 °
	Tilt-down angle	96 °	96 °
	External turning radius	13 ft 2 in	4.01 m
	Overall weight	23951 lb	10864 kg
	Tires type	Pneumatic	Pneumatic
	Forks length / width / section	48 in x 4 in x 2 in	1219 mm x 101 mm x 50.80 mm
Performances	Frame leveling longitudinal +/-	10 °	10 °
	Frame leveling corrector	10 °	10 °
	Lifting	11 s	11 s
	Lowering	6 s	6 s
	Extension	17 s	17 s
	Retraction	11 s	11 s
	Crowd	4 s	4 s
Engine	Dump	6 s	6 s
	Engine brand	Deutz	Deutz
	Engine norm	Tier 4 final	Tier 4 final
	Engine model	TCD 3.6 L4	TCD 3.6 L4
	Number of cylinders / Capacity of cylinders	4 - 220 in³	4 - 3600 cm³
	I.C. Engine power rating - Power	127 Hp / 95 kW	127 Hp / 95 kW
	Max. torque / Engine rotation	369 ft/lbs @ 2300 rpm	500 Nm @ 2300 rpm
Transmission	Transmission type	Powershift	Powershift
	Number of gears (forward / reverse)	5 / 3	5 / 3
	Max. travel speed	21 mph	34.60 km/h
	Parking brake	Hydraulic spring release SAHR	Hydraulic spring release SAHR
	Service brake	Wet disc brakes	Wet disc brakes
Hydraulics	Hydraulic pump type	Axial piston	Axial piston
	Hydraulic flow / Pressure	40 US gpm-4000 PSI	151 l/min-275.80 bar
Tank capacities	Engine oil	2 US gal	8.51 l
	Hydraulic oil	36 US gal	136.30 l
	Diesel Exhaust fluid (AdBlue® type)	4 US gal	15.14 l
	Fuel tank	38 US gal	144 l
Noise and vibration	Noise at driving position (LpA)	80 dB	80 dB
Miscellaneous	Steering wheels (front / rear)	2 / 2	2 / 2
	Drive wheels (front / rear)	2 / 2	2 / 2



STANDARD FEATURES

- Four Wheel Drive
- Crab mode
- Boom Tip Lift Hook
- Rear Axle Stabilization
- Wet disc brakes
- Back-Up Alarm
- Engine Block Heater
- 12Volt Power Port
- 12 Volt Battery
- Self-Leveling Forks
- Easy Manager
- Multi-Function Display Screen

OPTIONAL FEATURES

- A/C Cabin
- Suspension Seat
- Rock Tread - Air Foam Tires
- Cabin with Heat
- Work Lights - Front and Rear

Manitou Group reminds users to read and understand the operator's manual before operating any equipment. Also, make sure all safety devices and shields are in place and functioning properly. Manitou Group reserves the right to add improvements or make changes in specifications at any time without notice or obligation.



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GEHL COMPACT EQUIPMENT