

# RS 12-42 GEN: 3

RS

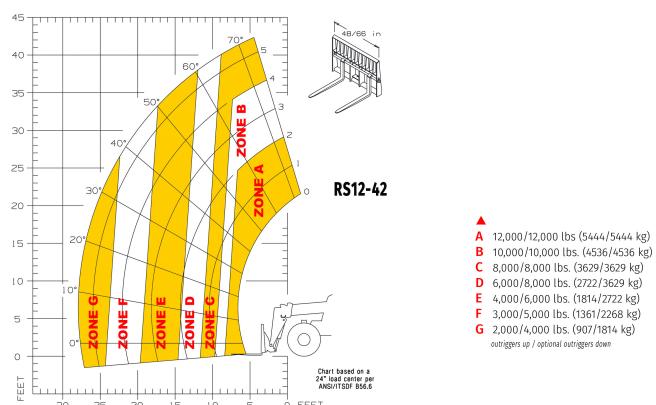


**GEHL**<sup>®</sup>

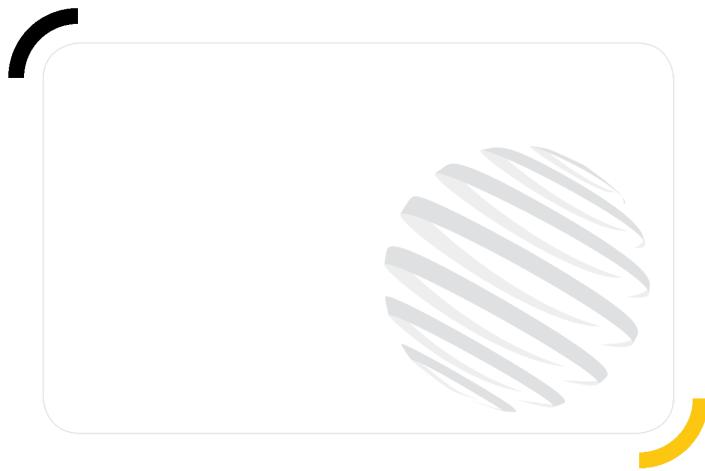
Capacities		Metric		Imperial	
Max. capacity		5443.12 kg		12000.02 lbs	
Max. lifting height		12.90 m		42 ft 3.87 in	
Max. Reach		8.51 m		27 ft 11.03 in	
Weight and dimensions					
Overall length to carriage	l11	5.87 m		19 ft 3.10 in	
Overall length (with forks)	l1	5.90 m		19 ft 4.28 in	
Overall width	b1	2.51 m		8 ft 2.81 in	
Overall height	h17	2.41 m		7 ft 10.88 in	
Wheelbase	y	3.15 m		10 ft 4.01 in	
Ground clearance	m4	457.20 mm		1 ft 6 in	
Overall cab width	b4	838 mm		2 ft 8.99 in	
Tilt-up angle	a4	12 °		12 °	
Tilt-down angle	a5	112 °		112 °	
External turning radius	Wa3	4.24 m		13 ft 10.92 in	
Unladen weight (with forks)		11431 kg		25201.04 lbs	
Standard tyres		14 x 24		14 x 24	
Frame levelling longitudinal +/-		10 °		10 °	
Performances					
Lifting		15 s		15 s	
Lowering		10 s		10 s	
Extension		14 s		14 s	
Retraction		10 s		10 s	
Crowd		6 s		6 s	
Dump		3 s		3 s	
Engine					
Engine brand		Cummins		Cummins	
Engine norm		Tier IV Final		Tier IV Final	
Engine model		QSF 3.8		QSF 3.8	
Number of cylinders / Capacity of cylinders		4 - 3.80 cm <sup>3</sup>		4 - 0.23 in <sup>3</sup>	
I.C. Engine power rating - Power (kW)		120 Hp / 89 kW		120 Hp / 89 kW	
Max. torque / Engine rotation		488 Nm @ 2500 rpm		488 Nm @ 2500 rpm	
Transmission					
Transmission type		Torque Converter with powershift		Torque Converter with powershift	
Number of gears (forward / reverse)		4 / 3		4 / 3	
Parking brake		SAHR		SAHR	
Service brake		Wet disc brakes		Wet disc brakes	
Axle Manufacturer		Dana		Dana	
Hydraulics					
Hydraulic pump type		Gear pump		Gear pump	
Hydraulic flow / Pressure		157.09 l/min / 207 Bar		157.09 l/min / 3002.27 PSI	
Tank capacities					
Engine oil		14.70 l		3.88 US gal	
Hydraulic oil		170 l		44.90 US gal	
Fuel tank		177.91 l		46.99 US gal	
DEF tank capacity		19 l		5.01 US gal	
Miscellaneous					
Steering wheels (front / rear)		2 / 2		2 / 2	
Drive wheels (front / rear)		2 / 2		2 / 2	
Safety cab homologation		ROPS/FOPS		ROPS/FOPS	
Controls		Single Joystick FNR		Single Joystick FNR	

## Load chart

Load Chart imperial







# GEHL®

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