

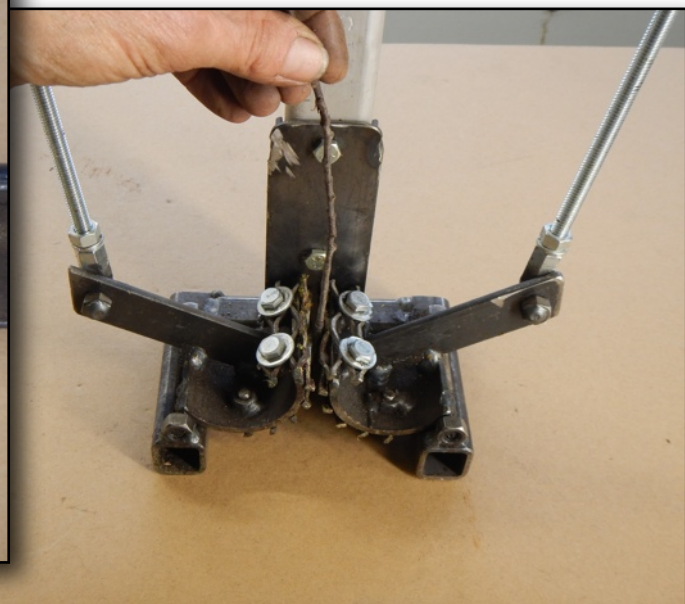
The SMART (Save Muscles Articulated Root Tugger)

This document was produced by vispieux enr., contact Pierre Ménard at vispieux@gmail.com for more details.

In the fight against invasive plants, it is of the utmost importance to use tools that are as fast or faster than the expansion rate of the plant we want to control. It is relatively easy to uproot small shoots with our hands but with the quantity out there it becomes obvious that it will not be possible without great pain. This is the reason why the SMART was created.

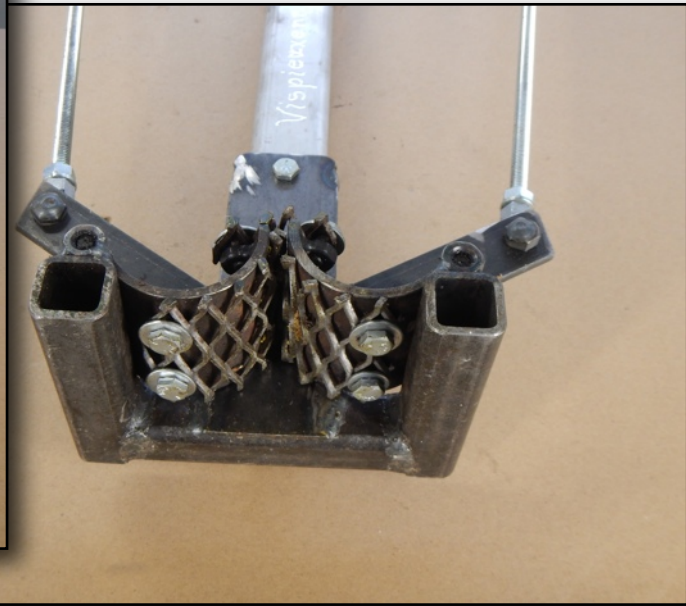
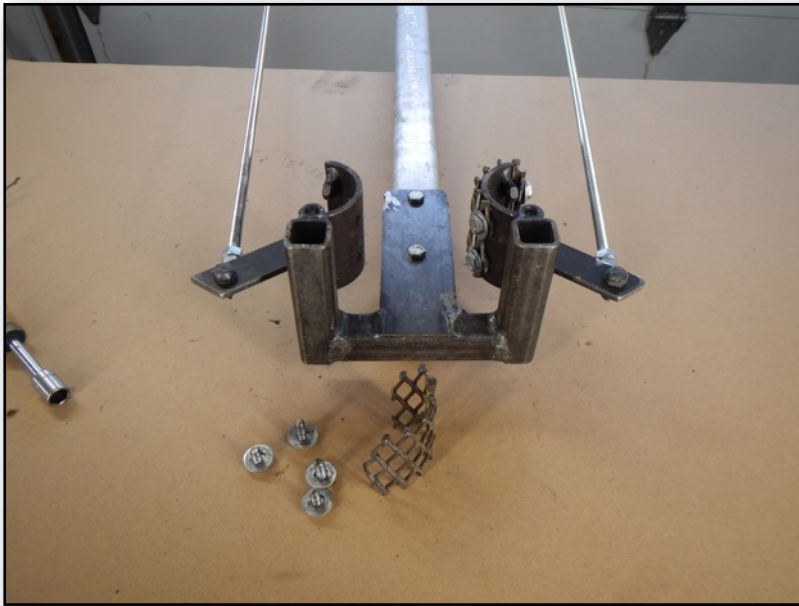


This tool is operated with our hands and we use it very close to our body, it is not hard for the back.



The SMART (Save Muscles Articulated Root Tugger)

One of the nice characteristics of this tool is that the jaws are synchronized one with the other therefore it is possible to position a shoot with one hand and close the jaws with the other holding it in place in order to uproot it.

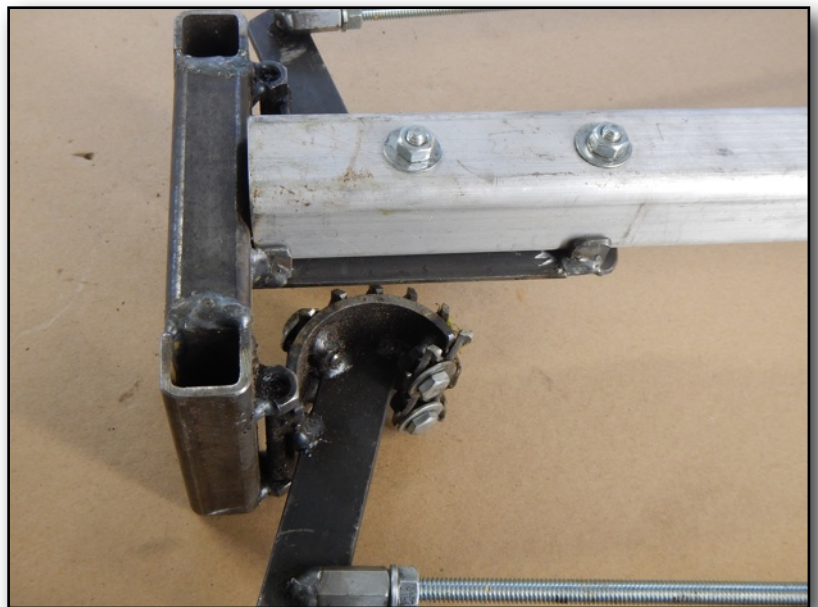


Another interesting characteristic is that the jaws are easily removed for cleaning.

The SMART is to be assembled with a piece wood (2 X 2) purchased by the buyer to connect the handles with the jaws. It also needs to have 5/16th threaded rods to operate the jaws. It is supplied with guides on the base and also on the handles to install the piece of wood. It can be ordered with an aluminum tubing instead of wood which gives a professional look.

These features make it very easy to assemble and it has a 5 year guaranty against breakage.

As every tool, it requires some maintenance, before each use a drop of oil wherever there is a mechanical movement will extend its life.



This tool can easily uproot hundreds of shoots in an hour (around 500). It is capable of uprooting shoots 1/8 to 1/2 inch in diameter. It was designed for Buckthorn shoots, but can be used for other plants as well. It weighs 5 pounds and you chose the length when assembling it.