

ABSTRACT
PROCESS OF MAKING PAPER CUTTING MACHINE FRAMEWORK

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This final project aims at identifying the material, machine, tools and equipments used in the process of making the framework of paper cutting machine, to describe the process of making paper cutting machine framework and how long the process takes time.

Making paper cutting machine framework was started by identifying the blueprint. Then, the process was continued by cutting plan, cutting process, framework welding, and finishing.

To make paper cutting machine framework needs angel sheet metal of 40x40x3mm. Machine and equipments used in the process were: Electric welding machine, drill machine, handed-grinding machine, cut-grinding machine, compressor, scratcher, tape measure, steel ruler, angle ruler, pliers, vice, file, sandpaper, and spray gun. The process was started by drawing and signing the material that will be cut and drilled. Cut-grinding machine was used in cutting the material. Then, material was drilled in Ø5.5, Ø8, and Ø10mm. The assembling process was done by welding the framework using tack weld. After the framework get its precision and right angled, full welding using E 6013 Ø2.6 electrode will be done. Finishing was executed by painting process. The time needed in the process of making paper cutting machine framework was about 23 hours and 48 minutes.

Keyword : Paper Cutting Machine Framework