

RT125 QUAD TRACTOR

 **Ditch Witch**[®]



RIDE-ON

RT125 QUAD TRACTOR



1 Ergonomically designed rotating seat and controls console rotates 120 degrees with the operator for easier, more comfortable operation.

2 Three-speed, shift-on-the-fly ground drive senses load conditions and automatically adjusts for maximum performance.

3 Dial control design gives the operator precise control of the ground drive speed and attachments, maximizing production.

4 Updated foot pedal design, easy-to-read gauges and controls and a tilt steering column provide operator with the controls needed to get the job done efficiently.

5 121-hp (90-kW) turbocharged Tier 4 Deutz® diesel engine and reliable hydrostatic transmission keep the RT125 Quad running strong all day long.

6 Standard tilt-frame configuration helps you dig a vertical trench on uneven ground.

7 Innovative, long-lasting chevron-pattern tracks provide superior traction.

8 Heavy-duty, robust quad track frames with each assembly weighing 1,500 lb (680.4 kg) helps provide a low center of gravity for increased stability, production and drawbar.

9 Best-in-class ground clearance of 15.5 inches (394 mm) helps the RT125 Quad be more productive over rough terrain.

10 Rear steering gives the RT125 Quad a tighter turn radius, resulting in better jobsite maneuverability and increased versatility while digging.

11 Large selection of hydrostatic attachments—trencher, plow, earth saw, trencher/plow combo, plus a choice of front-mount utility backhoe or reel carrier.



Nothing lets you tackle more types of terrain than the extremely productive and powerful RT125 Quad. Its massive undercarriage, superior Quad Track System and three-speed, shift-on-the-fly transmission combine to handle whatever the jobsite throws at you. Its newly redesigned operator's station, with comfort features including an ergonomic, swivel operator seat and controls console, and increased legroom, keeps you more productive. With the RT125 Quad, nothing slows you down.

WE'RE IN THIS TOGETHER.



RT125 QUAD TRACTOR SPECIFICATIONS

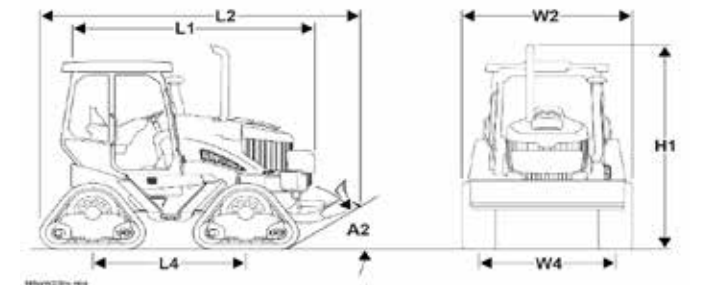
	U.S.	METRIC
DIMENSIONS		
Angle of approach	34°	
Height (H1)	120 in	3.1 m
Length, transport	166 in	4.2 m
Width (W2)	89 in	2.3 m
Basic unit weight	15,300 lb	6940 kg
Wheelbase (L4)	79 in	2.1 m
Tread (W4)	71 in	1.8 m
Ground clearance, min	15.5 in	394 mm
POWER		
Engine	Deutz® TCD3.6L4	
Fuel	Diesel	
Cooling medium	Liquid	
Injection	Direct	
Aspiration	Turbocharged, charge air cooled	
Number of cylinders	4	
Displacement	221 in ³	3.6 L
Bore	3.86 in	98 mm
Stroke	4.72 in	120 mm
Gross power	121 hp	90 kW
Rated speed	2,300 rpm	
Emissions compliance	EPA Tier 4 final	EU Stage IV

	U.S.	METRIC
POWER TRAIN		
Ground drive transmission	(Driving) powershift, (trenching) powershift w/(crowd) hydrostatic	
Differentials	Planetary front and rear w/rear steering	
Parking brake	Disc type, SAHR	
Service brake	Disc type, foot operated hydrostatic	
OPERATION		
Forward speed, max	7.2 mph	11.6 km/h
Reverse speed, max	4.7 mph	7.5 km/h
Vehicle clearance circle		
Front steer only	42.4 ft	12.9 m
Front and rear steer	21.6 ft	6.6 m
Allowable tractor weight, max	27,200 lb	12338 kg
Front counterweight	1,300 lb	590 kg
Side counterweight, each	250 lb	114 kg

