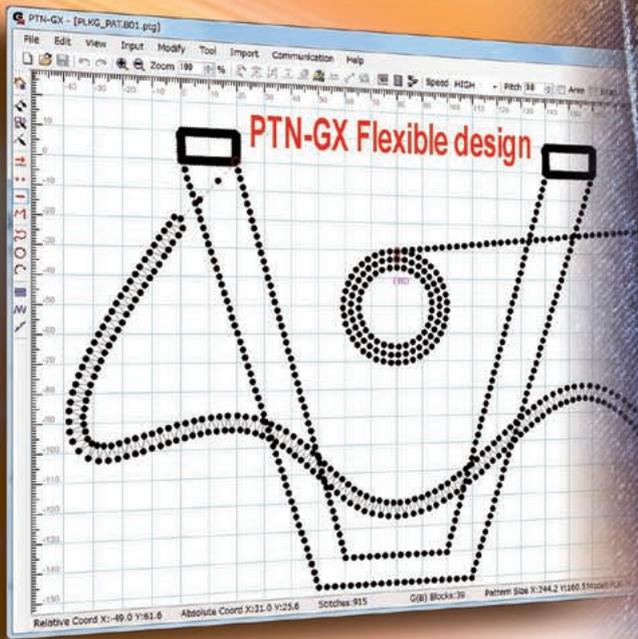




Changes for the Better

INDUSTRIAL SEWING MACHINES
Software package for creating sewing data

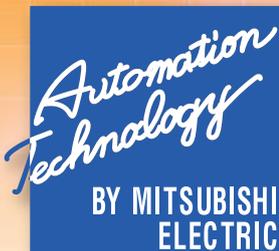
PTN-GX



For beginners
to professionals

Quick & Simple

Flexible Data Changes



for a greener tomorrow



Simple, Accurate and Secure

Software for easy creation of stitching data with a personal computer

Windows®7 compatibility

Now supporting the Windows®7 operating system. Use the same icons as those for the Mitsubishi Electric electronic sewing machine operating panel immediately after installation.

Simultaneous CAD/CAM data input

Simultaneously input individual functions such as stitch length, speed and code while inputting the shape.

Compatible with A,B,E and G Series Machines

This unit can be used together with the A,B,E and G series of Mitsubishi Electric electronic sewing machines, making it possible to read, correct and write data (A and BA data are read only).

Direct conversion to stitching data

External data such as BMP, JPEG, DXF and embroidery can be imported and directly converted into stitching data.

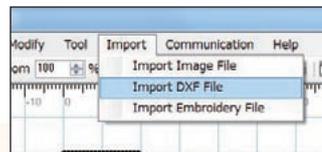
*Some restrictions apply for data conversion. Please refer to the product instruction manual before using the machine.

Sewing machine automation reduces cycle time

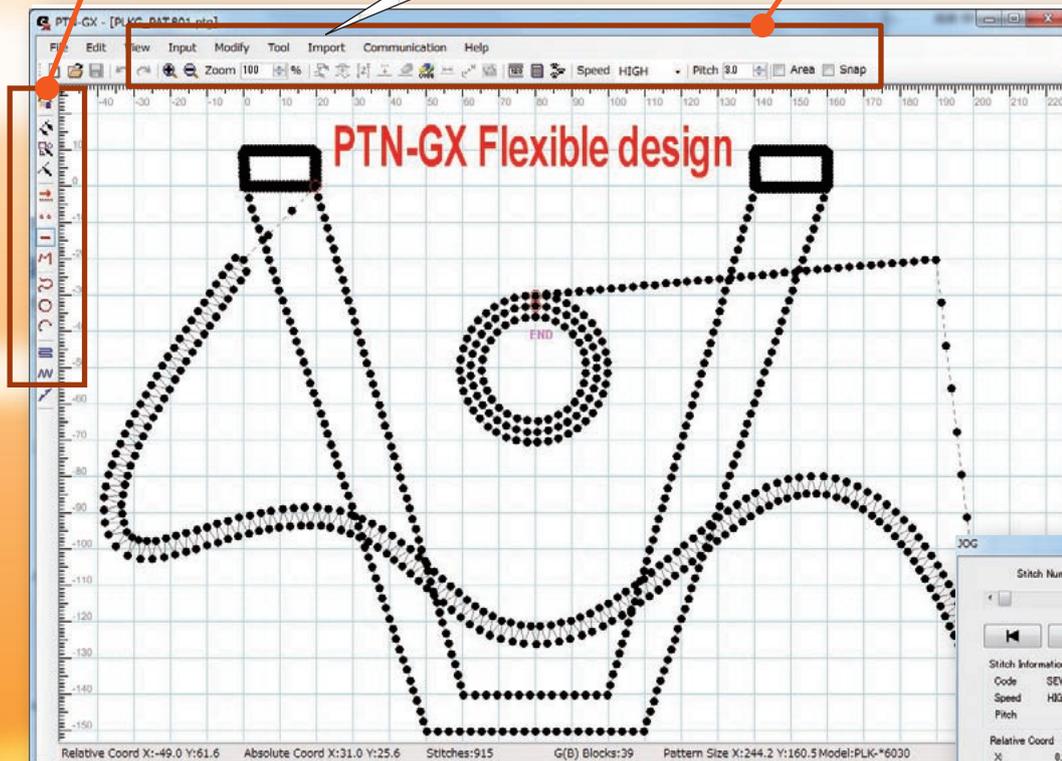
Easily input and edit automated device operation at the same time as stitching data.

