

SPECIFICATIONS, RT100

	U.S.	METRIC
DIMENSIONS		
Height	116 in	2.95 m
Length, nose to rear mount	135 in	3.4 m
Length, transport	156 in	3.9 m
Wheelbase	78 in	1.98 m
Width	82 in	2.1 m
Angle of approach	23°	
Tread	65 in	1.65 m

POWER PLANT		
Engine	Deutz® TCD3.6L4	
Cooling medium	Liquid	
Injection	Direct	
Aspiration	Turbocharged, charge air cooled	
Number of cylinders	4	
Displacement	220 in³	3.6 L
Bore	3.86 in	98 mm
Stroke	4.72 in	120 mm
Engine manufacturer's gross power rating (SAE J1349)	100 hp	74.5 kW
Rated speed	2,300 rpm	
Emissions compliance	EPA Tier 4i	EU Stage IIIB

POWER TRAIN		
Ground drive transmission	Powershift (driving), hydrostatic (digging)	
Differentials	Planetary front and rear w/optional rear steering	
Parking brake	Disc, hand operated	
Tires	30 x 18 - 20 14-ply bar lug flotation; inflate to 45 psi (3.1 bar)	
Attachment drive transmission	Powershift, lever-operated speed infinitely variable from zero to maximum forward with limited stroke reverse	
Emissions compliance (rest of world)	EPA Tier 3	EU Stage IIIa

OPERATION		
Forward speed		
Low/low	0.44 mph	0.71 km/h
Low	6.4 mph	9.91 km/h
High	9.5 mph	14.85 km/h
Reverse speed		
Low/low	0.44 mph	0.71 km/h
Low	6 mph	9.65 km/h
High	8.89 mph	14.31 km/h
Vehicle clearance circle (SAE) wall to wall w/backfill blade		
Front steer only	35 ft	11 m
Front and rear steer	21 ft	6 m
Ground clearance	14 in	355 mm
Basic unit weight	8,880 lb	4028 kg
Front counterweight	1,300 lb	590 kg
Allowable tractor weight, max	19,300 lb	8754 kg

	U.S.	METRIC
HYDRAULIC SYSTEM @ 2,300 RPM		
Ground drive pump capacity	9.7 gpm	36.7 l/min
Ground drive pump relief pressure	4,000 psi	276 bar
Auxiliary pump capacity	13.6 gpm	51.5 l/min
Auxiliary pump relief pressure	2,500 psi	172 bar

FLUID CAPACITIES		
Fuel tank	3.8 gal	114 L
Engine oil	8.5 qt	8 L
Hydraulic reservoir	24 gal	91 L
Hydraulic system	29 gal	110 L

NOISE LEVEL		
Sound pressure	93 dBA	
Sound power	108 dBA	

BACKFILL BLADE		
Blade width	80 in	2 m
Blade height	18 in	457 mm
Lift height above ground	20 in	508 mm
Blade drop below ground	14 in	356 mm
Swing angle, max, left/right	25°	
Tilt angle, up/down	12°	

BATTERY		
Group	34H	
SAE reserve capacity rating	120 min	

Specifications are general and subject to change without notice. If exact measurements are required, equipment should be weighed and measured. Due to selected options, delivered equipment may not necessarily match that shown.