

JUKI Industrial Sewing Machines

Lockstitch, overlock, coverstitch, zigzag, walking-foot, buttonhole, bartack and button machines from JUKI, with full specifications.

ماكينات جوكي للخياطة الصناعية



JUKI, Japan • Al Borj Machinery LLC, UAE

JUKI and Al Borj

جوكي والبرج للمكائن

JUKI was founded in Tokyo in 1938 and is the most widely used industrial sewing machine brand in garment factories around the world. Its machines are built for long working days, with direct-drive motors, digital control and low-lubrication mechanisms across the range.

Al Borj has been the regional JUKI agent since 1987, and our technicians have installed and serviced JUKI lines across the Middle East and Africa for close to forty years. This catalogue covers the JUKI machines we supply in 2026-27, from single-needle lockstitch to buttonhole and bartack machines.

تأسست جوكي في طوكيو عام 1938، وهي العلامة الأكثر استخداماً في مصانع الملابس حول العالم. صُممت ماكيناتها لساعات عمل طويلة، مع محركات مباشرة وتحكم رقمي وآليات قليلة التزييت.

البرج للمكائن هي الوكيل الإقليمي لجوكي منذ عام 1987، وقد قام فنيونا بتركيب خطوط جوكي وصيانتها في الشرق الأوسط وأفريقيا منذ قرابة أربعين عاماً. يغطي هذا الكتالوج ماكينات جوكي التي نوردها لعامي 2026 و2027.

1987

JUKI agent since

1938

JUKI founded in Tokyo

5,000+

Factories supplied in the Middle East and Africa

3

Offices: Sharjah, Accra, Nairobi



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27 models in 7 categories, with maximum sewing speed

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Lockstitch • JUKI

DDL-9000C Series

Direct-drive, digital single-needle lockstitch machine with automatic thread trimmer

ماكينة درزة مستقيمة رقمية
بإبرة واحدة



The DDL-9000C Series is JUKI's digital 1-needle lockstitch sewing system with a direct-drive servomotor and automatic thread trimmer. Feed locus, feed dog height and stitch length, and on the premium model also needle thread tension and presser foot pressure, are set on the operation panel and stored, so settings can be repeated exactly. JUKI now lists it as two series: DDL-9000CF (Premium Digital) and DDL-9000CS (Digital).

Applications	Medium-weight materials (FDS, FMS, SMS) and heavy-weight materials (FSH, SSH); general garment sewing and topstitching
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Key featuresالمزايا

- Digital feed in two directions**
Motors drive the feed dog up-down and forward-back, so feed dog height and feed locus are set on the panel.
- Four selectable feed loci**
Standard, Front Up, Rear Up and Box Feed loci reduce uneven feed, needle bending and problems at multi-layered sections.
- Active tension and pressure**
On the DDL-9000CF, needle thread tension and presser foot pressure are electronically controlled, stored, and changed automatically at multi-layered sections.
- Short thread after trimming**
The feed dog drops while the double-edge rotary knives cut, leaving 3 mm or less of thread regardless of stitch length.
- Dry-head options**
Fully-dry, semi-dry and minute-quantity lubrication heads keep oil away from the material being sewn.
- Panel, NFC and USB data**
Settings are made on the panel and transferred to an Android tablet by NFC (JUKI Smart APP) or by USB drive.

Specificationsالمواصفات

Max. sewing speed	5,000 sti/min (FMS, SMS); 4,500 sti/min (FSH, SSH); 4,000 sti/min (FDS); 4,000 sti/min for stitch lengths over 4 mm
Max. stitch length	5 mm
Needle bar stroke	30.7 mm (medium-weight); 35.0 mm (heavy-weight)
Feed dog height	0.8 mm (medium-weight); 1.2 mm (heavy-weight)
Lift of the presser foot	By hand 5.5 mm, by knee 15 mm; auto-lifter in 2 stages, up to 13.5 mm
Needle	DB x 1 / DP x 5 #11 (#9 to #18); heavy-weight: #21 (#20 to #23)
Thread trimming method	Double-edge rotary system
Needle tension / foot pressure	Active tension and electronic control (DDL-9000CF); spring type (DDL-9000CS)
Machine head drive	Compact AC servomotor (400 W), directly connected to the main shaft
Power consumption	520 VA
Size of bed	517 x 178 mm (needle to machine arm 303 mm)

Models in the seriesالطرازات

DDL - 9000C - FMS	DDL-9000CF Premium Digital, semi-dry head, medium-weight, 5,000 sti/min
DDL - 9000C - FDS	DDL-9000CF Premium Digital, fully-dry head, medium-weight, 4,000 sti/min, code NB only
DDL - 9000C - FSH	DDL-9000CF Premium Digital, minute-quantity lubrication, heavy-weight, 4,500 sti/min
DDL - 9000C - SMS	DDL-9000CS Digital, semi-dry head, medium-weight, 5,000 sti/min, spring tension
DDL - 9000C - SSH	DDL-9000CS Digital, minute-quantity lubrication, heavy-weight, 4,500 sti/min

Lockstitch • JUKI

DDL-8000A Series

Direct-drive, high-speed single-needle lockstitch machine with automatic thread trimmer

ماكينة درزة مستقيمة بإبرة واحدة بمحرك مباشر



The DDL-8000A Series is JUKI's value 1-needle lockstitch machine with direct drive and automatic thread trimmer. It keeps JUKI seam quality with a simplified set of functions, and the control box and an operation panel with voice guidance are built into the machine head. Al Borj supplies the DDL-8000AP, a version of this series in MS and SH types.

