

RC-50

Posi-Track™ Rubber Track Loader



The ASV RC-50 is a mid-sized Rubber Track Loader that offers exceptional power, versatility and traction. It's the ideal replacement for similar-sized equipment like skid steer loaders and tractor loaders.

The RTSS II™ rubber track undercarriage with suspension gives the RC-50 maximum traction and stability so you can work more productively in a wider range of conditions than any wheeled or other tracked

machine. Ground pressure under the 15 inch wide rubber tracks is only 3.5 psi, making the RC-50 ideal for work on soft ground conditions and also finished surfaces like sod, landscaping and pavements.

The RC-50 is powered by the 2.2 liter Perkins 404C-22 diesel engine. With 50 hp and 105 ft-lb of peak torque, the RC-50 is the ideal solution for tackling demanding jobs in a wide range of environments. The

Posi-Power™ Control (PPC™) control system makes it easy to work the RC-50 to its fullest potential.

The RC-50 comes with an industry-standard quick-attach interface so it easily connects most skid steer attachments. A broad selection of performance-matched Posi-Tool™ attachments for the RC-50 assure maximum versatility and productivity in all applications.

Horsepower: 50 HP / 37.3 kW

Operating Weight: 6,200 lb / 2812 kg

Ground Pressure: 3.5 psi / 24.1 kPa



A mid-sized loader with more traction and vers

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15-inch wide rubber tracks. With that much track on the ground, the RC-50 delivers exceptional traction and stability for working productively in ground conditions that prevent other machines from working at all. When in good ground conditions, the RC-50 works even better.

No steel inside ASV rubber tracks means the RC-50 is smooth, quiet and very efficient. The machine's internal positive drive system uses hydrostatically-driven sprockets with free-turning rollers to engage drive lugs inside the track. This unique system minimizes friction between drive components and the track. As a result, travel and work speeds are much higher than systems that use

High Performance and Versatility

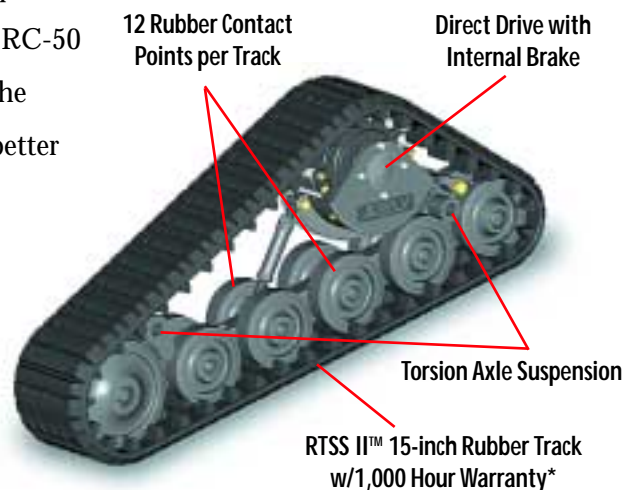
The RC-50 offers more traction and versatility than any similar-sized loader - whether on wheels or tracks. It features a suspended rubber track undercarriage for exceptional traction, fast travel speeds and low ground pressure. The result is a powerful, versatile loader that can work productively in more conditions than any other single machine.

The RC-50's hydrostatic drive system includes the ASV Posi-Power

Control (PPC). This system automatically adjusts the hydrostat to match available engine horsepower. As a result, it's easier for the experienced operator to run the RC-50 at its peak potential. For the newer operator, it means better productivity with reduced chance of engine stalls.

Exceptional Traction

Twenty-four rubber wheels spread machine weight evenly over



atility than any similar-sized equipment.

steel sprockets and rubber-bonded steel tracks. Tracks and drive components last longer, too. ASV tracks come with an exclusive 1,000 hour warranty*.

Torsion axle suspension of the undercarriage is another ASV exclusive. Suspension helps maximize contact with the ground for better traction and stability. It also gives a much smoother ride for the operator, improves load-retention and is easier on the machine, too.

Easy, Comfortable Operation

The RC-50 operator station is designed for comfort and control and offers plenty of leg room. For work in tight and confined areas, the RC-50



offers excellent all-around visibility.

Ergonomic controls include pilot-operated implement and propel levers. A full spectrum of gauges and switches are conveniently located in the heads-up position for easy view and reach. Safety-related features include full ROPS/FOPS canopy, lap bar, comfortable seat belt and brake. An enclosed cab is also available with a sound insulation package.

Attachments for Every Application

The RC-50 comes ready to take on a wide variety of industry-standard attachments. Changing from one attachment to the next is easy with the standard manual quick-attach.

For best performance, select from the full line of ASV Posi-Tool™ attachments that include augers,

backhoes, buckets, rakes, mowers, blades and many more. Posi-Tool attachments that require electrical connections are pre-wired to plug directly into the RC-50's loader-mounted socket. That makes connection quick and easy and gives fingertip control of all electric and hydraulic attachment functions from the machine joystick controls.

