

RS 10-55 GEN. 3

RS

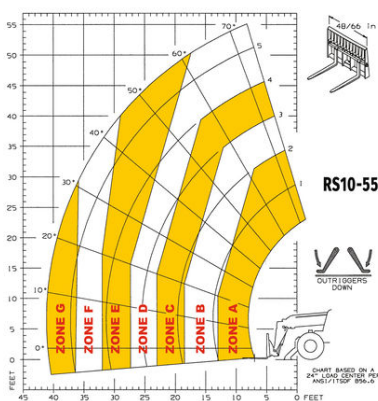


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Capacities		Metric	Imperial
Max. capacity		4535.94 kg	10000.03 lbs
Max. lifting height		16.79 m	55 ft 1.02 in
Max. Reach		12.55 m	41 ft 2.09 in
Weight and dimensions			
Overall length to carriage	l11	6.40 m	20 ft 11.96 in
Overall length (with forks)	l1	6.40 m	20 ft 11.96 in
Overall width	b1	2.51 m	8 ft 2.81 in
Overall height	h17	2.59 m	8 ft 5.96 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)		12610 kg	27800.29 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		15 s	15 s
Retraction		12 s	12 s
Crowd		10 s	10 s
Dump		5 s	5 s
Engine			
Engine brand		Cummins	Cummins
Engine norm		Tier 4 final	Tier 4 final
Engine model		QSF 3.8	QSF 3.8
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
Travel speed (laden)		32.30 km/h	20.07 mph
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	44.91 US gal
Fuel tank		177.90 l	47 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

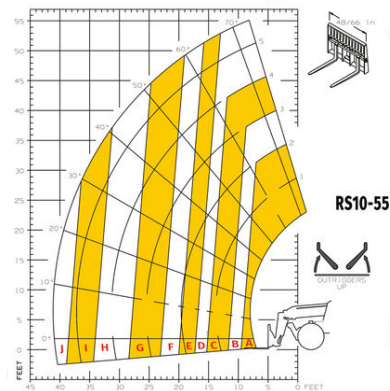
Load chart

Machine on stabilizers with forks Imperial

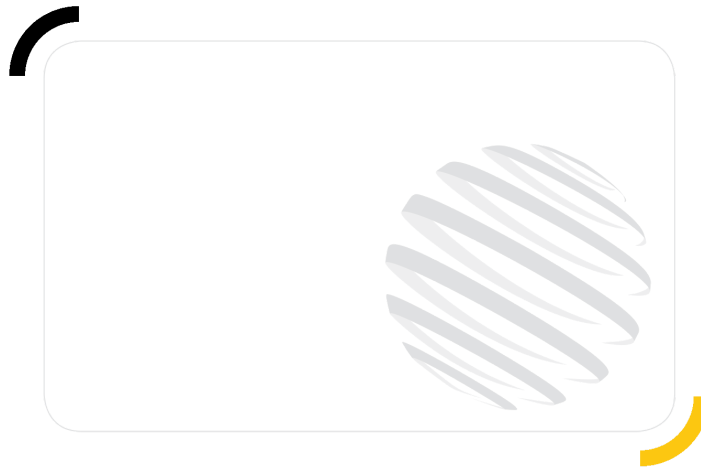


- A 10,000 lbs. (4536 kg)
- B 8,000 lbs. (3629 kg)
- C 6,000 lbs. (2722 kg)
- D 5,000 lbs. (2268 kg)
- E 4,000 lbs. (1814 kg)
- F 3,000 lbs. (1361 kg)
- G 2,000 lbs. (907 kg)

Load Chart imperial



- A 10,000 lbs. (4536 kg)
- B 8,000 lbs. (3629 kg)
- C 6,000 lbs. (2722 kg)
- D 5,000 lbs. (2268 kg)
- E 4,000 lbs. (1814 kg)
- F 3,000 lbs. (1361 kg)
- G 2,000 lbs. (907 kg)
- H 1,000 lbs. (454 kg)
- I 500 lbs. (227 kg)
- J 250 lbs. (113 kg)



GEHL®

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