**Mini Lathe Machine**

Abstract

The lathe is one of the most vital device tools in the industry of metal working and a lathe functions on the principle of a rotating work piece and a fixed cutting instrument. The cutting instrument is feed into the work piece which rotates about its own axis and with its help we can make the work piece in a required shape that we need or want. By performing the different operations like cutting, knurling and boring, deformation, facing, sanding and turning. This Mini Lathe machine is little in size and delicate in design weighing only 5 kg.