ASSESSMENT OF PROSPECTS FOR CREATION OF MACHINE-TRACTOR AGGREGATES ON BASIS OF ENERGOCREDIT INTEGRATED LAYOUT

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Abstract. *The results of studies evaluating the impact of features of the IC design-layout scheme energonasos conducted using the criteria of Assembly, maintainability and Assembly of a functional saturation energonasos for the creation of machine-tractor units at its base. As a result of researches it is established that structurally-layout scheme energonasos has a significant impact on the indicators characterizing the efficiency of the generation units at its base. For the technological process of cultivation of cereal crops found that for energocredit integrated design-layout scheme is the best scheme solution which implies the existence of adjustable reverse control and allows you, subject to the effective functioning of the combined units at their base and availability of machines and tools to create the necessary aggregates to obtain the average values of the criteria of collecting and maintainability of the unit at the level of 0.90 and criterion functional saturation energosistemu – at 1.00. With the aim of improving the design of energocredit to guide research and development work in the direction of creating the necessary means and conditions aggregation of energy module technology modules, and may constitute areas for further scientific research on this issue.*

Key words: ***mobile power-tool, machine-tractor unit, acquisition, evaluation, integral structurally-layout scheme, criterion***