

RS8-44 GEN.4

RS

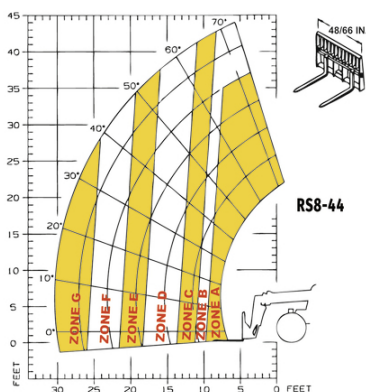


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Capacities		Metric	Imperial
Max. capacity		3628.73 kg	8000 lb
Max. lifting height		13.41 m	44 ft
Max. outreach		9.27 m	30 ft 5 in
Weight and dimensions			
Length to face of forks	l2	5.82 m	19 ft 1 in
Overall width	b1	2.50 m	8 ft 2 in
Overall height	h17	2.39 m	7 ft 10 in
Wheelbase	y	3.05 m	10 ft
Ground clearance	m4	406 mm	16 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)		10659.40 kg	23500 lb
Overall weight		10660 kg	23501 lb
Standard tires		13 x 24	13 x 24
Frame leveling longitudinal +/-		10 °	10 °
Frame leveling 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		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 gearbox	Torque converter with powershift gearbox
Number of gears (forward / reverse)		3 / 3	3 / 3
Travel speed (laden)		31.54 km/h	20 mph
Max. travel speed		31.50 km/h	20 mph
Parking brake		Hydraulic spring release SAHR	Hydraulic spring release 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	41 US gpm-3002 PSI
Tank capacities			
Hydraulic oil		117.35 l	31 US gal
Fuel tank		178 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 FNR	Single Joystick FNR

RS8-44 GEN:4 - Load chart

Machine on tires with forks Imperial



- ▲ A 8,000/8,000 lbs. (3629/3629 kg)
 - B 7,000/8,000 lbs. (3175/3629 kg)
 - C 6,000/8,000 lbs. (2722/3629 kg)
 - D 4,000/6,000 lbs. (1814/2722 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 / optional outriggers down



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