



LatheCity

Safely Working with Benchtop Systems IV

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Synopsis

Most of us started our hobby with work on a lathe. However, the shapes than can be cut are limited. For example, basic accessories are simple to machine if a mill is at hand. Even a hobby machine shop is incomplete without a milling machine. Fortunately, quite sturdy tabletop mills are available at acceptable costs. However, none of these come with an extended manual. Mill work, on the other hand, is trickier to learn than turning. Thus, a book that describes not only the simplest operations would be useful.

Author

Uwe Burghaus, born in West Berlin, Germany, obtained his education in Physics and Physical Chemistry at the Free University of Berlin. He obtained a PhD in 1995, after conducting his graduate studies in surface science at the Fritz-Haber Inst. of the Max Planck Society in Berlin. After postdoctoral positions in Genoa (Italy) and Santa Barbara (USA) he went back to Germany to complete a habilitation (German tenure) in Physical Chemistry. Now at North Dakota State University, he started to establish a surface chemistry group in 2003 and obtained tenure in 2009. His group is currently focusing on studies about the adsorption dynamics and kinetics of small molecules on nanostructured catalysts. He is not a professional machinist by training. However, in 2012 his hobby developed into a small part-time business. LatheCity sells currently books about metal working including software tools as well as accessories for mills and lathes: everything that's fun to make and may find customers. The strength of the business is custom designed/customized pieces.