

# Smartmetalpod instruction manual

Thank you for purchasing this tool. It will serve you well if you follow these simple instructions. Here is a lay out of this instruction manual:

Disclaimer

The most important: Be safe

Parts included and tools needed

How to build the tripod

Tips for using it.

Care for it.

Warranty

## Disclaimer.

The idea behind “The smartmetalpod” is to produce an inexpensive but strong tripod. As such, the smartmetalpod is not certified in any way. Even though the tool is guaranty for breakage, the manufacturer or seller of this tool can not be held responsible for any accident or damage to property cause by the use of this tool. By purchasing this tool the buyer agrees to these terms.

## The most important: Be safe.

- Even though this tool has been checked for sharp parts and metal shavings, it is always possible that there are some left, beware!
- This tripod is not approved for safety operations, do not use it to lift people and do not stand under a lifted load.
- The maximum load to lift is 2200 pounds.
- When erecting the tripod off the ground, the legs will be all together, this create an unstable position, make sure there are no one around in case you would loose the tripod's balance. Same thing when you move it, the tripod can become unstable if you do too big steps.

## Parts included and tools needed.

Smarttools have that name because you have to purchase parts locally in order to use them. The smartmetalpod comes with many specialized parts which are:

- The head with the eyebolt; Hold together the legs and the eyebolt.
- Pins and “R” pins; Used to lock the legs in place and provide an easy way to remove them for transportation.
- Feet; Keep the metal legs from penetration soft soil.

These parts have to be purchased locally:

- 2" X 2" square metal tubing; The length depends on the intended use of the tripod. If it will be mostly use for working in the woods, 8 feet is a good length. If the tripod will load a pick-up truck 12 feet is minimum, please keep in mind that to raise the Smartmetalpod to such a height requires at least two people.

- Bolts; 3/8" X 4" these are use to attach the feet to the metal legs.

#### How to build the tripod.

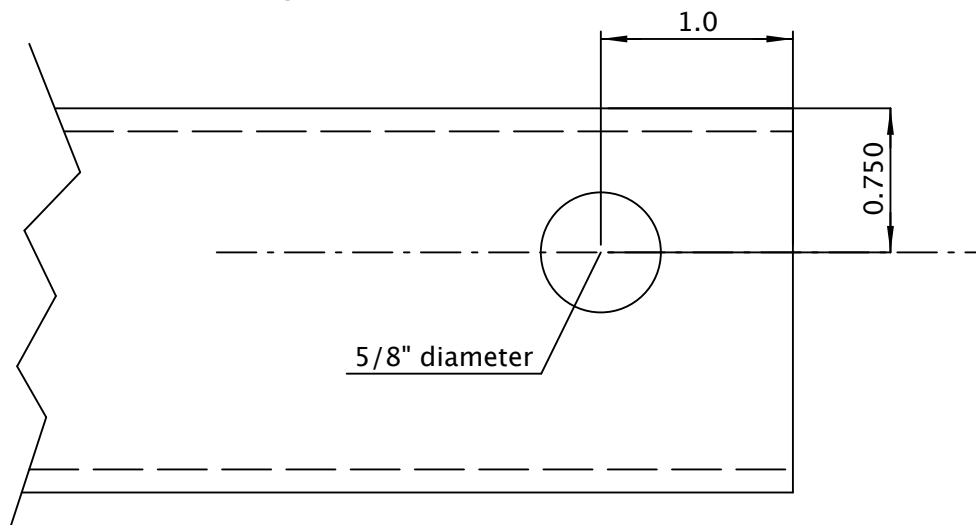
The difficulty with building the smartmetalpod is to drill 6 X 5/8" holes. These holes are to be located at 3/4" from the side and 1" from the end of the tubes. The best way is to make the location of the hole with a punch. Use a 1/4" (or so) drill bit to make a pre-hole, then use the 5/8" drill bit. This operation can be hazardous, be carefull.

Place the feet in place locking them with a "C" clamp and then drill through the pre-drilled holes of the feet with a 3/8"drill bit.

Once these holes are made, assemble the tripod together by installing the legs having the hole closer to the edge toward the eyebolt.

## Smartmetalpod 5/8" hole location

Material: 2 inch square tube .100" to .125" thick



#### Tips for using it.

This tool is meant to be taken apart easily by the use of "R" pins to move from one place to the other. You might have to hit the 5/8" pins with a hammer in order to remove them but it should not be very difficult. A major problem with this tool is to erect it, specially long legs. Here are some advice; Put the feet together and with help, lift the head then pushing on the legs until it is almost vertical. This is a critical step, keeping the tripod somewhat vertical, spread out slowly one leg after the other and continue with larger step as the tripod becomes more stable. Once it is up it can be moved easily from one place to the other by

moving one leg after the other. Putting it down is a similar but reversed manouver. For long tripods it help to be able to get into a pick-up truck box to do the initial raising of the head.

Attaching the winch is an easy operation; Spread the feet until the eyebolt is within reach and hook the winch to the eyebolt. CAREFULL not to spread the feet to much as the head does not stop the feet from spreading out, it could slide to the ground.

#### Care for it.

The smartmetalpod is cold galvanized, it should not rust fast. Movable parts should be oiled from time to time depending on usage. When not in use it is always better to store it in a wheather protected area.

#### Warranty.

The smartmetalpod is guaranty for a 1 year period. It is not guarantied against rust. If the tool breaks within this period, the buyer will receive a full reimbursement of the cost of the tool except for the shipping cost. The tool is not to be returned for reimbursement.