



Model Ship World Data Sheet

Mini-Chop Saw Adaption

Compiled by: Banyan

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Introduction

Original post by Buckaroo on 23 Nov 2007 – Titled "Mini Cut Off Saw" from the Tool and hardware reviews forum at [LINK](#).

The other day, I saw a 2 inch cut off saw on sale at a good price. The one I bought is probably made in China and is sold through Harbor Freight, so if you've ever done business with them, you know what you are getting. I asked my pal Dirk (kelvin12) here at MSW what he thought about it and he told me that he has one and loves it. Dirk showed me how he made a fence for the saw and I'll probably do something similar with it. Anyway, because I got such a good review of the saw, I thought I'd pass this along. **Ed.- Edited version of the text.**

These saws are available from several sources:

USA: [Model Expo](#), [Harbor Freight](#).

Australia: [Hobby Tools Australia](#)

Europe: Proxxon

Example 1

By EdBardet - 28 Nov 2007:

While I was digging I found some planking clamps made from Binder Clips. They work well when doing plank on bulkhead. Slip the clamp over the bulkhead, slide it till the plank is in the notch and you are set. I don't know where I got the idea -- it might have been here a long while back.

There is a close up and an overall shot.



Figure 1 – Ed's adaption of the Cut-off Saw

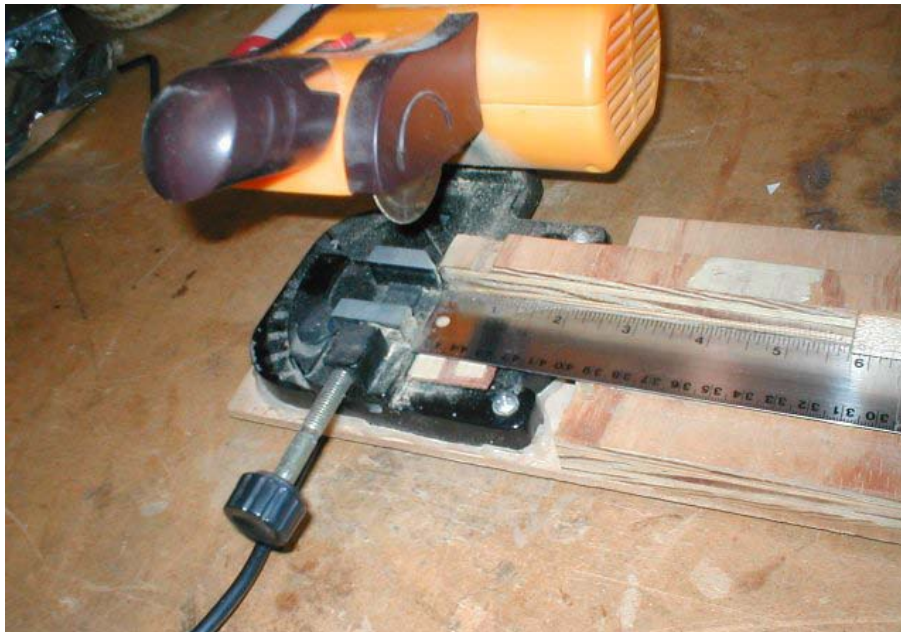


Figure 2 – Details of Ed's Adaption



Figure 3 – Paper clips used to clamp wood to be cut

Example 2

By Sawdust - 6 Jan 2010:

I picked my used mini chop saw on eBay. I added a fence with a simple stop and built in scale to make it a little more useful and accurate. I can remove my modification by undoing two screws.



Figure 4 –Kip's adaption of the Cut-off Saw

Example 3

By Uwek - 6 Jan 2010:

For European members needing 220 Volts there is a similar tool available from **Proxxon**, the **KG 50** "Kappgerät". The costs are, in comparison with the other tool, very high.



Figure 5 – Proxxon KG50

Example 4

By Heath 54 – 6 October 2010:

Here is my version of a Harbor Freight mini chop saw. I needed to rework the vice a bit as there was a big radius in the bottom corner and would lift the wood when tightened. All in all works very well. I can even make duplicate cuts to within a few .003 of an inch. I use a binder clip for a stop.

