

SPECIFICATIONS, RT120 QUAD

	U.S.	METRIC
DIMENSIONS		
Height	117 in	2.97 m
Nose to rear mount length	125 in	3.18 m
Length, transport	166 in	4.22 m
Wheelbase	79 in	2.01 m
Width	89 in	2.26 m
Angle of approach	34°	
Tread	71 in	1.8 m
POWER		
Engine	Deutz® TCD3.6L4	
Fuel	Diesel	
Cooling medium	Liquid	
Injection	Direct	
Aspiration	Turbocharged, charge air cooled	
Number of cylinders	4	
Displacement	221 in³	3.6 L
Bore	3.86 in	98 mm
Stroke	4.72 in	120 mm
Manufacturer's gross power rating (SAE J1995)	121 hp	90 kW
Rated speed	2,300 rpm	
Engine tilt angles, max		
Longitudinal/lateral	30°	
Emissions compliance	EPA Tier 4i	EU Stage IIIb
Emissions compliance (rest of world)	EPA Tier 3	EU Stage IIIa
POWER TRAIN		
Ground drive transmission	Hydrostatic	
Differentials	Planetary front and rear with rear steering	
Service brake	Hydrostatic	
Parking brake	Disc, hand operated	
Tracks	450 x 86 x 42, rubber track, chevron pattern	
Attachment drive transmission	Hydrostatic	
OPERATION		
Forward speed		
Low	2 mph	3.2 km/h
Medium	4.4 mph	7.1 km/h
High	7.2 mph	11.6 km/h
Reverse speed		
Low	2 mph	3.2 km/h
Medium	4.4 mph	7.1 km/h
High	4.7 mph	7.5 km/h
Vehicle clearance circle (SAE) wall to wall w/backfill blade		
Front steer only	39.5 ft	12 m
Coordinated steer	27 ft	8.2 m
Ground clearance	15.5 in	394 mm
Basic unit weight	13,600 lb	6169 kg
Allowable tractor weight, max	26,200 lb	11884 kg
Front counterweight	1,300 lb	590 kg
Side counterweight (each)	250 lb	114 kg

	U.S.	METRIC
HYDRAULIC SYSTEM @ 2,300 RPM		
Ground drive pump capacity	47.4 gpm	179 l/min
Ground drive pump relief pressure	6,200 psi	430 bar
Attachment pump capacity	47.4 gpm	179 l/min
Attachment pump relief pressure	6,200 psi	430 bar
Auxiliary pump capacity	13.8 gpm	52 l/min
Auxiliary pump relief pressure	3,300 psi	227.5 bar
FLUID CAPACITIES		
Fuel tank	38 gal	144 L
Engine oil	8.4 qt	8 L
Hydraulic reservoir	20 gal	76 L
Hydraulic system	25 gal	95 L
Cooling system	12.3 qt	11.6 L
BACKFILL BLADE		
Blade width	80 in	2.03 m
Blade height	17 in	430 mm
Lift height above ground	26 in	660 mm
Blade drop below ground	10 in	254 mm
Swing angle, max		
Left/right	30°	
Tilt angle		
Up/down	24°	
NOISE LEVELS		
Operator	92 dBA sound pressure per ISO 6394	
Exterior	109 dBA sound power per ISO 6393	
VIBRATIONAL LEVEL		
During normal operation, vibration transmitted to the operator's:		
Hand/arm	8.12 m/sec ²	
Whole body	1.44 m/sec ²	
Operator seat complies with ISO 7096		
BATTERY (2 USED)		
Group	65	
SAE reserve capacity	165 min	
SAE cold crank @ 0°F (-18°C)	875 amps	
Auxiliary power outlet	12V, 10 amps	

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. See your dealer for counterweighing requirements.