

TOYOTA WATER JET WEAVING MACHINE

Model LWT710

(FIRST EDITION)

Thank you for purchasing the LWT710 Water Jet Weaving Machine.

This instruction manual describes the correct installation, operating principles, function, adjustment, and maintenance of the LWT710 motions, all of which should be familiar to all personnel concerned.

Before operating, adjusting, or maintaining the LWT710, be sure to read this manual carefully to understand the LWT710. Always keep this manual in a safe and fixed place.

If you have any questions concerning the machine, please contact us at the following locations:

**HEAD OFFICE: TOYOTA INDUSTRIES CORPORATION,
TEXTILE MACHINERY DIVISION**

1, Toyodacho 2-chome, Kariya-shi, Aichi, 448-8671 JAPAN

PHONE: +81 566 27-5316

FACSIMILE: +81 566 27-5301

TOKYO BRANCH: Marunouchi Bldg. F29

4-1, Marunouchi 2-chome, Chiyoda-ku, Tokyo, 100-6329 JAPAN

PHONE: +81 3 5293-2500

FACSIMILE: +81 3218-0070

OSAKA BRANCH: Room 506, Toyoda Bldg.

3-11, Minamisenba 4-chome, Chuoh-ku, Osaka, 542-0081 JAPAN

PHONE: +81 6 6251-3543

FACSIMILE: +81 6 6251-3573

Specifications, operating instructions, and dimensions in this manual are subject to change for improvements without notice.

TOYOTA shall take no responsibility for loss, damage, expense or claims for bodily injury or property damage arising from incorrect usage which is not in accordance with the instructions given in this manual.

In no event will TOYOTA be liable for products resulting from the use of this machine.

About the LWT710 Water Jet Loom Instruction Manual

The LWT710 Water Jet Loom Instruction Manual is made up of 15 chapters and appendices as listed below.

Chapter S. SAFETY

Chapter O. OPERATION

Chapter 1. PREPARATION

Chapter 2. LET-OFF MOTION

Chapter 3. CLOTH TAKE-UP MOTION

Chapter 4. SHEDDING MOTION

Chapter 5. WEFT INSERTING • MEASURING MOTION

Chapter 6. BEATING MOTION

Chapter 7. DETECTORS

Chapter 8. SELVAGE FORMING DEVICE

Chapter 9. INSTRUMENTATION

Chapter 10. WATER EXTRACTION SYSTEM

Chapter M. MAINTENANCE • DISASSEMBLY/REASSEMBLY/ADJUSTMENT • LUBRICATION

Chapter G. GAUGES, TOOLS, AND MEASURING INSTRUMENTS


Chapter T. WEAVING TECHNOLOGY

APPENDIX


- This manual also covers a part of various options and selections available with the LWT710; it is not edited for your contracted machine specifications only. If any specifications of contracted machine are missing, contact us for the information.
- There may be some discrepancies between the descriptions/illustrations in this manual and the specifications of your machine. For example, the machine speed (rpm) or the fabric type given in this manual may differ from that of your machine specifications. This is because the LWT710 Water Jet Loom Instruction Manual goes by the typical machine specifications. Depending upon your options and selections, the function panel display or accessories may also differ.
- Use this manual, applying your contracted machine specifications.
- Values given in this manual are reference values; they are not assured values.
- This manual does not cover the contents of "Installation Guide" already sent to you.

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- For the group-control inverters and dobbie or positive cam shedding motions, refer to respective instruction manuals separately issued by the manufacturers.

(1)  **WARNING**

The  **WARNING** symbol is used in this manual, alerting you to a situation that might cause serious injury or death to the operator if he or she does not follow the instructions in this manual necessary to avoid any dangers in the machinery.

(2)  **CAUTION**

The  **CAUTION** symbol is used in this manual, alerting you to a situation that might cause minor injury to the operator if he or she does not follow the instructions in this manual necessary to avoid any dangers in the machinery.

(3) **NOTE:**

The **NOTE:** mark is used here, alerting you to possible substantial property damage if the operator fails to follow the instructions in this manual.