

# Contents

Introduction	1
--------------	---

## *Part I*

Chapter One—Defining the need for a robot	11
---	----

- 1.1 Corporate objectives and robot systems
- 1.2 Company and robot system characteristics
- 1.3 Feasibility study

Chapter Two—Choosing a robot	23
------------------------------	----

- 2.1 Preparing a robot application description
- 2.2 Preparing a robot search description
- 2.3 Narrowing down the choice of robot; testing and application trials

Chapter Three—Specifying, ordering and installing the robot system	35
--	----

- 3.1 System specification
- 3.2 Ordering the system
- 3.3 Preparing for the system
- 3.4 Installing the system
- 3.5 Post-installation activities

## *Part II*

Chapter Four—Safety and robot systems	59
---------------------------------------	----

- 4.1 Safety—whose responsibility?
- 4.2 The robot system—an overview
- 4.3 Safety—the robot and the work process
- 4.4 Robot system malfunctions
- 4.5 The human element
- 4.6 Integration of safety aspects

