

Thesis Title	Automatic Position Control with Induction Motor
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Abstract

CNC (Computer Numerical Control) is a machine which becomes popular in industrial production process according to the CNC machine use servo motor as a device to lead the work piece into accuracy position. Anyway, the servo motor and its device controller are very expensive. Therefore, this thesis proposes an approach to use induction motor with invertor as a control device for centerless gringer in stead of using servo motor. The testing results concerning about position control of grinding wheel are presented.