

Precision Machine Tools

Cincom L10
PRECISION MACHINERY DIVISION

OPERATOR'S MANUAL

シチズン時計株式会社機械事業部
CITIZEN WATCH CO., LTD

CONTENTS

I.	GENERAL	I-1
1.	GENERAL	I-2
2.	PRECAUTIONS IN READING OPERATOR'S MANUAL	I-2
II.	SAFETY	II-1
1.	GENERAL PRECAUTIONS	II-2
2.	PRECAUTIONS BEFORE STARTING MACHINE	II-2
3.	PRECAUTIONS DURING OPERATION	II-2
4.	PRECAUTIONS AFTER WORK	II-3
5.	PRECAUTIONS IN SETUP OR ADJUSTMENT	II-3
6.	PRECAUTIONS FOR ELECTRIC EQUIPMENT	II-3
III.	MACHINE SPECIFICATIONS	III-1
1.	DESIGNATIONS OF DIFFERENT SECTIONS OF MACHINE	III-2
2.	EXTERNAL DIMENSIONS AND ARRANGEMENT OF MACHINE	III-4
3.	STANDARD SPECIFICATIONS	III-5
4.	OPTIONAL SPECIFICATIONS	III-
IV.	OPERATION	IV-1
1.	OPERATION PANEL	IV-3
2.	PROCEDURES OF OPERATION AND CRT DISPLAY	IV-19
3.	OPERATION I – OPERATION TO EXECUTE PROGRAM –	IV-23
4.	OPERATION II – OPERATION TO INPUT PROGRAM –	IV-53
5.	SETUP AND ADJUSTMENT	IV-67

V. PROGRAMMING V-1

1. FUNDAMENTALS OF PROGRAMMING V-3

2. COMMANDS OF PROGRAM V-17

3. PRACTICALITIES OF PROGRAMMING V-37

4. APPLICATION OF PROGRAMMING V-63

5. PROGRAM DRILLS V-83

6. CUTTING CONDITIONS V-97

VI. TOOLING VI-1

1. CHARACTERISTICS OF L10 TOOLING VI-3

2. TYPE OF TOOLING VI-4

3. PRECAUTIONS IN TOOLING VI-9