



SPECIFICATIONS, RT80

DIMENSIONS

	U.S.	METRIC
Angle of approach: 22°		
Height	97 in	2.46 m
Length, nose to rear mount	114 in	2.9 m
Length, transport	129 in	3.28 m
Wheelbase	60 in	1.53 m
Width	76 in	1.93 m
Tread	58 in	1.46 m
Rear axle to attachment mount holes	14.7 in	373 mm

OPERATION

	U.S.	METRIC
Forward speeds		
Low gearbox/low motor	2.4 mph	3.9 km/h
Low gearbox/high motor	3.8 mph	6.1 km/h
High gearbox/low motor	6.8 mph	10.9 km/h
High gearbox/high motor	10.5 mph	16.9 km/h
Reverse speeds		
Low gearbox/low motor	1.0 mph	1.6 km/h
Low gearbox/high motor	1.6 mph	2.6 km/h
High gearbox/low motor	3.1 mph	5 km/h
High gearbox/high motor	4.5 mph	7.2 km/h
Vehicle clearance circle (SAE) wall to wall with backfill blade	33.5 ft	10.2 m
Front steer only	21.5 ft	6.5 m
Front and rear steer	11.6 in	294 mm
Ground clearance	10,710 lb	4858 kg
Basic unit weight (5-ft boom, 70,000k chain)	1840 lb	835 kg
Front counterweight		

BACKFILL BLADE

	U.S.	METRIC
Blade width	72 in	1.83 m
Blade height	14 in	355 mm
Blade height	19 in	480 mm
Lift height above ground	12 in	305 mm
Blade drop below ground		
Maximum swing angle (left/right): 30°		
Tilt angle (up/down): 16°		

POWER

	U.S.	METRIC
Engine: Deutz TD2011L04W, diesel		
Cooling medium: Liquid		
Injection: Direct		
Aspiration: Turbocharged		
Number of cylinders: 4	221 in ³	3.62 L

Displacement	3.78 in	96 mm
Bore	4.92 in	125 mm
Stroke	83 hp	62 kW
Engine manufacturer's gross power rating (SAE J1995)	78 hp	58.2 kW
Estimated net power rating (SAE J1349)		
Rated speed: 2600 rpm	EPA Tier 3	EU Stage IIIa
Emissions compliance		

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