

The next stage in the design of the technological process for manufacturing a fork-type part will be the choice of equipment. This stage of this process plays an important role in improving production efficiency. Because when choosing equipment, it is necessary to take into account a number of factors that affect time consumption, product quality, labor costs, etc.

The task in this study is to automate the process of manufacturing parts such as forks, to achieve this goal, careful selection of both equipment for processing workpieces and measuring instruments, as well as automation of transitions of operations, is necessary.

For complete automation of the process, it would be advisable to choose automated production equipment, for example, a universal CNC machining center is suitable for this type of part.

The DMU 80 P duoBLOCK with 800 mm travel in all axes offers large working area for efficient metal cutting.

Base for symmetrical heat distribution

developed on the basis of the innovative duoBLOCK concept, which consists of two rigid cast blocks with three guides in the X-axis and a well-proven 3-point support.

The extremely high stability achieved through this, in turn, turn, provides a weight-optimized design of the X support and milling head.

Perfect complete machining: Turning and milling technology combined in one. Milling and turning in one setup guarantees high precision and saves time. Based on the innovative 3rd generation duoBLOCK construction with longer stroke and higher table loads. The fast and compact pallet changer on DMC machines allows you to set up during the production cycle to achieve maximum productivity.

This equipment will allow to obtain parts with high accuracy, while saving working time, minimizing the cost of human labor.

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