

RS 12-42 GEN:4

CONSTRUCTION TELEHANDLERS



Key Features

- ✓ Simple F-N-R joystick operation
- ✓ 4-wheel drive / 4-wheel steer
- ✓ High capacity for industrial, mining, energy and infrastructure applications
- ✓ 360° operator visibility

Key Specifications

- ✓ 12,000 lbs. (5444 kg) maximum lifting capacity
- ✓ 42' 4" (12.9 m) maximum lifting height
- ✓ 10,000 lbs. (4536 kg) lift capacity to 42' 4" (12.9 m)
- ✓ 120 hp (89 kW) Deutz diesel engine

SPECIFICATIONS

		IMPERIAL	METRIC
Capacities	Max. capacity	12000 lb	5443.10 kg
	Max. lifting height	42 ft 4 in	12.90 m
	Maximum outreach	27 ft 11 in	8.51 m
Weight and dimensions	Overall length to carriage	19 ft 3 in	5.87 m
	Length to face of forks	19 ft 4 in	5.90 m
	Overall width	8 ft 3 in	2.51 m
	Overall height	7 ft 11 in	2.41 m
	Wheelbase	10 ft 4 in	3.15 m
	Ground clearance	18 in	457.20 mm
	Overall cab width	33 in	838 mm
	Tilt-up angle	12 °	12 °
	Tilt-down angle	112 °	112 °
	External turning radius	13 ft 11 in	4.24 m
	Unladen weight (with forks)	25201 lb	11431 kg
	Overall weight	25200 lb	11430.53 kg
	Standard tires	14 x 24	14 x 24
Engine	Frame leveling longitudinal +/-	10 °	10 °
	Frame leveling corrector	10 °	10 °
	Engine brand	Deutz	Deutz
	Engine norm	Tier 4 final	Tier 4 final
	Engine model	TCD 3.6 L4	TCD 3.6 L4
Transmission	Number of cylinders / Capacity of cylinders	4 - 0.23 in³	4 - 3.80 cm³
	I.C. Engine power rating - Power	120 Hp / 89 kW	120 Hp / 89 kW
	Max. torque / Engine rotation	354 ft/lbs @ 1600 rpm	480 Nm @ 1600 rpm
	Transmission type	Torque converter with powershift gearbox	Torque converter with powershift gearbox
	Number of gears (forward / reverse)	4 / 3	4 / 3
Hydraulics	Max. travel speed	20 mph	32.30 km/h
	Parking brake	Hydraulic spring release SAHR	Hydraulic spring release SAHR
	Service brake	Wet disc brakes	Wet disc brakes
	Axle Manufacturer	Dana	Dana
	Hydraulic pump type	Gear pump	Gear pump
Tank capacities	Hydraulic flow / Pressure	41 US gpm-3002 PSI	157.09 l/min-207 bar
	Engine oil	4 US gal	14.70 l
	Hydraulic oil	45 US gal	170 l
	Diesel Exhaust fluid (AdBlue® type)	5 US gal	19 l
	Fuel tank	47 US gal	177.91 l
Miscellaneous	Steering wheels (front / rear)	2 / 2	2 / 2
	Drive wheels (front / rear)	2 / 2	2 / 2
	Cab certification	ROPS/FOPS	ROPS/FOPS
	Controls	Single Joystick FNR	Single Joystick FNR



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

- Suspension Seat
- Light Package - LED
- Rearview Camera
- Solid Rubber Tires
- Rock Tread - Air Foam Tires
- Front Outriggers
- Foam Filled Tires
- Enclosed Cab with Heat and Defrost
- PWP System 3-Section Boom
- Enclosed Cab with Heat and A/C

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