

ANALYSIS OF EXPLOITATION-TECHNOLOGICAL RELIABILITY OF COMBINE HARVESTERS

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Abstract. *In the process of operation of combine harvesters, the main criterion of effective use is maximum productivity at the lowest cost of living and materialized labor with the measures compliance with agro-technological quality of the process and requirements of labor protection and the impact on the environment. Therefore, one of the most effective ways of ensuring maximum performance of the combine harvester is its operational and technological reliability.*

To establish the analytical relationship between the performance of combine harvester and its operational and technological reliability, as a complex technical system with a predetermined quality, it is necessary to apply the general theory of reliability and performance that with a high degree of reliability can apply are identified in the production processes.

Key words: *analysis, operation, manufacturability, reliability, combine harvester*