

# Building a Gingery Shaper, Version 1.0

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**By Richard Perrin**

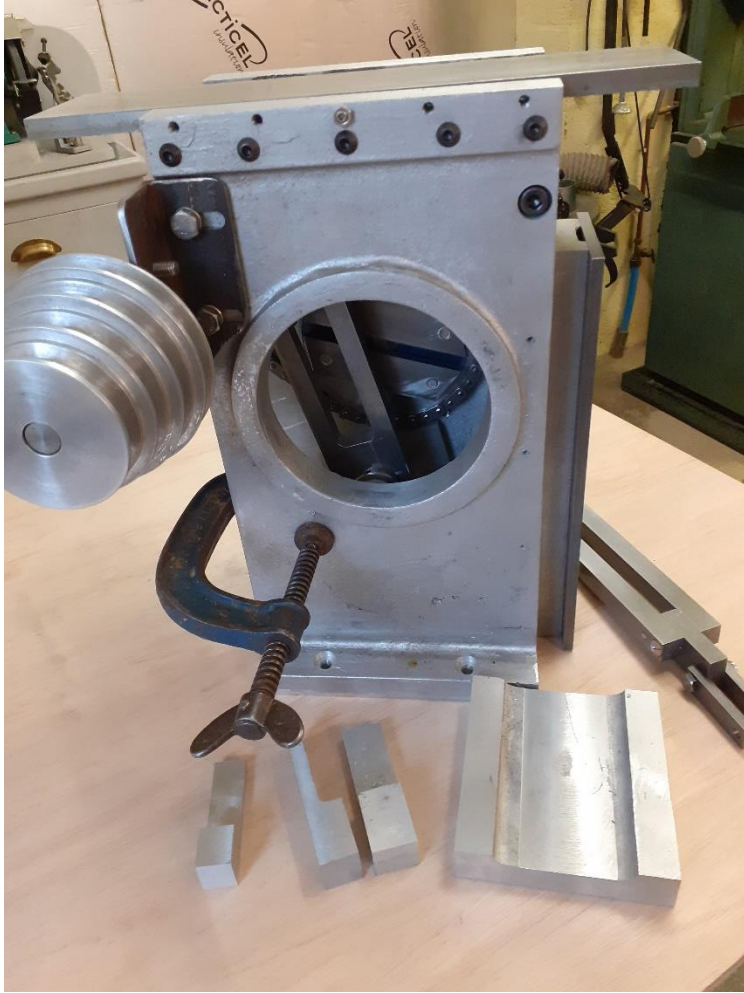
Edited by R.G. Sparber



Casting parts for my shaper demands a furnace. Mine burns waste oil.



I used oil based molding sand. Here you see one of the two side plates. The hole has a raised lip which is an improvement over the plans from Mr. Gingery.



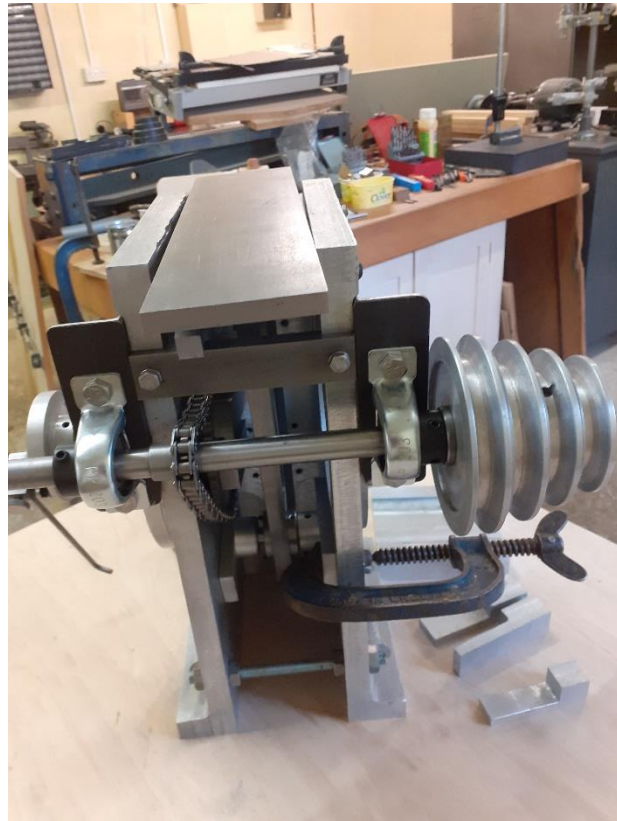
The parts are starting to come together. Except for store-bought fasteners, each part represents many hours of enjoyable effort.

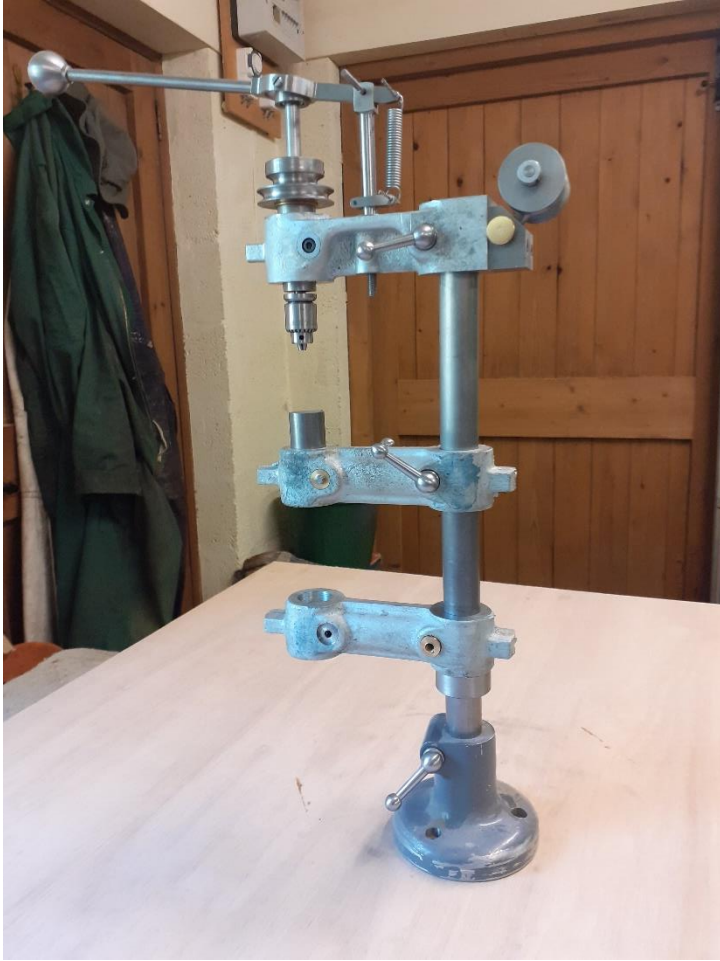
Yes, this will become a useful tool in my shop, but the greatest value is in the experience of creating it. I started with some blocks of wood to make patterns, a pile of scrap aluminum, and plenty of used motor oil. It didn't take long to realize that the skills I acquired can take me on many adventures.



While all aluminum parts were cast, the steel parts were machined from bar stock.

It is a great feeling when the parts all fit together.





Here is a project only made possible because of the skills I developed making the shaper.

The shaper build is a many months project. It is nice to be able to take a short side trip to building another tool.

Richard Perrin