

JUKI®

Computer-controlled, Direct-drive, High-speed, 1-needle, Lockstitch, Zigzag Stitching Machine with an Automatic Thread Trimmer (bird's nest prevention type)

LZ-2290ASS-7-CB

LZ-2290ADS-7-CB

(dry-head type)

LZ-2290ASU-7-CB

(with an anti-material-slip capability)

LZ-2290ADU-7-CB

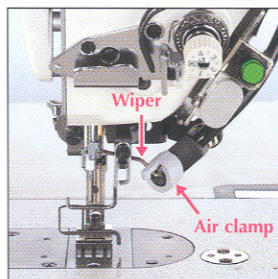
(dry-head type and with an anti-material-slip capability)

The machine prevents thread from tangling at the start of sewing!
It promises upgraded quality seams.



LZ-2290ASS-7-CB

- * The machine prevents the formation of so-called "bird's nests", where thread tangles on the reverse side of the material at the start of sewing, thereby producing upgraded quality seams. The machine does not require thread nipping after thread trimming, thereby increasing productivity and upgrading the seam quality.
- * The machine clamps the needle thread after thread trimming, such that the needle thread is caught in the hook, thereby preventing sewing troubles, which are likely to occur at the start of sewing.
- * With JUKI's unique needle thread clamping device combining a pneumatic system and ball structure, the machine starts sewing with the needle thread securely clamped, cuts the thread with the knife built in the presser foot, and automatically vacuums thread waste produced by thread trimming to neatly finish the material.



Bird's nest prevention type

Standard type

| Bird's nest prevention type | | Standard type | |
|-----------------------------|--------------|---------------|--------------|
| Right-side | Reverse-side | Right-side | Reverse-side |
| | | | |

The machine is provided with many different stitching patterns.

- * The machine is provided as standard with fourteen different basic zigzag stitching patterns grouped into eight different types. You can choose the zigzag stitching pattern you want directly on the operation panel (IP-100) of the machine body. The zigzag width, needle throw position and number of blind stitches can also be easily adjusted on the operation panel.
- * A single unit is extremely versatile and can perform straight stitching, standard zigzag stitching, 2-step zigzag stitching, 3-step zigzag stitching, scallop stitching, and blind stitching. As a result, the system is available for a far wider range of applications.

Dry-head type

- * The non-lubricated head will never scatter oil, promising cleanly finished sewing products free from oil stains.
- * In addition, the machine and table will not be stained with oil during the gauge changing or maintenance on the machine such as cleaning.
- * The machine offers a service speed of as high as 4,000rpm for zigzag stitching. With this speed, the machine can be effectively used in various zigzag stitching processes.

Advanced operation panel IP-100

- * A liquid crystal display has been adopted. It displays stitch shapes, zigzag width and standard lines with pictographs and settings all together on one screen to improve operability of the panel.
- * The machine has added capabilities that make the most out of the computer-controlled sewing machine functions, such as program stitching (constant-dimension sewing), cycle sewing and continuous sewing. With these capabilities, the machine is able to respond to sewing in various processes.
- * Custom pattern data can be stored using the same SmartMedia that is widely used for digital cameras. This enables the sharing of custom patterns, not only in one plant, but also among two or more sewing plants, by exchanging data via e-mail systems.

Anti-material-slip capability type

- * Newly developed feed mechanism prevents the material slippage that is likely to occur when sewing slippery or elastic materials used for girdles or bodysuits.

Specifications

| Machine head type | Dry head type | | Minute-quantity lubrication type | |
|---|---|---|---|---|
| Model name | LZ-2290ADS-7-CB | LZ-2290ADU-7-CB | LZ-2290ASS-7-CB | LZ-2290ASU-7-CB |
| Type | Bird's nest prevention type | Anti-material-slip capability and bird's nest prevention type | Bird's nest prevention type | Anti-material-slip capability and bird's nest prevention type |
| Max. sewing speed | 4,000rpm (for standard zigzag stitching, the zigzag width has to be set to 5mm or less.) | | 5,000rpm (for standard zigzag stitching, the zigzag width has to be set to 4mm or less.) | |
| Max. zigzag width | Standard zigzag, 2-step zigzag, 3-step zigzag: 10mm (in increments of 0.1mm) | | | |
| Max. feeding amount | 5.0mm | 2.5mm | 5.0mm | 2.5mm |
| Lift of the presser foot | Stepless fine adjustment | | | |
| Hook | Exclusive no-lubricating hook (plastic hook with special-purpose race surface) | | DP hook (with a titanium-treated inner hook) | |
| Needle (at the time of delivery) | SCHMETZ438(#75), ORGAN DP×5(#10) | | | |
| Lubrication | No lubrication | | Minute-quantity lubrication to needlebar and hook (no oil pan system) | |
| Lubricating oil | - | | JUKI New Defrix Oil No.1 (equivalent to ISO VG7) | |
| Compressed air and air consumption | 0.6MPa (6kgf/cm ²) · 2Nℓ /min | | | |
| Power requirement and power consumption | Single-phase 100~120V, 200~240V, 3-phase 200~240V / Power rating 600VA | | | |

* Specification other than those given above conform to the specification of the LZ-2290A series.

When you place orders

Please note when placing orders, that the model name should be written as follows:

With an automatic thread trimmer

| Machine head type | Code | Type | Code |
|-------------------|------|-------------------------|------|
| Standard | S | Standard | S |
| Dry-head | D | Anti-material-slip type | U |

LZ2290A 7CB

| Wiper/Push-button-type reverse feed switch | | | | Device/Attachment | Code |
|--|--------------------------------------|-----------------------------|------|----------------------------|-------|
| Wiper | Push-button-type reverse feed switch | Bird's nest prevention type | Code | Auto-lifter (pedal-driven) | AK121 |
| Provided | Provided | Provided | CB | Not provided | |

PSC box/Control panel for SC

| Control box | Code | Control panel | Code |
|-------------|------|---------------|--------|
| Standard | S | IP-100A | IP100A |

SC915 SIP100A

| PSC box | | | Code |
|--------------------|--------------|--------------|------|
| For JUS* | 3-phase | 200~240V PFL | D |
| For General Export | Single-phase | 200~240V PFL | K |
| For CE | Single-phase | 230V PFL | N |

* JUS: North America and Central and South America.

● To order, please contact your nearest JUKI distributor.



JUKI CORPORATION HEAD OFFICE
 The environmental management system to promote and conduct
 (1) the technological and technical research, the development and
 design of the products in which the environmental impact is
 considered.
 (2) the conservation of the energy and resources, and the recycling,
 in the research, development, design, distribution, sale and
 maintenance service of the industrial sewing machines,
 household sewing machines and industrial-use robots, etc. and
 in the purchase, distribution and sale of the household
 commodities including the healthcare products.

JUKI
JUKI CORPORATION
INTERNATIONAL SALES H.Q.

8-2-1, KOKURYO-CHO, CHOFU-SHI,
 TOKYO 182-8655, JAPAN
 PHONE : (81) 3-3430-4001~4
 FAX : (81) 3-3430-4909.4914
<http://www.juki.com>

- * Specifications and appearance are subject to change without prior notice for improvement.
- * Read the instruction manual before putting the machine into service to ensure safety.
- * This catalog is printed on recycle paper.