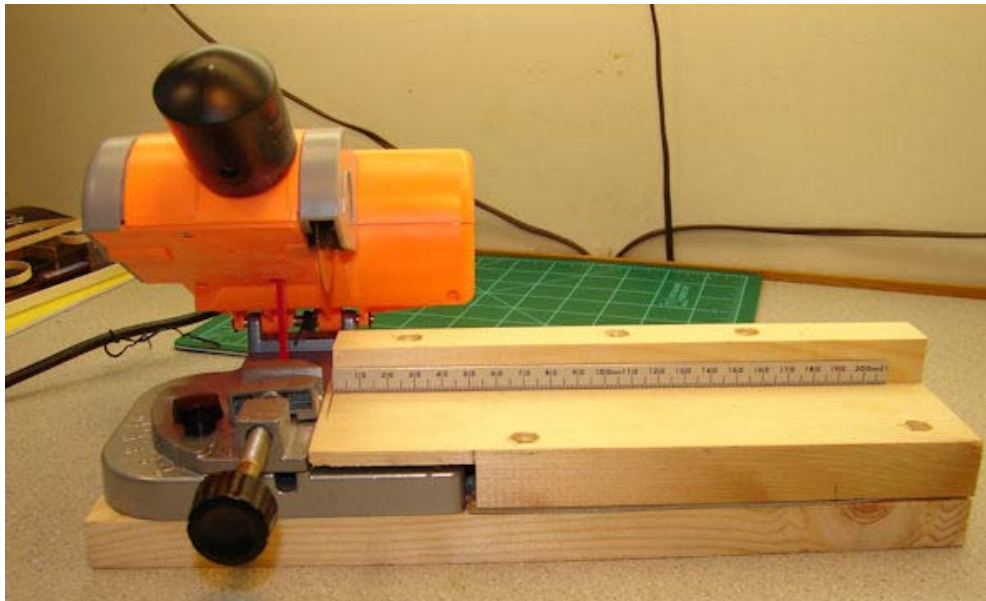


Figure 6 – Dan's adaption of the Cut-off Saw

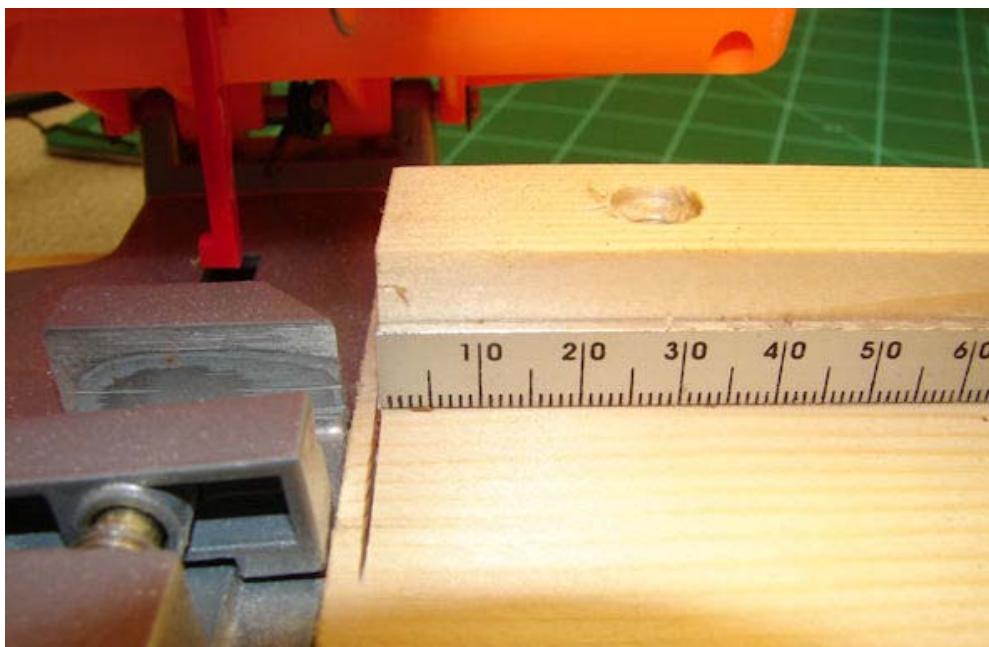


Figure 7 – Details of Dan's adaption

Related posts – Titled "Mini Cut Off Saw "from the Modeling Tools discussion and Workshop Equipment forum at [LINK](#)

