

DESIGN OF AN END EFFECTOR FOR A ROBOT ARM

by

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Project Report

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SUMMARY

Design of an End Effector for a Robot Arm By Embedoklis Ph. Yiannis

This project deals with the design of an End Effector which will be used for performing a task in a Glass Production industry.

This Project is separated into 4 chapters:

Chapter 1 is a brief analysis of the industrial robots and their components, characteristics and parts, which introduces as to one of the most important parts the End Effector.

Chapter 2 is a detailed theory based on End Effectors and their types.

Chapter 3 deals with the decision of the Mechanism of the End Effector to be Designed and the task to be performed by it.

Chapter 4 refers to the design , operation and applications of this End Effector.

Also this project provides Drawings for better understanding on how this End Effector is to be constructed.

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