

ABSTRACT

The invention relates to a method for machining workpieces within a machining machine, in which a tool is moved relative to a workpiece (1). The tool or the workpiece (1) travels at a predeterminable travel speed in a travel direction which is predetermined by a movement path (3). The movement path (3) is divided into machining portions (4) and acceleration portions (5). Within the machining portions (4), the workpiece is machined between a starting point (6) and an end point (7) of the machining portion (4) at a predeterminable machining travel speed in a machining travel direction. The travel speed is adjusted along the acceleration portion (5), which is defined by the end point (7) of a first machining portion (11) and the starting point (6) of a second machining portion (12), such that the predetermined machining travel speed is reached at the starting point (6) of the machining portion (4).

Fig. 1