



Low Cost CNC Automation

By Patel Chetan Hanumanthappa

LAP Lambert Academic Publishing Okt 2013, 2013. Taschenbuch. Book Condition: Neu. 220x150x7 mm. Neuware - The term automation has many definitions. Apparently, it was first used in the early 1950s to mean automatic handling of materials, particularly equipment used to unload and load stamping equipment. It has now become a general term referring to services performed, products manufactured and inspected, information handling, materials handling, and assembly all done automatically (i.e. as an automatic operation without human involvement). At present, in order to solve the low efficiency and high cost problem in the process of CNC machines, Nowadays Manufacturers have always faced the challenge of constantly needing to find new ways to reduce the cost of their loading and unloading processes in machining centers. The project title is LOW COST AUTOMATION FOR MACHINING CENTER new concept in Machine tool industry for continuous production, less cycle time and more accuracy. This project contains the auto loading plate, unloading plate, hydraulic fixture and rotary table controlling with PLC Ladder logic controller. It is a simple automation system for auto load and unload component to vertical CNC Machining center as compared to the gantry auto load and unload system. 112 pp. Englisch.



READ ONLINE
[1.61 MB]

Reviews

This pdf is worth buying. It is actually written in basic words and not confusing. It has been printed in a remarkably basic way in fact it is merely following. I finished reading this publication through which really altered me, affected the way I really believe.

-- **Dr. Linwood Lehner IV**

Very good electronic book and useful one. It absolutely was written extremely completely and useful. You will not feel monotony at any moment of your respective time (that's what catalogs are for relating to when you question me).

-- **Prof. Noah Zemlak DDS**