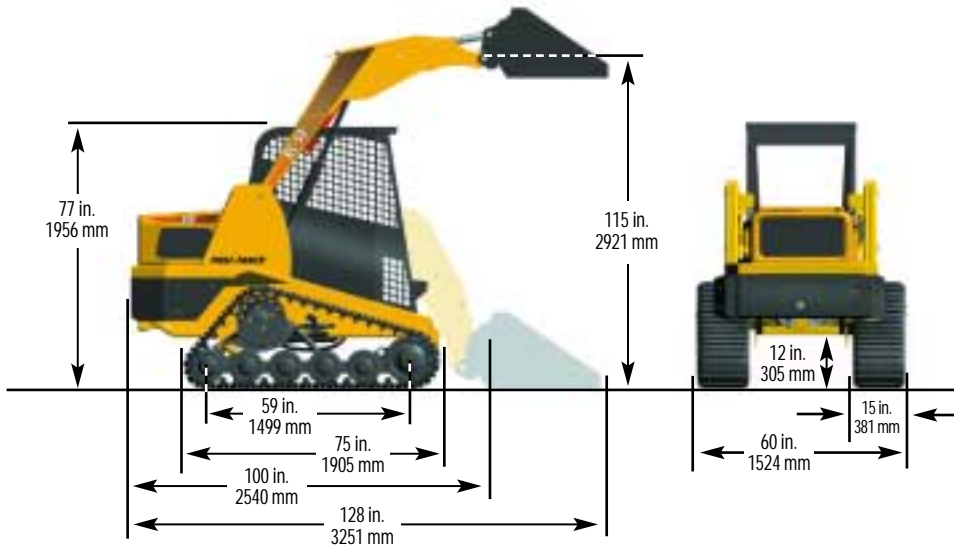
Available Machine Configurations

The RC-50 is also available in the Turf Edition configuration, including smooth green rubber tracks for ultimate protection of finished surfaces.

* See your authorized ASV Dealer for complete details of the ASV machine and track warranties. These warranties may differ outside of North America and are subject to change without notice.

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Machines featured in photos may include additional equipment. Specifications are subject to change without notice.

* SAE J818 standards define operating capacities of rubber-tired skid steers (50% tipping load) and tracked loaders (35% tipping load). There are no standards defining the operating capacity of machines equipped with a suspended undercarriage or machines with rubber tracks.

Machine Weight

Operating weight:	6,200 lb. / 2812 kg.
Shipping weight, w/out bucket:	5,500 lb. / 2495 kg.
Ground pressure:	
@ shipping weight	3.1 psi / 21.4 kPa
@ operating weight	3.5 psi / 24.1 kPa

Track Specifications

Track width:	15 in. / 381 mm
Track length, on ground:	59 in. / 1499 mm
Ground contact area:	1,770 in. ² / 1.14 m ²

Auxiliary Hydraulic Pump

Flow, maximum:	16.3 gpm / 61.7 lpm
Pressure:	3,000 psi / 20 670 kPa

Engine

Type (Diesel):	Perkins 404C-22
Displacement:	134 in. ³ / 2.2 L
Gross power @ 2800 rpm:	50 hp / 37.3 kW
Torque, peak:	105 ft-lb / 143 Nm

Operating Specifications

Tipping load:	3,800 lb. / 1724 kg
Operating capacity 50% tip load*:	1,900 lb. / 862 kg
Operating capacity 35% tip load*:	1,330 lb. / 603 kg
Travel speed, max.:	8 mph / 13 kmh

Service Refill Capacities

Fuel tank:	15 gal. / 56.8 L
Hydraulic tank:	8 gal. / 30.3 L
Engine coolant:	2 gal. / 7.5 L
Engine oil, inc. filter:	2.8 gal. / 10.6 L

Standard Features

Air cleaner, dual-stage	Loader arms
Alternator, 55-amp	Operator presence switch
Attachment control, elect.	Posi-Power Control (PPC)
Auxiliary hydraulics	Quick-attach, manual
Battery, 770 CCA	Quick-connect auxiliary hydraulic fittings
Brake, parking	ROPS/FOPS canopy
Bucket controls, pilot hyd.	Rubber track undercarriage
Bucket positioning, selectable	Screened engine compartment
Drive control, pilot hyd.	Throttle, hand & foot-operated
Electrical system, 12-volt	Tie-down loops, front/rear
Engine, diesel, Perkins 404C-22	Transmission, hydrostatic
Final drive, direct hydrostatic	Seat belt, two-inch wide
Fuse box, automotive type	Working lights, halogen:
Gauges:	- two front, fixed
- fuel level	- one rear, adjustable
- hour meter	Warning lights:
- slope indicator	- coolant temp
Heater, engine block	- engine oil pressure
Hitch receiver	- hot hydraulic oil
Ignition switch, key	- low battery
Interior dome light	Wiring - pre-installed for all accessory switches
Lap bar/arm rest	

Options

Air conditioner/heater	Horn
Back-up alarm	Lift points, bolt-on
Beacon, rotating	Seat belt, three-inch wide
Brushguard	Side windows w/sliding glass
Cab enclosures	Sound insulation
Case-style controls	Track tensioner, grease
Front door	Window, rear, glass
Heater, cab	Wiper, front door