## Improvement of Numerical Control of NC-201M Unit

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Numerical control of NC-201M unit is used in an engineer, machine-tool construction, metal-working, wood-working and in other industries of industry.

NC-201M use as complete good at creation of complexes «a device is a management object», for example, technological complexes, options, high-automated machine-tools and finishing centers of such groups, as gas-plasma, laser, wood-working and others.

For the improvement of programmatic control and improvement of work unit it is possible to add a bearing-out control of NC110-78I.

A control stand is intended for adjusting of position of instrument, traffic of axes and automatic control a machine-tool control. For joint work of c of NC-201M the program of logic is created. User NC-201M must independently work out the program of logic taking into account the specific of the system, in that will be used bearing-out to the control of NC110-78I created on the base of signals of interface of PLC NC-201M as NC.

A bearing-out control stand has 13 function buttons without an indication, three freely programmable keys with an indication, electronic steering wheel and LCD display. For connection from NC-201M a bearing-out control stand has a built-in spring cable. Thirteen function buttons allow to choose the guided axis, set office hours and executable operation. The functions of three freely programmable keys are appointed by the developer of programmatic logic bearing-out control of NC110-78I, coming from the requirements of management a concrete equipment.

On the display of bearing-out stand a management darts out such information as: office hours, select axis, size of moving, direction of moving and step of moving.

Thus, with the use of bearing-out control stand for NC-201M we can lead and check to the robot number-control software at arm's length from him, facilitating work of operator to the machine-tool with a number-control software. The worked out program of commonunication is between number-control software and bearing-out control stand.