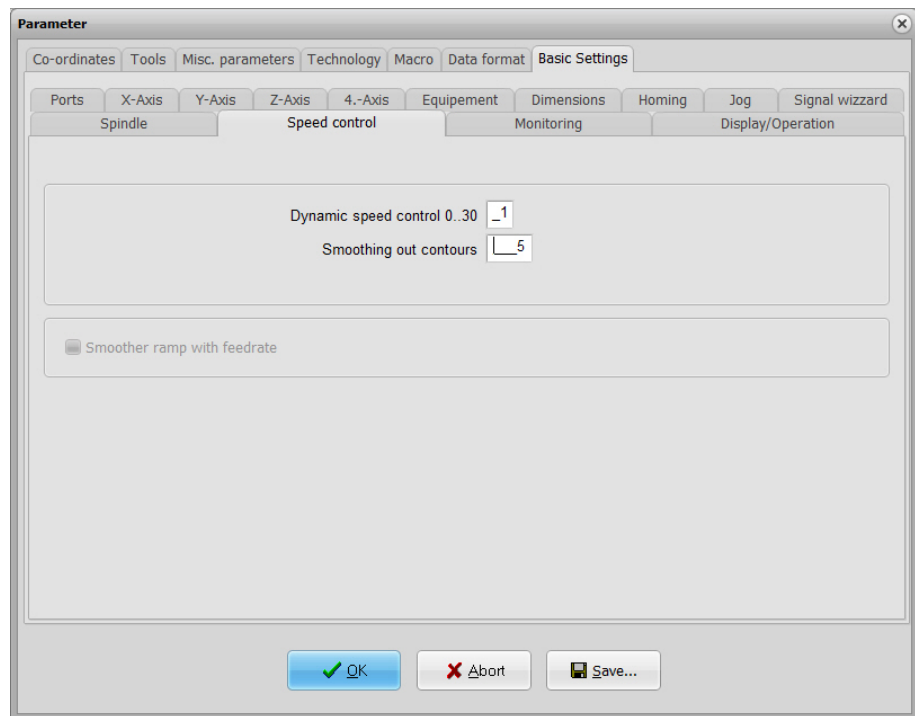


Basic settings-Dynamic speed Control



Parameter-Basic settings Dynamic speed control

Factor Dynamic Speed Control

The speed control of **WinPC-NC** is a very complex function. With the help of the look ahead function it tries to recognize future contouring and to adapt the corresponding speed.

Look ahead function

The grade of quality concerning speed adaptation strongly depends on mechanical and loading conditions of the machine and the dynamic of used drives. Therefore it is not possible to give any recommendation concerning optimal settings. They are to be determined by specific tests of the individual operator.

The defined value determines the level for decelerating the current speed with small and tight radii. A value of zero deactivates speed adaptation and allows only the action of the set brake angle.

Smoothing out contours

Filter for producing finer contours

WinPC-NC is equipped with a filter in order to smooth contours and sheets consisting of many small vectors. This is necessary for producing fine and neat edges.

The parameter defines a factor of 0-2000.
