



Homemade Dust Collection Hood and Stand For the Lathe

I. The Materials

A. The Hood Hose Clamp –

This is an adjustable clamp sized for the 4" hose and placed on the hood receiver.

B. The Hood – The hood is a PVC 90 degree garden fitting purchased at Lowes

C. The Hood Adjustment Screws – Standard 1/4" pan head screws about 1 1/2" long with large 1" rubber washers on the inside and small washers with plastic wing nuts on the outside

D. The Hood Bracket – 1" wide steel bar 1/4" thick and long enough to allow for full rotation of the hood when bent.

E. The Hood Bracket Swivel – The swivel consists of an old hole saw cutter just big enough to fit over the pipe stand. A double nut and a bolt through the hole in the hole cutter and a hole in the bracket enable a firm swivel action.

F. The Stand – Here I used pipe, (in this case copper because I had it) I would recommend steel in most cases.

G. The Base – Here I use an old cast iron umbrella stand. It is plenty heavy for good support.

