



# RT125 QUAD

R I D E - O N T R E N C H E R



Ditch Witch<sup>®</sup>

# RT125 QUAD

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 cab, with comfort features including plenty of legroom and an ergonomic, swivel operator seat and controls console, keeps you more productive. With the RT125 Quad, nothing slows you down.



**1** Anti-stall technology prevents your engine from stalling and dying when you hit rock or debris while working, clearing the chain at the push of a button.

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

**3** Displayed within the armrest of the machine, the optional Trencher Depth Meter feature allows you to track the distance and depth of your trench from the comfort of the RT125's operator station.

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

**5** Removable side panels for easy access to service areas.

**6** Turbocharged Cummins® diesel engine and reliable hydrostatic transmission keeps the RT125 Quad running strong all day long.

**7** Innovative, long-lasting chevron-pattern tracks are self cleaning and 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** Isolators between the cab and frame for reduced vibration and a smoother ride.

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

**11** Crab and coordinated steering modes make working easier, letting operators turn with a steering wheel—versus two separate levers.

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

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

**14** Optional tilt-frame configuration helps you dig a vertical trench on uneven ground.

# DRIVEN TO BE THE BEST. ALWAYS.

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

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

2

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

1

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.

3

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

4

Ergonomically designed seat with controls console that rotates 120 degrees for improved operator comfort.

8

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

5

An enhanced rear-steer indicator is integrated into the operator display for easy viewing of the rear wheel positioning.

6

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

7

# RT125 QUAD TRACTOR SPECIFICATIONS

## DIMENSIONS

	U.S.	METRIC
Angle of approach (A2)	34°	
Height (H1)	120 in	3.1 m
Length, transport (L2)	166 in	4.2 m
Width (W2)	89 in	2.3 m
Wheelbase (L4)	79 in	2 m
Tread (W4)	71 in	1.8 m

## POWER

Engine	Cummins® F3.8	
Fuel	Diesel	
Cooling medium	Liquid	
Injection	Direct	
Aspiration	Turbocharged, charge air cooled	
Number of cylinders	4	
Displacement	232 in³	3.8 L
Mfg gross power rating (SAE J1995)	121 hp	90 kW
Rated speed	2,200 rpm	
Emissions compliance	EPA Tier 4 final	EU Stage V

## POWER TRAIN

Ground drive transmission	Hydrostatic	
Differentials	Planetary front and rear w/rear steering	
Service brake	Hydrostatic	
Parking brake	Disc type, SAHR	
Tracks	450x86x42, rubber track, chevron pattern	
Attachment drive transmission	Hydrostatic	

## OPERATION

Forward speed, max	6.9 mph	11.1 km/h
Reverse speed, max	4.0 mph	6.4 km/h
Vehicle clearance circle		
Front steer only	42.4 ft	12.9 m
Front and rear steer	21.6 ft	6.6 m
Basic unit weight	15,300 lb	6940 kg
Allowable tractor weight, max	27,200 lb	12338 kg
Hydrawheel saws, max	33,000 lb	14968 kg
Front counterweight	1,300 lb	590 kg
Side counterweight, each	250 lb	114 kg
Ground clearance, min	15.5 in	394 mm

## HYDRAULIC SYSTEM @ 2,200 RPM

Ground drive pump capacity	45 gpm	171 l/min
Ground drive pump relief pressure	6,300 psi	434 bar
Attachment pump capacity	44 gpm	165 l/min
Attachment pump relief pressure	6,500 psi	448 bar
Auxiliary pump capacity	5.3 gpm	20.2 l/min
Auxiliary pump relief pressure	3,000 psi	206 bar

## FLUID CAPACITIES

Fuel tank	38 gal	144 L
Engine oil	13.7 qt	13 L
Hydraulic system	30 gal	114 L
Hydraulic reservoir	25 gal	95 L
Coolant	4.9 gal	18.5 L
DEF Tank	4.9 gal	18.5 L

## BACKFILL BLADE

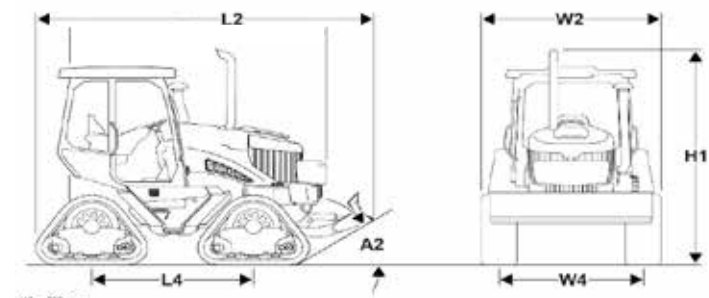
Blade width	80 in	2030 mm
Blade height	17 in	430 mm
Lift height, above ground	26 in	660 mm
Blade drop, below ground	10 in	254 mm
Swing angle, max, left/right	30°	
Tilt angle, up/down	12°	

## NOISE LEVEL

Operator	80 dBA sound pressure per ISO 7096
Exterior	109 dBA sound power per ISO 6393

## 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 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, max	93 in	2362 mm
Trench width, max	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, max	90 in	2286 mm
Trench width, max	24 in	610 mm
Transport height	130 in	3302 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

## RS40 SAW



DIMENSIONS	U.S.	METRIC
Angle of departure	21°	
Trench depth, max	40 in	1016 mm
Trench width, max	4.5, 6, 8 in	115, 152, 203 mm
Transport height, attachment	130 in	3302 mm
Height, wheel on ground	102 in	2591 mm
Attachment length, wheel on ground	115 in	2921 mm
Attachment length, wheel fully raised	102 in	2591 mm
Ground clearance at wheel	27 in	686 mm
Attachment weight	5,900 lb	2676 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.