Example 5

By Kerry-in-NZ – 29 April 2009:

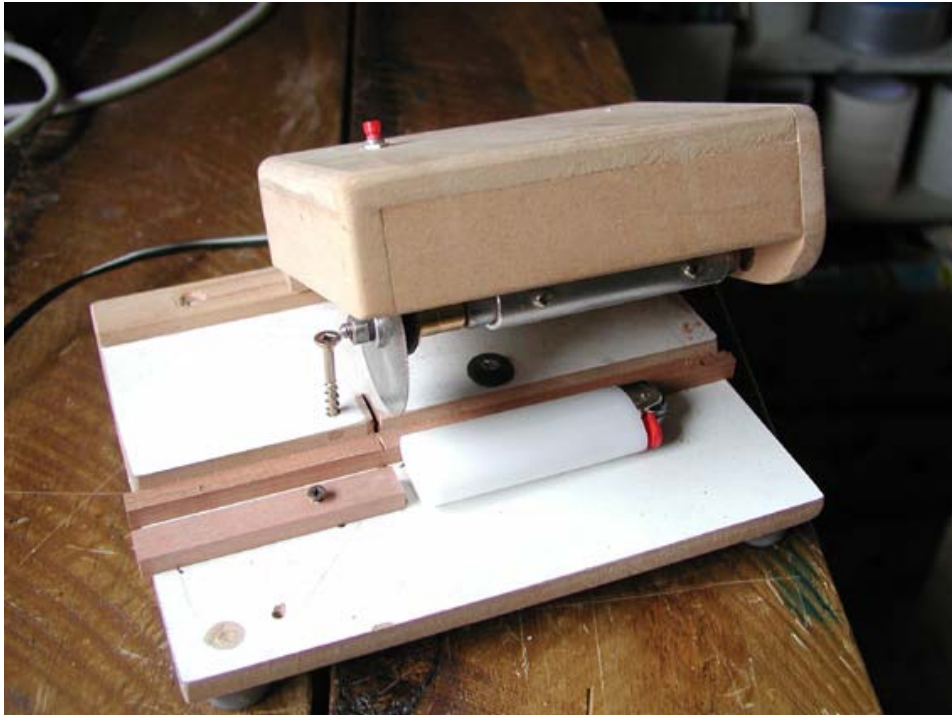


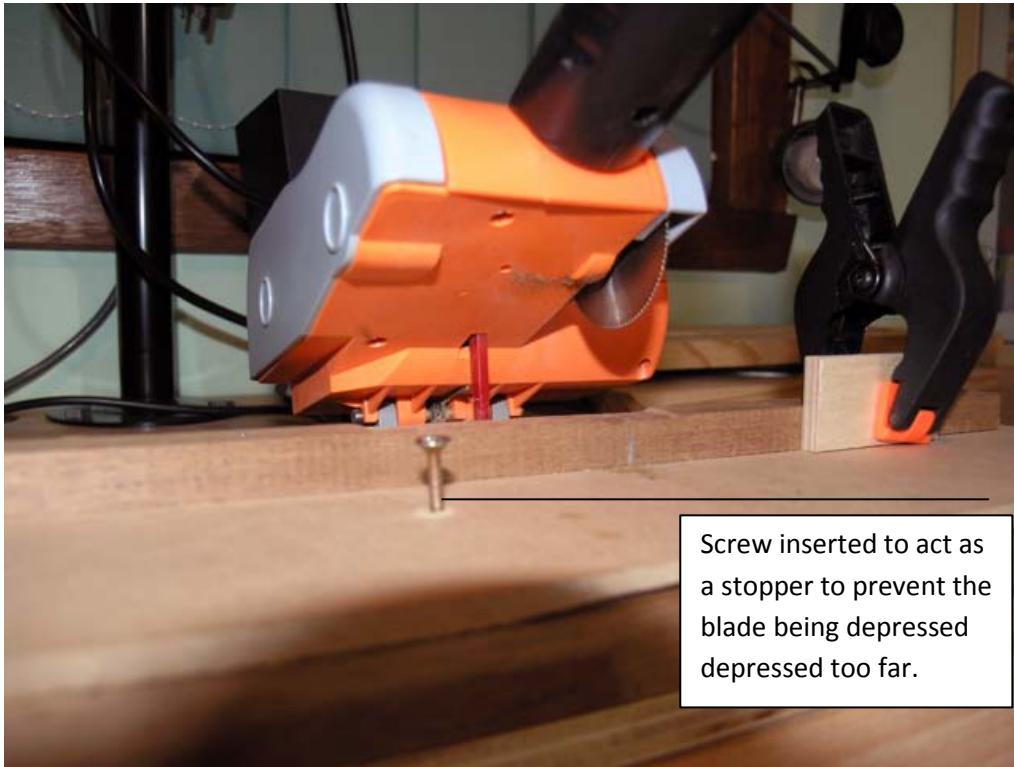
Figure 8 –Kerry's adaption of the Cut-off Saw

