

## **ABSTRACT**

*Kebun Binatang Bandung or Bandung Zoo is one of the tourist attractions of the city of Bandung which has as many as 1,600 animals and 218 species. The author took a visit to the zoo and got problems especially the care of cages where wood is replaced for wild animals such as Tigers, Leopard, Honey Bear requires human labor as much as 10-20 people with makeshift equipment, namely a rope tied to a log in a period of wood replacement approximately 6 months depending on the behavior of animals on wood with uneven contour of the land being passed.*

*As a product designer, of course, we must create a tool that is easy to use and easy to reach and not time consuming, especially this is very important for animals in the zoo to feel like they are in their original habitat, using a mini crane to transport the wood with re-design the tool uses a system adapted to the conditions at the Zoo.*

***Keyword: Transporting, Crane, Log Wood, Zoo***