



Product Sheet

Juki LZ-2290C

Category: Industrial sewing machines

Juki LZ-2290C – Digital zigzag with maximum precision

The Juki LZ-2290C combines digital control with advanced thread tension for perfect seams in everything from standard zigzag to decorative sewing. With motorised feed, automatic multi-layer detection and 11 stitch variations, it delivers consistent results even in thick materials. The LCD panel makes it easy to choose from 20 patterns or create your own – ideal for garment manufacturing, bra making and technical textiles.

- Digitally controlled feed
- Rotating active thread tension
- User-friendly LCD panel

Product description

Juki LZ-2290C – Digital precision for the sewing industry

The Juki LZ-2290C series takes industrial sewing to the next level with digital control, advanced thread tension and flexible customisation. With two configurations – fully digital and standard digital – the machine offers unrivalled precision and efficiency for everything from standard zigzag to complex decorative stitches.

The motorised feed mechanism makes adjustments quick and easy, while rotating active thread tension automatically stabilises the stitches for perfect results at all speeds. Thanks to intelligent multi-layer detection, the machine can automatically adjust settings to avoid uneven stitches when sewing thicker materials.

With 11 stitch variations and 20 patterns, a user-friendly LCD control panel and the ability to create your own patterns, the LZ-2290C is the ultimate machine for precision sewing in garment manufacturing, bra making and technical textiles.

Description

- Digitally controlled feed – Fast and precise adjustment for perfect fabric handling.
- Rotating active thread tension – Automatically optimised thread tension for flawless seams.
- Intelligent multi-layer detection – Adjusts settings for even seams on different material thicknesses.
- Versatile sewing functions – 11 stitch variations and 20 patterns for maximum flexibility.
- User-friendly LCD panel – Easy access to all settings and the ability to create your own patterns.

Models

- **LZ-2290CF-7:** With automatic thread cutter
- **LZ-2290CS-7:** Without automatic thread trimmer

User-friendliness and performance

- Stitch adjustment via LCD panel
- Quiet operation and low vibration
- Automatic thread tension for even seams
- Programmable presser foot lift for faster workflow

Technical Specification

Machine Specifications	
• Machine type	Fully digital
• Maximum sewing speed	5,000 stitches/min (at standard setting) 4,000 stitches/min (when using large zigzag widths)
• Stitch length	Standard 2.5 mm (can be changed with dial gauge)
• Stitch formation mechanism	Motor-driven
• Feed direction	Motor-driven (can be adjusted at any time)
• Stitch width	Maximum 10 mm
• Wire cutting function	- LZ-2290CF-7: Yes (automatic) - LZ-2290CS-7: No
• Wire tension adjustment	Rotating wire tensioning system
• Stitch selection mechanism	Rotating selection (mechanical)
• Press foot lift	- Standard: Spring lift (manual) - Knee lift: Up to 10 mm
• Stitch length adjustment	Digitally controlled
• Gripper	DP gripper with titanium coating
• Needle type	ORGAN DP × 5 (#14 standard, #8 – #18 available)
• Stitch options	Standard: Zigzag Special: Decorative stitches Maximum number of stored stitch patterns: 20 programmes
• Memory for customised stitch patterns	Yes, via digital control
• Power consumption	500W
• Weight of the machine	- With automatic wire cutter: 60 kg - Without automatic wire cutter: 48.5 kg