

RT125 QUAD TRACTOR

 **Ditch Witch**[®]



RIDE-ON

RT125 QUAD TRACTOR



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

2 Rubber isolators between the cab and frame reduce vibration to give the operator a smoother ride.

3 Six-post Rollover Protection System (ROPS) with a canopy.

4 Removable side panels for easy access to service areas.

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 Innovative, long-lasting chevron-pattern tracks are self cleaning and provide superior traction.

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

10 Standard four-wheel drive for ultimate traction and improved mobility in every jobsite condition.

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

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

7 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.



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 cab, 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.





DRIVEN TO BE THE BEST. **ALWAYS.**

Long hours on the jobsite can take their toll. So we redesigned the cab on the RT125 Quad to keep you productive and comfortable. With plenty of muscle to power through the toughest tasks, the RT125 Quad also includes all-new comfort features from an ergonomic, high-back swivel operator seat and controls console to improved legroom and tiltable steering. Enjoy total productivity from your new trenching office.



2 Cruise control system that senses engine load and automatically adjusts ground drive speed to maximize productivity in all types of soil conditions.

1 Dial control design for more precise control of ground drive and attachments.

3 Foot pedal design, easy-to-read gauges and controls, and a tiltable steering column provide operator with the controls needed to get the job done efficiently.

4 5-inch color LCD display for easier operation and machine monitoring.

5 The ergonomic station features additional legroom to keep operators comfortable and productive during long hours on a job.

7 Rotating, ergonomically designed seat with controls console that rotates 120 degrees for improved operator comfort.

6 Industry-unique custom design backfill blade control with electronic float for ultimate operator control.

RT125 QUAD TRACTOR SPECIFICATIONS

DIMENSIONS	U.S.	METRIC
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

POWER TRAIN		
Ground drive	Hydrostatic, 3-speed shift-on-the-fly	
Differentials	Planetary front and rear w/rear steering	
Parking brake	SAHR	
Service brake	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

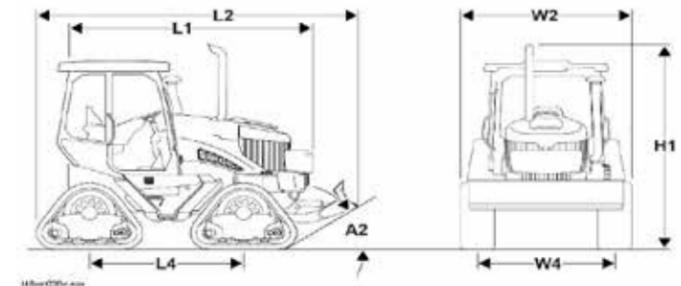
HYDRAULIC SYSTEM @ 2,300 RPM		
Ground drive pump capacity	47 gpm	180 l/min
Ground drive pump relief pressure	6,300 psi	434 bar
Attachment pump capacity	45 gpm	170.5 l/min
Attachment pump relief pressure	6,500 psi	448 bar
Auxiliary pump capacity	5.1 gpm	19.3 l/min
Auxiliary pump relief pressure	3,000 psi	206 bar
Steering pump capacity	8.5 gpm	32.1 l/min
Steering pump relief pressure	3,000 psi	206 bar

NOISE LEVEL	U.S.	METRIC
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°	

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 necessary match that shown.

RT125 QUAD ATTACHMENT SPECIFICATIONS

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 w/out bucket	3,300 lb	1497 kg
Swing arc	180°	

CT120H 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

PT120Q PLOW/TRENCHER COMBO



DIMENSIONS	U.S.	METRIC
Angle of departure, transport, no blade	47.5°	
Angle of departure, transport, 24-in blade	30°	
Angle of departure, transport, 30-in 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 w/out boom, chain, or plow blade	3,455 lb	1567 kg

RC30 REEL CARRIER



DIMENSIONS	U.S.	METRIC
Reel diameter, max	96 in	2438 mm
Internal width	54 in	1372 mm
Capacity	3,000 lb	1361 kg

ST120H 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

VP120Q VIBRATORY PLOW



DIMENSIONS	U.S.	METRIC
Angle of departure, transport, no blade	47.5°	
Angle of departure, transport, 24-in blade	30°	
Angle of departure, transport, 30-in 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, w/out plow blade	2,600 lb	1180 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, teeth, sprockets, or plow blades, which are designed to work together as a system to provide unparalleled trenching and plowing performance.



PARTS

Tires, rubber tracks, o-ring kits, decals, paint, filters, hydraulic cylinder kits, belts, and many other replacement parts and accessories are available at our 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 to keep your equipment in peak operating condition.

