

## ABSTRACT

*A company will be faced with problems relating to the distribution system. This problem arises because consumers are in geographically dispersed locations, this resulted in the importance of holding inventories at several location. CV. Gunakarya Mandiri is a company engaged in the field of animal skins drug distributors.*

*CV. Gunakarya Mandiri not yet have a good distribution planning. Planning distribution company run by less effective and has few weaknesses. Given these problems, then conducted research with the method of Distribution Requirements Planning (DRP) in the hope to be distributing the product from factory to warehouse in an optimal distribution.*

*Distribution Requirements Planning is a method to handle the procurement of supplies in a multi-echelon distribution network. The purpose of the Distribution Requirements Planning (DRP), which make planning and scheduling activities of a good distribution, so that success in meeting customer demand will be more optimal, increase sales performance in fulfilling orders in a timely and appropriate amount so that distribution costs can be reduced economically possible.*

*Results obtained Planning Distribution Research company method, the Total Cost of distribution data covers product demand, product price, booking fees, storage fees, shipping costs, lead time data with DRP method is smaller when compared with the methods of the company. Total Cost (TC) with the method the company is at Rp. 19.791.120,- and Total Cost with DRP method is Rp.9.228.748. So there is the difference between the total cost companies a total cost of 53 % DRP method.*

***Key words: Distribution, Distribution Requirements Planning (DRP)***