

Abstract of the Article

“Machining Center as a Machining Production System Component”

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The article describes the scientific approach to the organization and technical structure of the machining production system components. Despite the objective existence of this system, which combines a machining workplace with machine a worker, there is no terminology for this economic object nowadays.

Taking into account the terms "workplace" and "business center" we receive interpretation that do not completely meet the properties of atomic element of the machining production system; the authors of this article suggest the term "machining center". Machining center is a special system that combines machining workplace and a worker who produces technological machining operations products.

Machining center is an artificial but objective combination of labor, material and intangible resources (which exist objectively and are subjected to social and economic laws) that are concentrated and arranged at the machining workplace to reach a mutual goal that is carrying out of technological machining operations.

Being a part of the enterprise's machining production subsystem, machining center follows the high-level hierarchal system and great capacity.

Neither a workplace nor a worker has such capacities individually.