

# Low-Cost Shooting Stand



## Shopping List

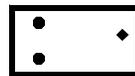
- 3/4" PVC Pipe
- 3/4" X 24" Iron Pipe, threaded
- 2X10 or 2X12 about 2' long
- Carriage Bolt 5/16" X 3-4"
- 5/16" Bar Knob
- 3/4" PVC End Cap
- 3/4" Galvanized Floor Flange w/ Screws
- 3/4" Iron Union
- 3/4" Male Adapter, Male threads to Female PVC
- Nail-on Glides
- 10-32X1 1/4 Flat Head machine bolt with Lock Washer & Nut

## Tools

- Hack Saw
- Sandpaper or Round File/Wood Rasp
- Drill & Bits
- Scrap 3/4" lumber
- Hammer
- Band Saw or Coping Saw

## Steps

1. Base - Use a 2X10 or 2X12 scrap piece of lumber for the base. Make sure that if there is a bow that the bow points up. Screw Floor Flange into the middle of the base. On the underside, nail 3 glides. Three feet will sit level on most any floor.



2. Top Rifle Rest - Use a scrap piece of 3/4" lumber about 3"X4". Using a Forstner Bit, drill a hole about 3/8" deep for the PVC end cap to fit in. Drill & countersink the hole for the 10-32 bolt thru the wood. Drill same hole thru center of cap. Attach end cap to wooden rest. Sand smooth and if you want, tack as piece of felt/carpet on top.
3. Pole - Attach iron pipe to floor flange. Attach iron union to the other end of the iron pipe. Attach 3/4" adapter to the union. PVC pipe will be cut to fit the shooter.
4. Pellet Holder - Use a scrap piece of 3/4" lumber about 6" long X 4" wide. Use a saw to shape as shown in the picture. Drill a hole thru the board and use sandpaper or file so that the holder will fit on the PVC pipe. Don't make it too loose.
5. Drill 5/16" hole for carriage bolt and knob. Use a saw to cut a line to the big hole. Place bolt thru 5/16" hole and attach knob. Tightening the knob should keep the pellet holder in place. You can use Velcro to hold a shaker tray on the holder.
6. In the standing position, use a kneeling roll on the base for additional weight or you can add weight to the base as you see fit.



PVC male adapter

Iron Union

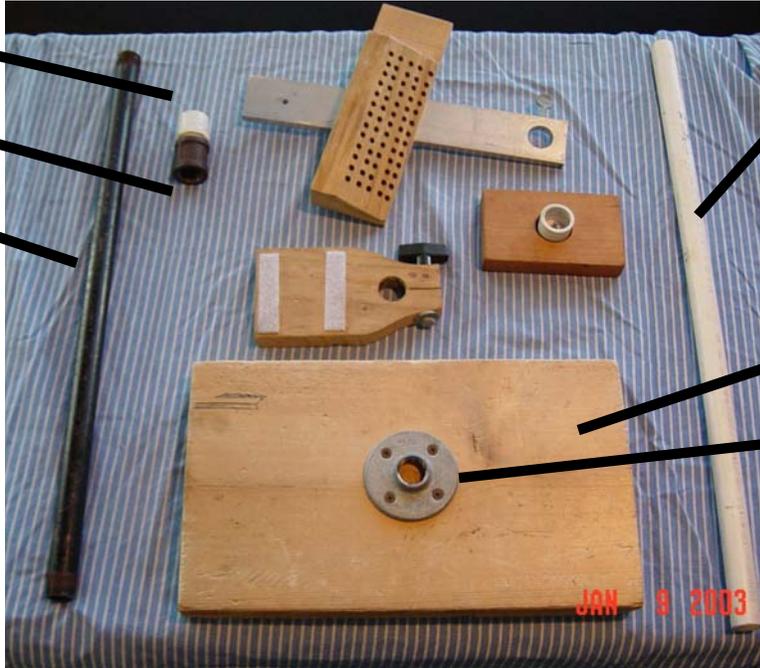
24" Iron pipe

PVC pipe - Cut to fit the shooter

Base

2X10 wooden base

Floor Flange



Top Rifle Rest

PVC End Cap

10-32 Bolt

Pellet Holder

5/16" Carriage Bolt

5/16" Bar Knob

Sanded to fit PVC pipe

Velcro for shaker box.

