

RS6-42 GEN-4

RS

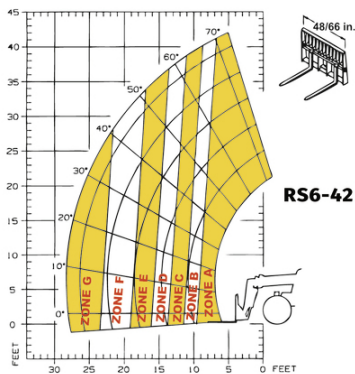


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Capacities		Metric	Imperial
Max. capacity		2993.71 kg	6600 lb
Max. lifting height		12.80 m	42 ft
Max. outreach		8.61 m	28 ft 3 in
Weight and dimensions			
Length to face of forks	l2	5.81 m	19 ft 1 in
Overall width	b1	2.50 m	8 ft 2 in
Overall height	h17	2.39 m	7 ft 10 in
Wheelbase	y	3.03 m	9 ft 11 in
Ground clearance	m4	406.40 mm	16 in
Overall cab width	b4	838 mm	33 in
Tilt-up angle	a4	12 °	12 °
Tilt-down angle	a5	112 °	112 °
External turning radius	Wa3	4.17 m	13 ft 8 in
Unladen weight (with forks)		9979 kg	22000 lb
Overall weight		9979.03 kg	22000 lb
Standard tyres		13 x 24	13 x 24
Frame levelling longitudinal +/-		10 °	10 °
Frame levelling corrector	a9	10 °	10 °
Engine			
Engine brand		Deutz	Deutz
Engine norm		Tier 4 final	Tier 4 final
Engine model		TCD 3.6 L4	TCD 3.6 L4
I.C. Engine power rating - Power (kW)		120 Hp / 89 kW	120 Hp / 89 kW
Max. torque / Engine rotation		480 Nm @ 1600 rpm	354 ft/lbs @ 1600 rpm
Transmission			
Transmission type		Torque converter with powershift	Torque converter with powershift
Number of gears (forward / reverse)		3 / 3	3 / 3
Max. travel speed		31.50 km/h	20 mi/h
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		157.10 l/min-207 bar	42 US gpm-3002 PSI
Tank capacities			
Engine oil		14.70 l	4 US gal
Hydraulic oil		170 l	45 US gal
Fuel tank		177.91 l	47 US gal
DEF tank capacity		19 l	5 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 with FNR	Single joystick with FNR

RS6-42 GEN:4 - Load chart

Machine on tyres with forks Imperial



- A 6,600/6,600 lbs. (2994/2994 kg)
- B 6,000/6,600 lbs. (2722/2994 kg)
- C 5,000/6,000 lbs. (2268/2722 kg)
- D 4,000/4,000 lbs. (1814/1814 kg)
- E 3,000/4,000 lbs. (1361/1814 kg)
- F 2,000/4,000 lbs. (907/1814 kg)
- G 1,000/3,000 lbs. (454/1361 kg)

outriggers up / optimal outriggers down



GEHL®

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