

## FIRE SUPPRESSION

**KMC-Kootrac manufactures a specialized High Speed Steel Track Vehicle specifically designed for wildland forestry fire suppression work. The tank module is also available as an optional seasonal attachment to convert some models of the KMC Skidder for forestry wildfire suppression work.**



***[For a complete slide show presentation on the unique FireTracker vehicle \[click here\]\(#\)](#)***

### **HIGH SPEED TRACK (HSST)**

Cast Steel track pads, connected with patented rubber-brushed steel pins, permit track flexibility while preventing metal-to-metal wear and track contamination from soils.

### **TORSION BAR SPRUNG SUSPENSION**

Ten torsion bars attached individually to roadarms provide the sprung suspension. Each set of road wheels can move up and down independently, there-by allowing the tracks to conform to uneven surfaces.

### **BALANCED WEIGHT DISTRIBUTION**

Because of the forward mounting of the power train, and the machine's ability to carry the load or mount an attachment well forward on the machine, the combined weight of the vehicle and its payload is spread over the entire length of the tracks.

The KMC 210FT is designed for total versatility in "Wild Fire" applications requiring an All-Terrain, All-Weather Fire Suppressant machine. The traction, speed, flotation and low ground pressure are an ideal combination for working on muskeg, sensitive soils or steep slopes.

**THE KMC SOFT TRACK "FIRE TRACKER" MEETS ALL CURRENT ENVIRONMENTAL REQUIREMENTS FOR MINIMAL SITE DEGRADATION.**

**KEY OPERATIONAL DATA**

Maximum Payload: 35,000 lbs (15,783 kg)  
Maximum Weight on Vehicle: 23,000 lbs (10,431kg)  
Gross Vehicle Weight: 46250 lbs (21,023 kg)

Ground pressure:  
4.69psi at 0" soil penetration  
4.24psi at 6" soil penetration

**PRIME APPLICATIONS**

- Initial Attack or Mop-Up
- Off Highway Fire Fighting
- Water Tanker
- Silviculture/Site Preparation
- Hydro-Seeder
- Agriculture
- Fertilizer Sprayer

**CONFIGURATIONS AVAILABLE:**

- Basic "mounting rail rear frame
- 7 1/2 x 10' flat deck
- Custom attachment, on the deck/rail system or on the front of the Carrier.

**OPTIONS**

- KMC Torsion Bar Suspension trailer available
- 4-Way Hydraulic Tilt Dozer/Brush Blade
- 6-Way Hydraulic Angle/Tilt Dozer/Brush Blade
- Winch

**Power**

- 200 h.p. Detroit Diesel 6V53N 2-cycle engine.
- 4-speed forward and 4-speed reverse power shift transmission with integral torque converter and service and parking brakes.
- Controlled steering double planetary differential.
- Planetary final drives

NOTE: All power train components are completely enclosed, yet accessible for servicing.

**Track and Suspension**

High speed tracks have wide, wear resistant steel shoes connected by rubber-bushed steel pins for flexibility, durability and ease of servicing. KMC's unique sprung suspension features five dual steel road wheels supporting each track. Each dual wheel is individually sprung with its own torsion bar and travels up and down independently of other wheels, allowing the track to mold to uneven surfaces. Results: Greater tractive efficiency and a smooth ride at higher speeds.



### **Structural Features**

A one piece, welded unitized box beam chassis is designed to withstand torsional stresses of work on rough terrain. A smooth steel belly pan offers full bottom protection and provides a 19" (483 mm) ground clearance. A Roll Over Protection Structure (ROPS) gives protection to the operator.

### **Equalized Weight Distribution**

The heavier power train components of the 210 are located forward on the vehicle and help counter balance the weight of the load. Thus, the combined vehicle and load weight is spread over the entire length of the tracks for improved vehicle balance, better traction, floatation, and reduced ground pressure (less than 5 psi - 32.27 kPa - unloaded).



The Fire Suppression Tanker Assembly is designed for mounting onto the 200 Series FMC and 2000 Series KMC "Soft Track" Vehicles. The machine is designed to assist in all types of Forest Fire applications from initial attack to mop-up. The uniqueness of the unit will prove itself with its 1100 imperial gallon (1300 US gallon) tank and the ability to work on very severe slopes up to 60% or on wet/boggy soils. This unit goes where other conventional machinery cannot. With four rear mounted, lay flat hose outlets and a forward mounted outlet to allow the operator to extinguish spot fires while traveling, makes for a very effective Fire Fighting Unit. "FIRE TRACKER" is also equipped with a foam application system to give the machine far more impact when working in the field.

Equipped with a separate load pump that can load the "FIRE TRACKER" in 5 minutes, there is no job on the fire line that we cannot help but make easier and more efficient. With our travel speeds of up to 15 miles an hour we can get anywhere you need to in a very short time, whether you are fighting a fire or using the unit as a water transfer machine.

The fabricated, steel tank holds 1100 imperial gallons (1300 U.S. gallons) and is designed to sit flat on the rear deck which, in turn, produces a very low center of gravity. Two (2) storage compartments are mounted lengthwise on the tank top to carry extra hoses, tools, and materials.

It is equipped with two (2) gasoline engine driven pumps - one(1) is high pressure for fire fighting, the other is high volume for tank loading. (see specs listed below) The system is also equipped with a 22 imperial gallon (26 U.S. gallon) foam retardant tank and dispenser which, when added to the water, increases the density up to 10 times (this dispenser is adjustable to various degrees of mixture). (10:1 expansion rate: i.e. 100 gallons water = 1000 gallons foam/water solution).



