

RC-85

Posi-Track™ Rubber Track Loader



The ASV RC-85 Rubber Track Loader offers an exceptional balance of power and machine weight. The result is a great combination of power and agility, making this full-size loader the best solution for tough applications where you need maximum efficiency. With 3,400 lb rated operating capacity (50% tipping load), it's also excellent for many loading and material handling jobs.

The RC-85 uses ASV's latest rubber track undercarriage technology with suspension to get maximum traction and stability in a wide range of ground conditions. It uses 18-inch wide rubber tracks and industry-leading track-drive technology to work productively, even in ground conditions that prevent most other equipment from working at all. With a manual quick-attach and single-speed

drive motors, the RC-85 provides great value while maintaining many features of the ASV RC-100.

The RC-85 can be fitted with virtually any industry-standard attachment. For best overall performance, choose from the full line of ASV Posi-Tool™ attachments that are performance-matched and offer the quickest and easiest connection.

Horsepower: 86 hp / 64 kW

Tipping Load: 6,800 lb / 3085 kg

Ground Pressure: 3.3 psi / 22.7 kPa



Careful balance of weight and power quicken re

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The RC-85's load-sensing hydraulic system is highly efficient, producing up to 10% more hydraulic horsepower compared to less efficient systems. As a result, you get more done and you get it done faster.

Advanced Rubber Track Undercarriage

The RC-85 was designed from the ground up to run on a suspended rubber track undercarriage. It makes no compromises to machine width, ground clearance and machine balance. It also means you get maximum traction and a smoother ride.

Forty-two wheeled contact points spread the machine weight out over 18-inch wide rubber tracks, exerting only 3.3 psi ground pressure. With that much track on the ground, you can crawl over the most fragile ground with minimal surface disturbance. You can

Quicker Response, Faster Cycle Times

The RC-85 delivers exceptionally quick response and faster cycle times thanks to its careful balance of weight and power. It's powered by the Perkins 1104C-44 diesel engine - a naturally-aspirated 4.4 liter 4-cylinder engine with high output, low emissions and low sound.

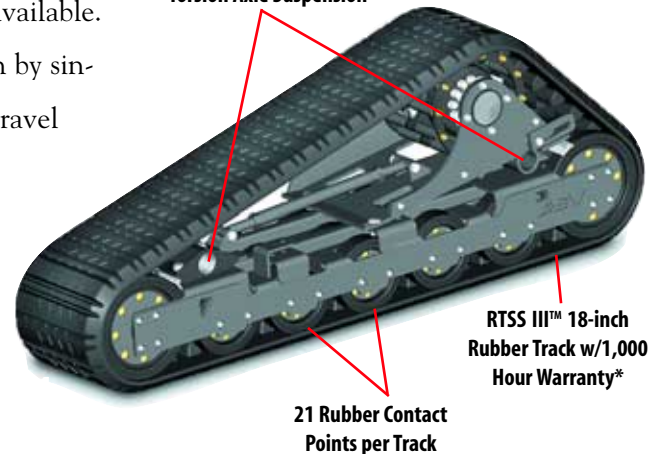
The Posi-Power Control™ (PPC™) system is an integral part of the RC-85's powertrain. PPC is a power management system that lets you work the RC-85 to its fullest potential as it automatically shifts the hydrostat to

match available engine horsepower. With the PPC system it's virtually impossible to stall the engine.

Advanced Hydraulics

The RC-85 features one of the most advanced hydraulic systems available. The tracks are directly driven by single-speed drive motors with travel speeds up to 6 mph. The hydraulic system provides up to 38 gpm to the standard high flow auxiliary circuit on demand or 20 gpm to the low flow circuit.

Torsion Axle Suspension



response and shorten cycle times

also work productively in virtually any ground condition including soft mud and snow.

No steel inside the tracks means the RC-85 is smooth, quiet and very efficient. The internal positive drive system uses hydrostatically-driven sprockets with free-turning rollers to drive the track. This unique system minimizes friction between drive components and the track. As a result, travel speeds are much higher than on systems with steel sprockets and rubber-bonded steel tracks. Tracks and drive components last longer, too. RC-85 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-85's operator station has more features and built-in comfort than ever before. New joystick controls have integrated hydraulic and electric attachment controls for precise, low-

effort operation. A full spectrum of gauges and switches are conveniently located 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 that can include a heater, air conditioner and sound insulation.

Tilt-up Service Access

A tilt-up ROPS/FOPS canopy makes access to the hydraulic system quick and easy. Service to the engine and cooling package is through a tilt-up rear hood.

