

RT55 TRACTOR



RIDE-ON

RT55 TRACTOR

1

Integrated front cast weight reduces the need for extended weight racks, no matter which attachment is used.

2

Quiet, emissions-compliant Deutz® engine is built for maximum power and minimal maintenance.

3

Operator's station features easy-to-read gauge cluster, 90-degree swivel seat, sloped hood design, and optional cruise control system.

4

Heavy-duty frame, ground drive components and backfill blade assembly ensure maximum durability and reliability.

6

Two-piece hood design allows easy access to engine compartment for service and daily maintenance.

5

Planetary axles provide greater torque at the wheel and higher ground clearance.



The 62-hp (46-kW) **Ditch Witch® RT55** is designed for the toughest, tightest landscapes. Compact, powerful and equipped with a low-noise Deutz® engine, the RT55 lets you work efficiently and inconspicuously even in the most sensitive settings. And with the RT55's multiple attachments—backhoe, plow, saw, reel carrier, and trencher/plow combo—you can be as versatile as you want to be.

WE'RE IN THIS TOGETHER.



RT55 TRACTOR ATTACHMENTS



H533 VIBRATORY PLOW

DIMENSIONS

	U.S.	METRIC
Angle of departure, transport, 24-in (610-mm) blade	23°	
Attachment length, plow in stow lock, no blade	62 in	1.57 m
Cover depth*	30 in	762 mm
Attachment weight, w/out plow blade	1355 lb	615 kg



H516 TRENCHER

DIMENSIONS

	U.S.	METRIC
Angle of departure	25°	
Trench depth, max	62 in	1.57 m
Trench width, min to max	6-12 in	150-305 mm
Transport length	102 in	2.6 m
Attachment weight w/4-ft (1.2-m) roller boom & 70-k chain	1,950 lb	885 kg



H540 SAW

DIMENSIONS

	U.S.	METRIC
Angle of departure	20°	
Trench depth, max	26 in	660 mm
Overall length, transport	214 in	5.44 m
Number of teeth		
5-in (130-mm) width	39	
6-in (150-mm) width	45	
7-in (180-mm) width	51	
Attachment weight	2,620 lb	1188 kg



A523 BACKHOE

DIMENSIONS

	U.S.	METRIC
Backhoe length, stowed	57.2 in	1.45 m
Digging depth, max	94.5 in	2.4 m
Reach from swing pivot	142.2 in	3.61 m

GENERAL

	U.S.	METRIC
Bucket width	12-18 in	305-460 mm
Backhoe weight w/bucket	2,150 lb	975 kg
Swing arc	170°	



RC55 REEL CARRIER

DIMENSIONS

	U.S.	METRIC
Reel diameter, max	60 in	1.52 m
Internal width	46 in	1.17 m
Capacity	1,500 lb	680 kg
Attachment weight	600 lb	270 kg



H553 TRENCHER/PLOW COMBO

DIMENSIONS

	U.S.	METRIC
Angle of departure	25°	
Trench width	6-12 in	150-305 mm
Transport length	102 in	2.6 m
Attachment length	102 in	2.6 m
Cover depth*	30 in	762 mm

GENERAL

	U.S.	METRIC
Operating weight w/out boom, chain or plow blade	2,159 lb	960 kg



MT12 MICROTRENCHER

DIMENSIONS, WITH 31 X 10 SOLID TIRES

	U.S.	METRIC
Angle of departure	19°	
Trench depth 1-ft (25.4-mm) increments	6.5-12.5 in	165-318 mm
Trench width	0.75-1.5 in	19-38 mm
Blade diameter	34 in	864 mm
Attachment weight (includes mount kit)	1,480 lb	673 kg

* Suggested maximum. Plow blade used will be determined by job requirements and soil conditions.



RT55 TRACTOR SPECIFICATIONS

DIMENSIONS, WITH 31 X 15.50-15 TIRES

	U.S.	METRIC
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

	U.S.	METRIC
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

	U.S.	METRIC
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.

OPERATION*

	U.S.	METRIC
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

	U.S.	METRIC
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

	U.S.	METRIC
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

	U.S.	METRIC
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

	U.S.	METRIC
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

	U.S.	METRIC
Group	78U	
Reserve capacity rating	110 min	
Cold crank rating @ 0°F (-18°C)	800 amps	
Auxiliary power outlet	12V, 10 amps	



FIND THE SUPPORT YOU NEED AT YOUR DITCH WITCH® DEALER, INCLUDING:



DIGGING SYSTEMS

Replacing worn digging system components is essential to maintaining maximum productivity from your trencher. See your dealer for genuine Ditch Witch chain, specially manufactured headshaft sprockets and digging teeth, which are designed to work together as a system to provide unparalleled trenching performance.



PARTS

Tires, rubber tracks, o-ring kits, decals, paint, filters, hydraulic cylinder kits, belts, and many other accessories and replacement parts are available at your local Ditch Witch dealership, where you'll also find expert advice that comes from years of experience in the underground construction industry.



SERVICE

Your Ditch Witch dealership offers professional service technicians who are extensively trained in every aspect of Ditch Witch equipment maintenance and repair. Ask a service representative about our Orange Armor® Planned Maintenance program, a schedule of maintenance at factory-suggested intervals that keeps your equipment in peak operating condition.

