

H. T. I.

**MECHANICAL ENGINEERING COURSE**  
**DIPLOMA PROJECT**

**PALLETIZING AND PACKING USING A ROBOT ARM**

**M/979**

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# PALLETIZING AND PACKING USING A ROBOT ARM

By

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*To my family*

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## SUMMARY

This diploma project consist of three parts:

The first part contains chapters one to four and deals with a general introduction to robotics, a historical perspective of robots, the basic components of robot, robot classification and robotic applications.

The second part contains chapters, five and six which contain a literature on fixed automation and flexible automation (robots).

The third part contains chapters seven to twelve that contain an introduction to FANUC 100i industrial robot, an explanation on how a program is inserted in the robot, the package problem and the programming.