

Basic settings-JOG move

The screenshot shows the 'Parameter' dialog box with the 'Basic Settings' tab selected. The 'Jog' sub-tab is active. The 'Speed control' section contains two rows of speed settings for X, Y, Z, and 4 axes. The 'Manual speed, fast' row has values 30.00, 20.00, 15.00, and 180.00. The 'Manual speed, slow' row has values 3.00, 1.00, 1.00, and 5.00. The units are mm/s for the first three axes and %/min for the fourth. The 'Jogging, reset to endless' checkbox is checked. The 'Changeover time' is set to 300 ms. At the bottom are 'OK', 'Abort', and 'Save...' buttons.

	X	Y	Z	4
Manual speed, fast	30.00	20.00	15.00	180.00
Manual speed, slow	3.00	1.00	1.00	5.00

☒ Jogging, reset to endless

Changeover time: 300 ms

JOG move, fast / slow mode

Here, the speeds for JOG move can be set. Distinction is made between slow and fast mode.

Jogging, reset to endless

In jog move mode all axis can either be moved endlessly, i. e. until releasing the mouse key, cursor key or discrete distances which are selected by the dropdown menu.

The setting endless should be re-established automatically after each movement in order to avoid starting a pre-set distance inadvertently and to guarantee infinite move.

Changeover time

The changeover time defines the delay for the transition from single step to continuous movement in jog mode.

WinPC-NC outputs individual steps to the motors every time one of the cursor keys is pressed briefly or the mouse button is used to click one of the movement buttons once. If one key or button remains pressed for a longer time, that is the changeover time, the motor changes to continuous movement and is not stopped until the key or button is released.