RT125 QUAD TRACTOR SPECIFICATIONS

	U.S.	METRIC
HYDRAULIC SYSTEM @ 2,300 RPM		
Ground drive pump capacity	47 gpm	180 l/min
Ground drive pump relief pressure	6,300 psi	434 bar
Attachment pump capacity	45 gpm	170.5 l/min
Attachment pump relief pressure	6,500 psi	448 bar
Auxiliary pump capacity	5.1 gpm	19.3 l/min
Auxiliary pump relief pressure	3,000 psi	206 bar
NOISE LEVEL		
Operator	91 dBA sound pressure per ISO 6394	
Exterior	109 dBA sound power per ISO 6393	
FLUID CAPACITIES		
Fuel tank	38 gal	144 L
Engine oil	8.5 qt	8 L
Hydraulic system	30 gal	114 L
Hydraulic reservoir	25 gal	95 L
Coolant	4.25 gal	16.1 L
BACKFILL BLADE		
Blade width	80 in	2030 mm
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	12°	

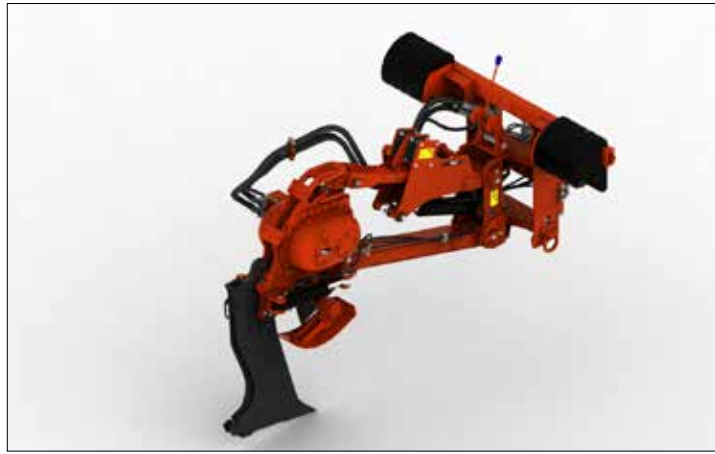
	U.S.	METRIC
BATTERY		
Group	65	
SAE reserve capacity rating	165 min	
Cold crank rating @ 0°F (-18°C)	875 amps	
Auxiliary power outlet	12V, 10 amps	



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.



RT125 QUAD TRACTOR ATTACHMENTS



VP120Q (QUAD VIBRATORY PLOW)

DIMENSIONS	U.S.	METRIC
Angle of departure, transport, no blade	47.5°	
Angle of departure, transport, 24-inch blade	30°	
Angle of departure, transport, 30-inch blade	24°	
Attachment length, fully lowered, no blade	97 in	2464 mm
Attachment length, fully raised, no blade	78 in	1981 mm
Cover depth*	42 in	1067 mm
Attachment weight, without plow blade	2,600 lb	1180 kg



PT120Q (QUAD TRENCHER PLOW)

DIMENSIONS	U.S.	METRIC
Angle of departure, transport, no blade	47.5°	
Angle of departure, transport, 24-inch blade	30°	
Angle of departure, transport, 30-inch blade	24°	
Attachment length, fully lowered, no blade	97 in	2464 mm
Attachment length, fully raised, no blade	78 in	1981 mm
Cover depth*	42 in	1067 mm
Attachment weight without boom, chain, or plow blade	3,455 lb	1567 kg



CT120H (HYD. CENTERLINE TRENCHER)

DIMENSIONS	U.S.	METRIC
Angle of departure	30°	
Trench depth, maximum	93 in	2362 mm
Trench width, maximum	24 in	610 mm
Transport height	128 in	3251 mm
Transport length	120 in	3048 mm
Attachment weight	1,750 lb	794 kg



ST120H (HYD. SLIDING TRENCHER)

DIMENSIONS	U.S.	METRIC
Angle of departure	27°	
Trench depth, maximum	90 in	2286 mm
Trench width, maximum	24 in	610 mm
Transport length	134.5 in	3416 mm
Attachment weight	2,350 lb	1066 kg

RT125 QUAD TRACTOR ATTACHMENTS



BH120 (BACKHOE)

DIMENSIONS	U.S.	METRIC
Transport height	122 in	3099 mm
Ground clearance	33 in	838 mm
Digging depth, max.	108 in	2743 mm
Reach from swing pivot	158 in	4013 mm
Bucket width	12-24 in	300-610 mm
Backhoe weight without bucket	3,300 lb	1497 kg
Swing arc	180°	



RC30 (REEL CARRIER)

DIMENSIONS	U.S.	METRIC
Reel diameter, max	96 in	2438 mm
Internal width	54 in	1372 mm
Capacity	3,000 lb	1360 kg



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



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.

