ATV IMPLEMENTS YOU CAN MAKE



Written, Photographed, and Made by Ronald Ghighi

HOME MADE ATV IMPLEMENTS by Ron Ghighi

After pricing different ATV implements in different catalogs and farm service stores I decided to try to build some of my own. I'm a retired steamfitter who can weld a little bit. I had purchased a disc that I didn't think worked too well. The disc are not adjustable and the angle of the disc is not sharp enough to really dig in well. It is probably this way to help protect the ATV by not putting too much pull on it, but I think it makes it work harder by having to go over the ground more than once.

I do put added weight on the disc and run the ATV in tight circles to make the disc cut in a little better. Once you have a food plot established I think this chisel plow works better than the disc. I have only planted sorghum and turnips, so that is all I can base my findings on. After I burn the sorghum and the deer dig the turnips up, the plow works great.

I had a farmer friend push some of the tree tops off about an acre with his dozer, and I cut the tops up and moved them myself off another acre for a second plot. There are about twelve big stumps and several ten or twelve inch trees in these sites, so I need a small implement to get around them.

These were staging areas the logger used that were fairly flat and knocked down somewhat. He did manage to leave tree tops in them though on the way out.



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I cut the tops up for firewood and hauled the bigger limbs and trunks he didn't want out of the way. I was highly impressed with the ease the hauler pulled these logs. The largest was about twenty -two inches or so diameter and ten feet long. The idea is to lift the front end off the ground, and drag it.

I use a winch that has in and out capability to be able to operate it without getting off the ATV any more than you have to.



The log hauler is twenty inches wide on the inside of the legs. It will haul logs without straddling them, but it works better straddling them.



I built the hauler first and later the plow to fit the hauler. I put the hauler on a work bench with 3" spacers under the wheels, and put a spacer under the trailer hitch the same height as the trailer hitch on the ATV. This allowed me to figure the angle of the 2 X 1/4" arms holding the plow points, where they would be three inches deep when the points were touching the top of the bench. It allowed me to find the exact spot to put the stop on the side of the hauler to hold the plow arm in the right position to dig 3" deep when on the ground.

As you can see in the photos I use the winch to raise and lower the plow to get around easier and to clean the plow when it gets clogged with twigs and leaves. If I built another one I might put three points instead of four to get more clearance for twigs and leaves.



Here are some of the logs I moved.



The drawings are the actual angle of the arms. I put the ¾ " pipes on the 2" header to hold a log to add extra weight. The second year I used the plow I didn't use the disc at all. I burned the sorghum off, and the deer almost had the ground plowed by digging up the turnips all winter.

Here and on page 7 & 8 are some photos of the plow and some dimension drawings that might help if you build these implements. You don't have to spend a lot of money to build these. Some of the construction union members might have access to apprentice welding shops that have welders, and people who would do the welding also. I was a welding instructor for a few years at our steamfitter school where there were several apprentices that were already certified and welding on the job, so I let them do some projects of their own. Some didn't want to learn TIG welding, and were later sorry about it. But that's another story.

Good luck and I hope some one can use this.









