

# RS9-50 GEN:3

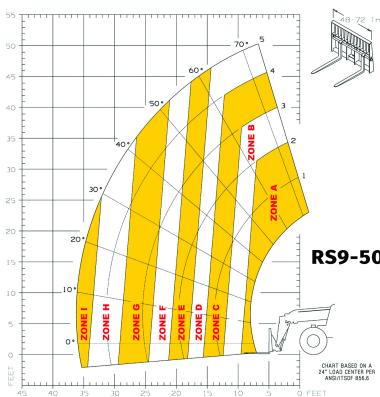
RS



Capacities		Metric	Imperial
Max. capacity		4083 kg	9001.47 lbs
Max. lifting height		15.30 m	50 ft 2.36 in
Max. Reach		11.15 m	36 ft 6.97 in
Weight and dimensions			
Overall length to carriage	l11	6.40 m	20 ft 11.96 in
Overall width	b1	2.53 m	8 ft 3.60 in
Overall height	h17	2.60 m	8 ft 6.36 in
Wheelbase	y	3.15 m	10 ft 4.01 in
Ground clearance	m4	457 mm	1 ft 5.99 in
Overall cab width	b4	8.38 m	27 ft 5.92 in
External turning radius	Wa3	4.24 m	13 ft 10.92 in
Unladen weight (with forks)		13563 kg	29901.29 lbs
Standard tyres		14 x 24	14 x 24
Frame levelling longitudinal +/-		10 °	10 °
Engine			
Engine brand		Cummins	Cummins
Engine norm		Stage IV / Tier 4 Final	Stage IV / 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
Max. travel speed		31.10 km/h	19.32 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 l/min / 207 Bar	157 l/min / 3002.27 PSI
Tank capacities			
Hydraulic oil		117 l	30.90 US gal
Fuel tank		178 l	47.02 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

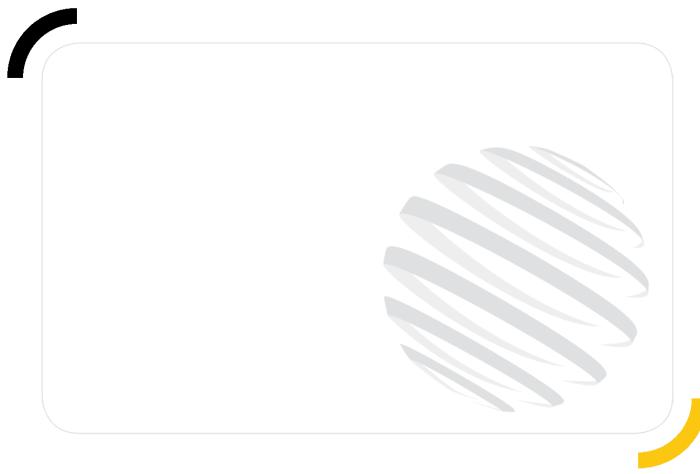
Load Chart Other Imperial



Load Chart imperial  
RS9-50 GEN3



- ▲ A 9,000 lbs. (4082 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)



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