PLANNING IN MACHINE FRAME TRANSPORTERS OF THE SALT

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Abstract
Currently the process of removal of salt from salt fields into temporary shelters is done manually which is carried by human power. With one-way farmers carrying 2 baskets that each - each weighs 50 kg per basket. So that it is less efficient because it requires manual processing costs, effort and time is relatively long. To overcome this author felt the need to plan for a machine of salt so that the salt transport process becomes more efficient. Planned conveyance capable of transporting 250 kg of salt.

In the first planning study and survey on people's salt fields, and then design a machine designs of salt as needed. The next step is to plan and calculate kekutan frame. The final step in the planning process is the testing tool. Testing tool intended to assess the success of these tools.

From the results of these experiments, it was found that the planning and calculation of a moment frame custody, moments bent, shear stress, shear bending and maximum load a have safety point.

Keywords: salt transporters engine, frame machine transporters of the salt.