

# FREEDOM ISN'T DOCKED.

THE ULTIMATE WATER-TO-LAND VEHICLE

*From lake to land. No trailer. No limits.*



## WHY ELITE COTTAGE OWNERS CHOOSE RAD TRACKER

- ✓ Seamless water-to-land transition
- ✓ Designed for boat-access only properties
- ✓ One vehicle replaces boat + ATV + trailer
- ✓ Built for rugged shoreline & forest terrain
- ✓ Elevates property value & lifestyle freedom

*Your shoreline becomes your driveway.*

Arrive. Explore. Haul. Host. Maintain. Without ever docking.



## **SPECIFICATIONS - Base model**

### **Performance**

Max speed on land: High gear 44 mph (70kph),

Maximum speed on water: 12 mph (19 kph) – 40hp not enough to plane

Maximum static thrust in water: 900 lbs thrust, tracks + jet drive – Argo

70 lbs thrust (RAD Tracker internal testing) Sherp/FAT Truck unknown

Turning radius: Zero turn when actuated, pivot turn in normal drive mode

### **Weight**

Empty weight: 2600 lbs (1182 kg) (no suspension base model) - FAT

Truck 4900 lb (2217 kg), Sherp 5291 lbs (2400 kg)

GVWR: 6800 lbs (3084 kg)

Payload land: 4200 lbs (1909 kg) - Sherp 2645 lbs, FAT Truck 2200 lbs

Payload water: 2800 lbs (1273 kg) - Sherp not rated, FAT Truck 1500 lbs

Max towing capacity: 6500 lbs (2955 kg) - Sherp 5,180 lbs (2,350 kg),

FAT Truck 3500 lbs (1591 kg)

Passengers capacity: 7 – (driver + 2 rows, 3 persons wide)

### **Dimensions**

Height: 88" with cab/ 67" without – Sherp 112", FAT Truck 101"

Length: 161" (13'5" – 4089mm) - Sherp 156", FAT Truck 146.5"

Width: 80" – fits inside enclosed trailer/ Seacan – Sherp 99.2", FAT Truck 100" (neither fit inside trailer or Seacan)

Ground clearance: 12" (very low center of mass) - Sherp 24", FAT Truck 20.7" (high center of mass, less stable)

### **Interior volume**

Interior width: 78"

Interior length: 134.5"

Useful surface area inside: 10,491 in<sup>2</sup> or 73 ft<sup>2</sup> - 100% interior useful

cargo space, no wheel wells - (3 standard 7' stretchers fit inside the cab)

Cubic inches inside cab: 371 ft<sup>3</sup> - Sherp 275 ft<sup>3</sup> – FAT Truck

### **Engine**

Base model 40hp Briggs or 30hp Honda – other options (gas/diesel)

Horsepower @ 3600 RPM 40 hp

Cooling System: Twin Rad Liquid cooled

Hybrid/ Electric: Easy conversion to all electric

Standard automotive heater core, multiple duct + defrost

Optional A/C system

Optional Webasto heater (gas/diesel)



## Electrical

Voltage: 12 V

Alternator: 375 A

Battery: 960 CCA

Air compressor: 12V, 23 amp, 200 psi

Optional 120 volt generator with outlets (service vehicle)

Standard on board air tank and supply outlets (tires or service vehicle)

## Drivetrain

Rear engine design balanced for optimal water performance

Patented VRD (Variable Ratio Differential) precise speed control to each track

Power rating for VRD - continuous 250hp (125hp each CVT belt), intermittent 600hp (300hp/ CVT belt)

Twin Borg Warner T10 gearboxes offer Super Low, Low and High range to each track

Power rating for Super T10 – continuous 500hp (250hp each gearbox x 2), short term 800hp (400hp each gearbox x 2)

Twin GM 7.5 hypoid gearboxes drive rear axles

Shift controls – air actuated shift T10 gear box, zero turn switch engages one side in reverse, the other forward

Air actuated release clutch – disengages engine driveshaft to VRD for shifting

Air actuated clutch to Jet drive – console switch to engage/disengage jet drive

## Braking system

Independent hydraulic brakes for each track

Mechanical park brake

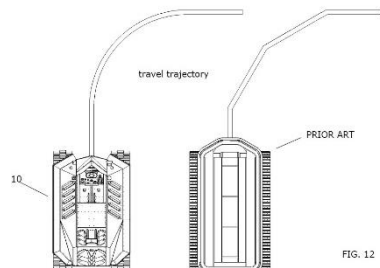
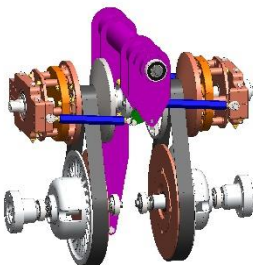
Steering controlled variable brake pressure for steering control braking in corners and towing heavy trailer/groomer drag downhill

## Track system

Track surface (flat) – 18" x 96" = 1728 in<sup>2</sup> x 2 tracks = 3456 in<sup>2</sup> or 24 ft<sup>2</sup>

Ground Pressure: empty 0.75 psi, max payload 1.97 psi

Ground Pressure typical snowmobile 550 lbs empty: 0.78 psi - flat surface area of tracks (34"x 15") + skis = 700 in<sup>2</sup>



## **Suspension**

Base model no suspension – high load capacity

Optional front suspension with powered height, solid rear axle

Optional 4 corner powered height suspension (RT5 prototype)

## **Fuel System**

120 liter – flop tube pickup for steep slopes/ low fuel operation

## **Standard equipment**

Color choice – texture/ finish

Front drawbridge door

2” receiver hitch (rear)

Lockable front door

Adjustable driver seat, two fixed 3 passenger bench seats

Lights front and rear (L-track mounts for multiple use options)

Electric horn

Required safety equipment

10,000 lb stainless Marine D-rings x 4 corners (tie down, tow + Helicopter lift points)

## **Options**

RT7 is custom built to required application – ask for options

Front and rear mirrors

Light bars front and rear

Sound system

Back up camera

Roof hatch/ skylight

120 volt AC generator – crank driven

Optional A/C system

Optional Webasto heater (gas/diesel)

**Warranty:** Limited 1 year/ 1000 hours

**Base model show price: \$170,000.00 cdn**

## **Contact:**

Shawn Watling – President

Office: 1-855-723-8722 (1-855-RAD-TRACKER)

Mobile: (416) 575-7380

[shawn@radtracker.com](mailto:shawn@radtracker.com)

Warsaw, Ontario, Canada

[www.radtracker.com](http://www.radtracker.com)

