

TNC2

TNC 2 is owned and operated by Jason Cockrell and Cynthia McCool. Cynthia is the wife of the late Tom McCool Jason's original partner. They operate a shop in Weippe, Cynthia provides bookkeeping support for the partnership and Jason provides the mechanical/engineering capabilities.

Jason has developed the Cool Crawler a remote controlled firefighting machine. Jason received an SBIT grant to assist him in building the prototypes. He sees the primary market for this machine as the Forest Service and private contract fir fighting companies.

The Cool Crawler has a diesel powered hydrostatic track machine with a 7 foot blade on the front and a 4 foot wide hydrostatic tiller on the back. It is used to make fire breaks. The machine is also designed to hold a 100 gallon water tank with a reversible water pump, which they are looking at adapting to foam. It has two 5x5 luggage racks that hold chains, extra fuel, chainsaws, and gear. It also has a 16,000 lb wench with variable line speed. The Cool Crawler can travel up to 4 miles per hour. The remote control can maneuver the machine from as fas as 150 yards.

The Cool Crawler has all the latest technology a Cummins engine, Bonfiglioli gear box and Berco tracks. This is all built on what Jason calls a super structure. The uniqueness is that 8 bolts removes the engine, all mechanics and the drive motor which lift out and can be put on a work bench to repair.

They have made 6 prototypes, one small enough to fit in the back of a pickup. The Crawler that they are currently working on is 6 foot wide 18 feet long and 9'3" high that makes it easy to haul. Jason is also working on a strapping system that will allow it to be moved by helicopter into back country areas that are not easily accessed by road.

The machines can clear 200 feet per minute of 4' wide fire break this is under perfect conditions. The average for the machine is on-half mile per hour or 21,120 feet per day. A man can clear 60' of 18" wide firebreak per day.