Example 6

By Banyan – 30 April 2009:



Figure 9 –Pat's adaption of the Cut-off Saw



Screw inserted to act as a stopper to prevent the blade being depressed too far.

Figure 10 – Details of Pat's adaption (front)

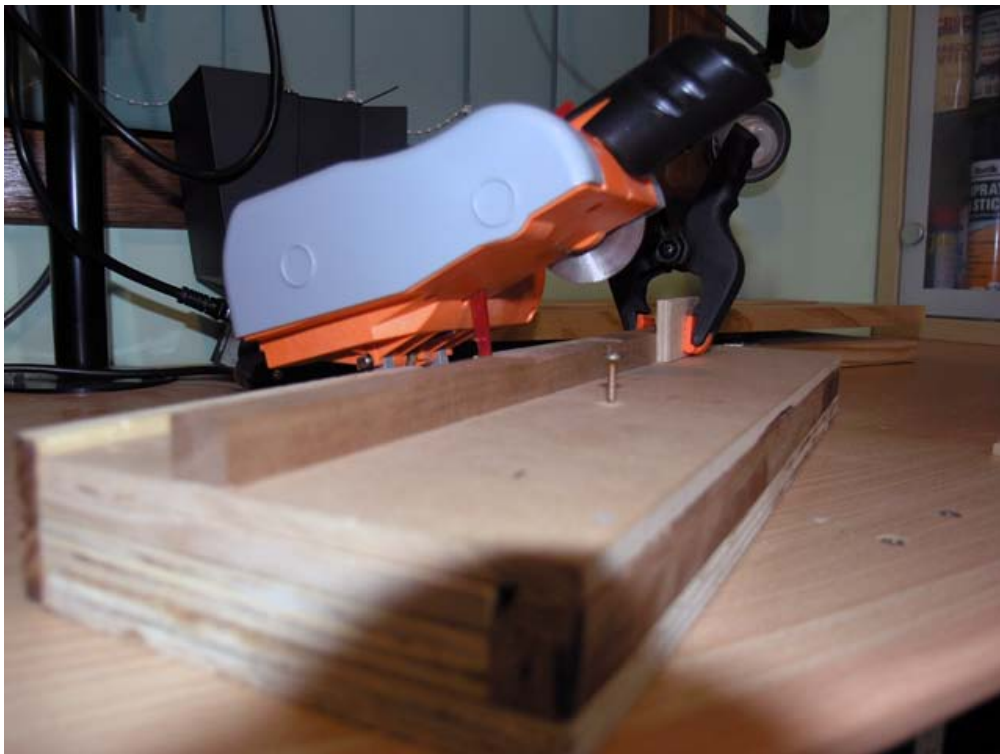


Figure 11 – Details of Pat's adaption (side)

By EdBardet – 1 May 2009

I added a steel ruler to mine, to complete the rig. Lets me set up my stop faster.