Abstract

Small industry in Indonesia is growing rapidly, it is also seen in the Small Industries craftsmen sandal. In production, Small Industrial orders every week should be sufficient for at least 80 kodi sandals. This is because consumer demand to increase as a result in appear of the attractive sandals models.

In the process of making sandals in small industrial, blanking sandals profile is a process that takes a relatively long time. This is because the system is still manual which uses human power. As a result, most of the demand could not be filled. In addition to the material efficiency is still low, it is because a process of cutting material with a width according to the length of sandals, so much material is wasted. Then to improve the efficiency of blanking process, we are designing our final project "Built and Design Machine Electro Pneumatic Blanking Sandals Profile".

On "Built and Design Machine Electro Pneumatic Blanking Sandals Profile" material efficiency can be maximum because there is not twice slice. In contrast to previous devices that wasting material because of twice slices according to device wide.