### **Quick Foam Facts: Class "A" Foam Solution**

\*3 - 5 times faster knockdown time

\*20 times faster penetration

The machine is equipped with a Hi-Vis halogen light package which allows the machine to operate 24 hours/day

### **"FIRE TRACKER" Tank Unit Specifications**

**1300 U.S. Gallon - Steel Tank**

**WAJAX Model BB-4 High Pressure "Wildfire" Centrifical Pump - 4 Stage**

18 H.P. Briggs & Stratton Engine: 2 Cylinder - 4 cycle

12 Volt Electric Start

Exhaust Primer

Discharge: 100 PSI @ 90 GPM (US) 75 GPM (IMP)

200 PSI @ 70 GPM (US) 58 GPM (IMP)

**HONDA Model WP30X Volume Pump**

5.5 HP/163 CC Displacement

Single Cylinder - 4 cycle

Manual Start/Self Printer

Discharge: 158 GPM (US) - 4 PSI

132 GPM (IMP)

264 GPM (US) - 5.5 PSI

220 GPM (IMP)

**NORDIC Model 3900 - 23 - 28 Power Hose Reel**

200' - 1" Hose

Electric Drive Motor

Capacity: 240' - 1" Hose, 135' - 1 1/2" Hose

**SCOTTY Foam EDUCTOR/MIXER**

Model 4071

c/w Matching Aspirating Nozzles



Mailing Address: P.O. Box 31, Crescent Valley, B.C. V0G 1H0 Canada

Site Location: 1056 Playmor Rd, Crescent Valley, B.C. V0G 1H0

Phone: (250)359-5033/Fax: (250)359-5034

**Toll Free: 1-800-562-5303**

Email: [kmckoot@telus.net](mailto:kmckoot@telus.net)

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**Machine:** Recon KMC Model 210T (Basic Model) Track Vehicle  
**Model:** Recon KMC 210T (#24) Basic Model  
**Engine:** Detroit Diesel 6V53 (200 HP)  
**Hours:** 0 since recondition  
**Transmission:** Clark 28000  
**Price (US\$):** Base machine: \$68,000 US  
**Color:** Red/Black

Pictures (click image to enlarge)



Description

**RECONDITIONED KMC MODEL 210T (BASIC MODEL) TRACK VEHICLE**

**- Year of Recondition: 2010      - Hours since Recon: 0**

**SELLING PRICE (BASE MACHINE) \$68,000 US**

**Basic Machine Specifications.....**

- Detroit Diesel Model 6V-53 (195 HP) Diesel Engine**
- Clark 28000 Series Powershift Transmission**
- Controlled Steering Differential - Hydraulic Assist Planetary Final Drives**
- FMC Tracks and Sprockets - 70**
- Screen enclosed ROPS Cab c/w full doors**
- KMC Torsion Bar Suspension - Rebuilt**
- FMC/KMC Style Roadwheels and Idler Wheels - Rebuilt**
- New Paint - appearance excellent**

**Machine completely checked/reconditioned as required, serviced and pre-delivered.**

***TO PRICE YOUR MACHINE, CHOOSE FROM OPTIONS BELOW AND ADD TO BASE MACHINE PRICE. WE WILL ASSEMBLE TO YOUR REQUESTED SPECIFICATIONS!***

***OPTIONS....***

- *KMC Standard Hydraulic Decking Blade:*      \$ 950**
- *KMC 4-way Hydraulic Tilt Dozer:*            \$ 4,500**
- *KMC 6-way Hydraulic Angle/Tilt Dozer:*      \$ 7,500**
- *Choker Arch attachment:*                    \$ 2,150**
- *Pin-On Grapple for above:*                    \$ 5,600**
- *Single Arch Grapple:*                            \$ 7,750**
- *Dual Arch Grapple:*                             \$12,115**
- *Swing Grapple:*                                 \$14,000**
- *Clark Model 413 (40,000 lb) Winch:*         \$ 4,500**
- *Fully Enclosed Cab:*                            \$ 8,550**

- *Air Conditioner/Heater:* \$ 6,820
- *Hi-Vis Light Package:* \$ 900
- *Customize (customer request) paint colors:*\$ 1,375

*Phone TOLL FREE 1 800 562-5303 or email [kmckoot@telus.net](mailto:kmckoot@telus.net) for more information to confirm price.*

**- FOB: Nelson, B.C. Canada**

**WARRANTY.... FOB: Designated Dealer Shop**

**- Machine: 2 months/350 hours**

**- Tracks: 3 months/500 hours (pro-rated)**

**NOTE: All prices shown are "No Trade" prices**



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**Toll Free: 1-800-562-5303**

**Email: [sales@kmc-kootrac.com](mailto:sales@kmc-kootrac.com)**

Hello Daryl,

As per your request for a quotation, please refer to our website at: [www.kmc-kootrac.com](http://www.kmc-kootrac.com).

The price on the complete tanker attachment can run from \$12,000 to \$21,000, depending on the tank size, pump size and type, etc.

Please review these items on our website and if you require more specific details please advise.

Thank you for your interest. Hopefully we can be of service to you in the near future.

Yours truly,

KMC Kootrac

Per:

*Wayne Farenholtz*

President & General Manager