



SPECIFICATIONS, RT115

DIMENSIONS

Angle of approach: 25°
 Height, to highest point
 Length
 Length, tractor transport
 Wheelbase
 Width (rubber tracks/rubber tires)
 Tread

U.S.

111 in
 128 in
 148 in
 73 in
 82 in
 64 in

METRIC

2.82 m
 3.25 m
 3.76 m
 1.85 m
 2.08 m
 1.63 m

OPERATION

Forward speeds
 Low/Low
 Low/High
 High/Low
 High/High
 Reverse speeds
 Low/Low
 Low/High
 High/Low
 High/High
 Front counterweight
 Vehicle clearance circle (SAE), wall-to-wall, w/ backfill blade
 Front steer only
 Front and rear steer
 Basic unit weight
 Ground clearance

U.S.

0.6 mph
 1.2 mph
 4.2 mph
 9 mph

 0.3 mph
 0.7 mph
 2.8 mph
 6 mph
 2100 lb

METRIC

0.9 km/h
 2 km/h
 6.8 km/h
 14.5 km/h

 0.5 km/h
 1.2 km/h
 4.7 km/h
 9.9 km/h
 950 kg

BACKFILL BLADE

Blade width
 Blade height
 Lift height, above ground
 Blade drop, below ground
 Maximum, swing angle, left/right: 30°
 Tilt angle, up/down: 24°

U.S.

80 in
 17 in
 21 in
 11 in

METRIC

2.03 m
 430 mm
 530 mm
 280 mm

POWER

Engine: John Deere 4045HF285
 Fuel: Diesel
 Cooling medium: Liquid
 Injection: Direct
 Aspiration: Turbocharged & air cooled
 Number of cylinders: 4
 Displacement

U.S.

275 in³

METRIC

4.5 L

Bore	4.19 in	106 mm
Stroke	5 in	127 mm
Manufacturer's gross power rating (per SAE J1995)	115 hp	86 kW
Estimated net power (per SAE J1349)	103 hp	77 kW
Rated speed: 2400 rpm		
Emissions compliance	EPA Tier 3	EU Stage IIIa

POWER TRAIN

Ground drive transmission: Hydrostatic

Attachment drive transmission: Hydrostatic, lever-operated, speed infinitely variable from zero to maximum

Differentials: Planetary front and rear with optional rear steering

Service brake: Disc, foot-operated

Parking brake: Disc, hand-operated

Tires/pressure (38 x 18.00-20, 14-ply bar lug flotation)	72 psi	496 kPa
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HYDRAULIC SYSTEM @ 2500 RPM

	U.S.	METRIC
Pump capacity	29.2 gpm	110.5 L/min
Pump relief pressure	5000 psi	345 bar
Attachment pump		
Capacity	48 gpm	182 L/min
Relief pressure	6090 psi	420 bar
Auxiliary pump		
Capacity	12.5 gpm	47.3 L/min
Relief pressure	2500 psi	172 bar

FLUID CAPACITIES

	U.S.	METRIC
Fuel tank	38 gal	144 L
Engine oil	16 qt	15 L
Hydraulic reservoir	24 gal	91 L
Hydraulic system	29 gal	110 L
Cooling system	18 qt	16.8 L

BATTERY

SAE reserve capacity rating: 165 min

SAE cold crank rating @ 0° F (-18° C): 875 A

Auxiliary power outlet: 12V, 10 A

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.

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