



SPECIFICATIONS, RT45

	U.S.	METRIC
DIMENSIONS*		
Height	86 in	2.18 m
Length, transport	155 in	3.9 m
Width	64 in	1.6 m
Basic unit weight	4,200 lb	1910 kg
Wheelbase	48 in	1.22 m
Spoil discharge reach, min to max	17-20 in	430-510 mm
Tread	46 in	1.2 m
Ground clearance	7 in	180 mm
POWER		
Engine	Deutz® D2.9 L4	
Fuel	Diesel	
Cooling medium	Water	
Injection	Direct	
Aspiration	Natural	
Number of cylinders	4	
Displacement	177 in ³	2.9 L
Bore	3.6 in	92 mm
Stroke	4.3 in	110 mm
Gross power	48.8 hp	36.4 kW
Rated speed	2,600 rpm	
Emissions compliance	EPA Tier 4	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	Dana Model 44, limited slip; Dana Model 60, limited slip	
Parking brake	Disc, hand-operated	
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 forward with limited stroke reverse	
Trencher drive transmission	Hydrostatic	

* Dimensions are based on H313 attachment and shortest roller boom length, 26x12.00-12 standard tire and wheel, and 12-inch pivot.

** Operating weight based on H313 attachment, longest roller boom, heaviest chain, 175 lb operator, and 26x12.00-12 tires.

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	4.7 mph	7.6 km/h
Reverse speed, max	2.7 mph	4.4 km/h
Vehicle clearance circle		
Front steer only	28 ft	8.5 m
Coordinated steer only	20 ft	6.1 m
Digging chain speed, max (2,600 rpm engine speed)	460 fpm	140 m/min
Operating weight	5,375 lb	2438 kg
Headshaft speed, max (2,600 rpm engine speed)	233 rpm	233 r/min
HYDRAULIC SYSTEM @ 2,600 RPM		
Ground drive pump capacity	31.5 gpm	119 l/min
Ground drive pump relief pressure	3,650 psi	252 bar
Attachment drive		
Trencher	5,000 psi	345 bar
Plow/saw	3,750 psi	259 bar
Attachment pump capacity	31.5 gpm	119 l/min
Auxiliary pump capacity	11.5 gpm	44 l/min
Auxiliary pump relief pressure	2,100 psi	145 bar
NOISE LEVELS		
Operator	96 dbA sound pressure per ISO 6394	
Exterior	108 dbA sound power per ISO 6393	
FLUID CAPACITIES		
Fuel tank	13 gal	49 L
Engine oil	6.4 qt	6.1 L
Hydraulic system	13 gal	49 L
Hydraulic reservoir	9.5 gal	36 L
Coolant	3 gal	11 L
BACKFILL BLADE		
Blade width	64 in	1.6 m
Blade height	14 in	355 mm
Lift height, above ground	12 in	300 mm
Blade drop, below ground	8 in	200 mm
Swing angle, max		
Left/right	28°	
Tilt angle		
Up/down	11°	
TIRES/PRESSURE		
26 x 12-12, 4-ply bar lug	1,780 lb @ 20 psi	807 kg @ 1.40 bar
29 x 12.50-15, 8-ply bar lug (optional)	2,150 lb @ 30 psi	975 kg @ 2.07 bar
BATTERY		
Group	26/26R/70	
SAE Reserve capacity rating	165 min	
Cold crank rating @ 0°F (-18°C)	850 amps	
Auxiliary power outlet	12V, 5 amps	