

CONCEPT OF AUTOMATED MACHINING AND INSPECTION IN FMS

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ABSTRACT

Automation is a step beyond mechanization, the correct incentive for applying automation is to increase productivity and to improve the quality. Automation plays an increasingly important role in the world economy and in daily experience. Automation has had a notable impact in the manufacturing industries. Automated manufacturing systems operate in the factory on the physical product. They perform operation such as processing, assembly, inspection, or material handling and sometimes accomplishing more than one of these operations in the same system.

KEYWORDS: Automation, Automated Machining, Inspection, Machine Vision, Pro-E Software, FMS