Attachments for Every Application

A manual quick-attach interface makes attachment changes quick and

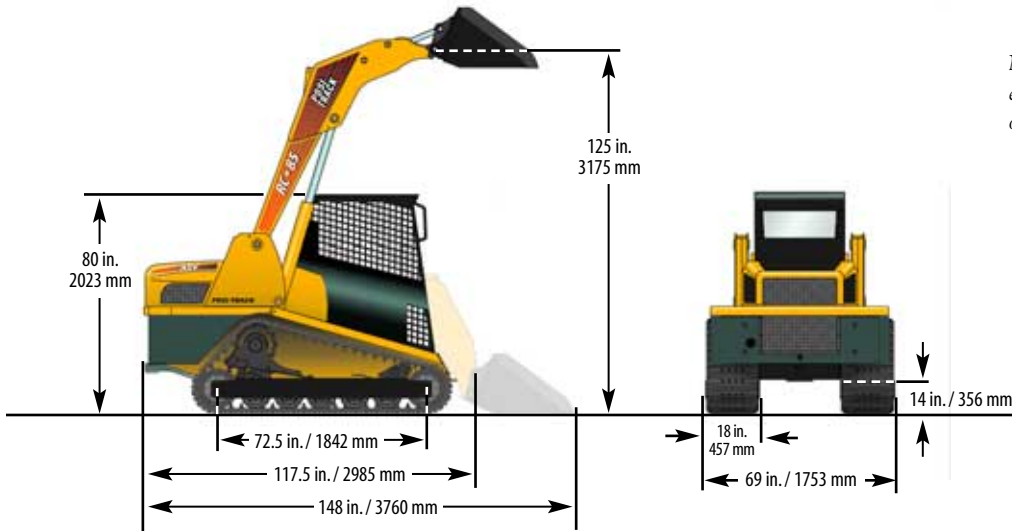
easy. The RC-85 can be fitted with virtually any industry-standard attachment. For best performance, select from the full line of ASV Posi-Tool™ attachments that include augers, back-hoes, buckets, rakes, mowers, blades and many more. Posi-Tool attachments that require electrical connections are pre-wired to plug directly into the loader-mounted socket. That makes connection quick and easy and gives finger-tip control of all electric and hydraulic attachment functions from the machine joystick controls.

* Consult your authorized ASV Dealer for 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:	9,710 lb. / 4405 kg.
Shipping weight, w/out bucket:	8,800 lb. / 3992 kg.
Ground pressure:	3.3 psi / 22.7 kPa

Track Specifications

Track width:	18 in. / 457 mm
Track length, on ground:	72.5 in. / 1842 mm
Ground contact area:	2,610 in. ² / 1.68 m ²

Auxiliary Hydraulic Pump

Low flow, maximum:	20 gpm / 76 lpm
High flow, maximum:	38 gpm / 144 lpm
Pressure:	3,300 psi / 22 737 kPa

Engine

Type (diesel, naturally-aspirated):	Perkins 1104C-44
Displacement:	268 in. ³ / 4.4 L
Gross power @ 2300 rpm:	86 hp / 64 kW
Torque, peak:	222 ft-lb / 302 Nm

Operating Specifications

Tipping load:	6,800 lb. / 3085 kg
Operating capacity 50% tip load*:	3,400 lb. / 1542 kg
Operating capacity 35% tip load*:	2,380 lb. / 1080 kg
Travel speed, max.:	6 mph / 9.7 kmh

Service Refill Capacities

Fuel tank:	26 gal. / 98 L
Hydraulic system:	20 gal. / 76 L
Engine coolant:	3.125 gal. / 12 L
Engine oil, inc. filter:	8.5 qt. / 8 L

Standard Features

Air cleaner, dual-stage	Ignition switch, key
Alternator, 65-amp	Interior dome light
Attachment control, elect.	Lap bar/arm rest
Auxiliary hydraulics:	Operator presence switch
- low and high flow	Posi-Power Control (PPC)
- load-sensing	Quick-attach, manual
Battery, 950 CCA	Quick-connect auxiliary
Brake, parking	hydraulic fittings
Bucket controls, pilot hyd.	ROPS/FOPS canopy, tilt-up
Drive control, pilot hyd.	Rubber track undercarriage
Drive motors, single speed	Screened engine compartment
Electrical system, 12-volt	Throttle, hand-operated
Engine block heater	Tie-down loops, front/rear
Engine, Perkins - 1104C-44	Seat belt, three-inch wide
- naturally-aspirated	Working lights, halogen:
Final drive, direct hydrostatic	- four front, fixed
- single-speed	- two rear, adjustable
Fuse box, automotive type	Warning lights:
Gauges:	- coolant temp
- fuel level	- engine oil pressure
- hour meter	- hot hydraulic oil
- slope indicator	- low battery
Hitch receiver	Wiring - pre-installed for all
	accessory switches

Options

Air conditioning/heater	Heater, engine block
Back-up alarm	Horn
Beacon, rotating	Insulation, interior
Brushguard	Rear weight
Cab enclosures	Self leveling, selectable
Case-style controls	Side windows w/sliding glass
Front door	Wiper, front door

