effectiveness of the milling process were economic, namely the surface roughness, process duration, and total process costs. Correctness of parameters' determination was verified by a multiple regression tool. The dependence between parameters was proved and the hypothesis stated was confirmed.

The objective of this study was conducted to acknowledge the current process of furniture making in Malaysia by surveying and consulting on furniture industry, an experience furniture manufacturer for 30 years. Also, to study the machinery used and the standard operation of procedure during the process of manufacturing to fit with the trend of demand at the moment.

As a conclusion, furniture industry is making various type of home furniture by using engineering wood such as chipboard and medium-density fibre board (MDF). Different technique used to fit with the suitability of the engineering wood because it has different characteristics compared with solid wood. The use of CNC model machine during the production process simplify the human force used. For example, for cutting process, the use of CNC machine of panel saw reduces time used in cutting, because it generates a command to cut by using a computer. It is better than a manual cutting using conventional table saw that less productive. Same goes to the boring process, it generates command through computer and used less human force. The use of chipboard and MDF does not require much time of finishing, because the appearance of the panel is already looks good, just a simple sanding and coloring on the panel and it has looks neat and good.

The technology of furniture nowadays had emerged because of the industrial revolution. This improvement was needs by the industry to growth. The inventions that allowed new products to be manufactured created a demand that caused a vicious cycle that propelled people to prosperity. In the bigger picture, this revolution could change the climate of economic environment around the world

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