Basic screen

Stitching input method selection



Various auxiliary function icons



Stitching data simulator



PTN-GX

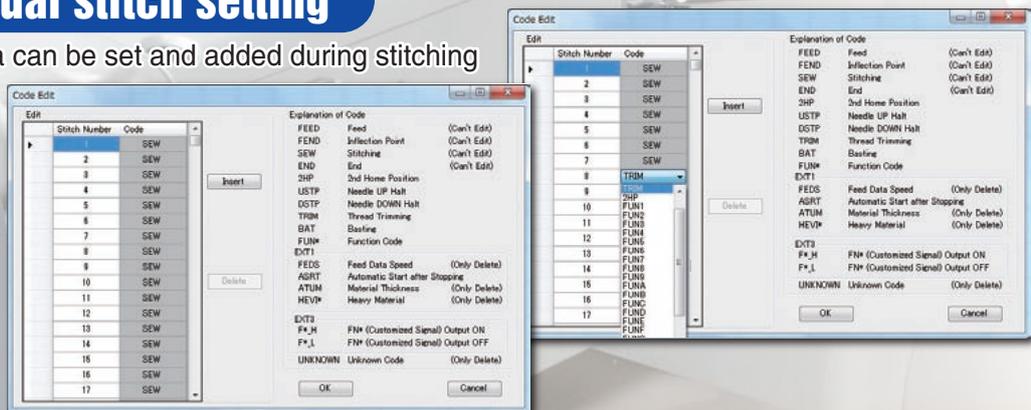
Input setting

- **Input method**
Point, line, circle, arc, curve, polygonal line
- **Tacking**
Start, end, overlap
- **Special input**
Multiplex, demultiplex, offset
- **Zigzag**
Right side, left side, center



Individual stitch setting

Required data can be set and added during stitching



- **Input and correct data via mouse operation only.**
- **Stitching data from conventional models can be used, and external data (BMP, JPEG, DXF, embroidery data) can be read in.**

Related software

To download related software, please visit the following website.

<http://www.mtco-web.co.jp/misin/english/index.html>

Electronic sewing machine setting software (PLKG-SET)

Set various sewing machine options and the input/output port functions.

Electronic sewing machine sequence creation software (PLKG-STEP)

Create programs for special sewing machine movements and sequential operation with external devices.

INDUSTRIAL SEWING MACHINES

Software package for creating sewing data

Recommended working environment

Item	Specifications
CPU	1.5GHz or higher 32-bit (x86) or 64-bit (x64) processor
OS	Windows®XP SP3, Windows®7/SP1 (32-bit/64-bit)
RAM	32-bit: 1GB or more, 64-bit: 2GB or more XP: 32-bit, Windows®7: 32-bit/64-bit
HDD	Windows®XP, Windows®7 :32-bit (16GB or more free space) Windows®7/SP1 :64-bit (20GB or more free space)
Monitor resolution	1024 × 768 or higher
Monitor color setting	Full color (32-bit) or higher
Peripheral devices	CD-ROM drive (used for installation), USB mass-storage device (used to transfer data between sewing machine and personal computer), USB port x 2 (for USB mass-storage device and protection key), RS-232C port (to transfer stitching data to sewing machine)

* The required CPU, memory and hard disk specifications will differ according to the amount of data processed.

* Comparatively high computer performance is required to ensure smooth operation.

Windows is a trademark or registered trademark of Microsoft Corporation in the United States and other countries.

Main specifications

Item	Specifications
Product	PTN-GX
Protector	USB
Input	Linear, arc, circle, curve, polygonalline, point, multiple/offset, zigzag, tacking (same input functions as Mitsubishi Electric's PLK-G Series electronic sewing machines)
Modification	Delete, insert, change, move, convert, code, presser foot step (in addition to Mitsubishi Electric's PLK-G Series electronic sewing machines modification function, data can be deleted, inserted and moved in block units)
Display scale	20~5,000%
Grid line pitch	0.1 to 100mm, or hidden
Input method	Personal computer mouse, coordinate value input (absolute coordinate, relative coordinate)
Compatible data	Data compatible with Mitsubishi Electric's PLK electronic sewing machines (A, BA, E, G data)*1 DXF data*2 (R12, R13, R14), BMP data*2, JPEG data*2 embroidery data (only specified versions are supported)

*1. A and BA data are read only.

*2. Some restrictions apply to the data conversion function, please refer to the instruction manual before use.



Safety Precaution

To ensure safe and proper use of the products in this brochure, please make sure to read the relevant instruction manuals and technical notes before use.

Note: Be sure to confirm the details of the warranty when making a purchase.

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