

Woody Woodpecker

FOREST OF DEAN WOODTURNERS 2019 AGM COMPETITION



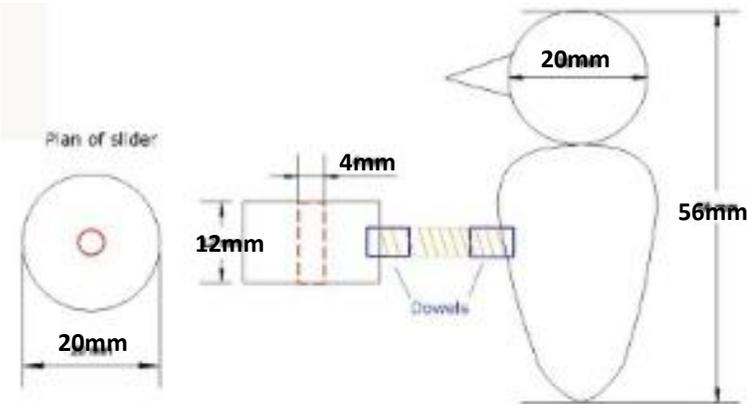
Make this for the kids or as an executive toy?!

Woody woodpecker delights young and old as he pecks his way down the wire. (B&Q, a coat hangar or EBay)
The wooden parts including woody are made from any hardwood available.

The slider (black) has a hole through the middle which has a diameter around 1mm wider than the thickness of the wire pole. This allows the slider to move freely down the wire without jamming. Too tight and it won't move but too loose and the whole assembly will just fall down to the base! There is a spring which connects the slider to the bird and it is this component which produces the familiar pecking motion. Chose a spring which has stiffness to match the weight of the bird (spring may work from a pen or alternative from EBay)

There are dowels which are attached to both the bird and the slider as shown on the plan. These dowels are turned to be a push fit inside the spring. Try to get a push fit along with a drop of superglue. The dowels also reduce the tendency of the bird to droop. A droopy bird may look less than realistic.

**For the purposes of the social competition the height of the wire should be a maximum of 450mm
other sizes to suit yourself**



Apart from the base the parts are turned between centres. The wooden base stop at the bottom of the wire brings Woody to a stop in an upright position. The knob at the top of the wire provides eye protection and brings a finished look to the project. A touch of paint brings Woody to life.

Woody can be seen on Youtube @ <https://youtu.be/BLSnr9YzYgc>

