

SPECIFICATIONS, RT55

	U.S.	METRIC
DIMENSIONS, WITH 31 X 15.50-15 TIRES		
Height	95.2 in	2.42 m
Width	71 in	1.8 m
Length, nose to rear mount	114 in	2.9 m
Length, transport	128 in	3.25 m
Basic unit weight	5,610 lb	2545 kg
Front counterweight	1,915 lb	869 kg
Wheelbase	60 in	1.52 m
Spoil discharge reach, min to max	17-30 in	430-760 mm
Tread	55 in	1.4 m
Ground clearance	10 in	254 mm
Rear axle, center to rear attachment		
Mounting holes	14.7 in	373 mm
POWER		
Engine	Deutz® D2011L040	
Fuel	Diesel	
Injection	Direct	
Aspiration	Natural	
Number of cylinders	4	
Displacement	221 in ³	3.62 L
Bore	3.8 in	97 mm
Stroke	5 in	127 mm
Gross power rating (SAE J1995)	62 hp	46 kW
Rated speed	2,600 rpm	
Emissions compliance	EPA Tier 4 Interim	EU Stage IIIa
POWER TRAIN		
Ground drive transmission	Hydrostatic drive, infinitely variable from zero to maximum, foot-pedal and hand-lever operated speed/direction control	
Differentials	Planetary front and rear with optional rear steering	
Service brake	Ground drive speed/direction control brakes machine hydraulically when moved to neutral position	
Attachment drive transmission	Hydrostatic, lever-operated, speed infinitely variable from zero to maximum	
Trencher drive transmission	Hydrostatic	

* Based on shortest boom with 6-in (152-mm) wide, 4-pitch chain and 175-lb (79-kg) operator.

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.

	U.S.	METRIC
OPERATION*		
Forward speed, max		
High/2nd	5.5 mph	8.9 km/h
Reverse speed, max		
Low	1.1 mph	1.8 km/h
High	3.4 mph	5.5 km/h
Vehicle clearance circle		
Front steer only	33.5 ft	10.21 m
Coordinated steer	21.5 ft	6.55 m
Digging chain speed, max	764 fpm	232.87 m/min
HYDRAULIC SYSTEM @ 2,600 RPM		
Ground drive pump capacity	32 gpm	121 l/min
Ground drive pump relief pressure	5,000 psi	345 bar
Attachment pump capacity	32 gpm	121 l/min
Attachment pump relief pressure		
Forward	5,450 psi	376 bar
Reverse	3,550 psi	245 bar
Auxiliary pump capacity		
Front pump	8 gpm	30 l/min
Rear pump	6 gpm	23 l/min
Auxiliary pump relief pressure	3,000 psi	207 bar
FLUID CAPACITIES		
Fuel tank	19.5 gal	74 L
Engine oil	16 qt	15 L
Hydraulic system	20 gal	76 L
Hydraulic reservoir	12 gal	45 L
BACKFILL BLADE		
Blade width	72 in	1.83 m
Blade height	14 in	356 mm
Lift height, above ground	17 in	430 mm
Blade drop, below ground	12 in	305 mm
Swing angle max left/right	30°	
Tilt angle, up/down	16°	
TIRES/PRESSURE		
35 x 19.00-16, 12-ply bar lug	55 psi	379 kPa
31 x 15.50-15, 8-ply bar lug	40 psi	276 kPa
BATTERY		
Group	78U	
Reserve capacity rating	110 min	
Cold crank rating @ 0°F (-18°C)	800 amps	
Auxiliary power outlet	12V, 10 amps	