Applications	Medium-weight materials (MS), heavy-weight materials (SH), jeans and heavy-weight materials (SJ)
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Key features

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- Built-in control box and panel**
The slim control box and operation panel are integrated with the machine head, with USB ports on both.
- Voice guidance**
Spoken messages warn of low oil, a full oil tank and bobbin thread running out, and announce operating and achievement rates.
- 3.5 mm thread remaining**
Double-blade rotary knives cut just under the needle entry, leaving 3.5 mm or less of thread on the material.
- Semi-dry or minute lubrication**
M types have a semi-dry head with no oil in the frame; S types use minute-quantity lubrication to avoid oil stains.
- Shorter-thread remaining type**
The DDL-8000AB adds a thread clamp at sewing start and shorter-thread trimming, so manual thread nipping is not needed.
- Production support display**
Target count, output, achievement rate and operating rate show on the LCD panel; the LED light has five brightness levels.

Specifications

المواصفات

Max. sewing speed	5,000 sti/min (MS); 4,500 sti/min (SH, SJ)
Max. stitch length	5 mm (SJ: 7 mm with optional long pitch kit, reverse 5 mm)
Lift of the presser foot	By hand 5.5 mm; auto 1st stage 8.5 mm, 2nd stage 13 mm; by knee 15 mm
Needle	DB x 1 #11 (#9 to #18) for MS; DB x 1 #21 (#20 to #23) for SH; DP x 5 #21 (#20 to #23) for SJ
Lubrication	Semi-dry head (MS); minute-quantity lubrication (SH, SJ)
Lubricating oil	JUKI Machine Oil 7 (equivalent to ISO VG7)
Thread trimmer	Double-blade rotary knife; 3.5 mm or less of thread left (3.0 mm with optional kit on AB types)
Voice guidance	Provided, with clock function
Power consumption	330 VA (main motor output 550 W)
Power supply	Single-phase 200 to 240 V (code K); 3-phase 200 to 240 V (code E); codes A and N also listed

Models in the series

الطرازات

DDL-8000AS-MS / AB-MS	Standard / shorter-thread remaining type; semi-dry head, medium-weight, 5,000 sti/min
DDL-8000AS-SH / AB-SH	Minute-quantity lubrication, heavy-weight, 4,500 sti/min
DDL-8000AS-SJ / AB-SJ	Jeans and heavy-weight, DP x 5 needle, 4,500 sti/min, optional 7 mm long pitch kit
DDL-8000AP-MS	Version supplied by Al Borj (2019 catalogue): semi-dry, medium-weight, 5,000 sti/min, 320 VA
DDL-8000AP-SH	Version supplied by Al Borj: minute-quantity lubrication, heavy-weight, 4,500 sti/min

Lockstitch • JUKI

DDL-7000A Series

Direct-drive single-needle lockstitch machine with automatic thread trimmer

ماكينة درزة مستقيمة بإبرة واحدة وقص خيط آلي



The DDL-7000A Series is a 1-needle lockstitch machine with a direct-drive servomotor and an automatic thread trimmer. The control box and operation panel are built into the machine head. A 35 mm needle bar stroke lets it sew from light-weight fabrics to medium-weight denim, and the AH type is for heavy-weight materials.

Applications

Shirts, blouses, trousers, uniforms, light to medium-weight fabrics and denim; heavy-weight materials with the DDL-7000AH-7

Key features

المزايا

- **Direct-drive servomotor**
An energy-saving servomotor drives the machine directly, giving quick start-up, good response and strong needle penetration.
- **Automatic thread trimmer**
Thread is trimmed automatically at the end of each seam.
- **Built-in control box and panel**
The compact control box and operation panel are integrated with the head, with the power switch and USB port on the control box.
- **35 mm needle bar stroke**
The longer stroke and a thread take-up lever with a wider range let the machine sew light materials up to medium-weight denim.
- **LED light, five levels**
LED lights on both sides of the needle bar light the needle entry from above, with brightness adjustable in five steps.
- **Touch-back switch**
The height-adjustable touch-back switch works with main shaft angle control to prevent needle breakage during reverse stitching.

Specifications

المواصفات

Model	DDL-7000AS-7 (light to medium) / DDL-7000AH-7 (heavy)
Max. sewing speed	5,000 sti/min (AH: 4,000 sti/min)
Max. stitch length	5 mm
Needle bar stroke	35 mm
Presser foot lift	By hand: 5.5 mm, by knee: 13 mm
Needle	DB x 1 (#14) #14 to #18 (AH: DP x 5 (#21) #20 to #23)
Thread trimmer	Automatic, standard
Motor	Direct-drive servomotor, control box built into the head
Power consumption	210 VA
Lubricating oil	JUKI Machine Oil 7 (equivalent to ISO VG7)
Lighting	LED, 5-step brightness
Weight of machine head	34 kg (including motor, control box and cover)
Package dimensions	833 x 278 x 459 mm

Models in the series

الطرازات

DDL-7000AS-7	Standard, light to medium-weight, 5,000 sti/min, DB x 1 needle
DDL-7000AH-7	Heavy-weight, 4,000 sti/min, DP x 5 needle
Code 0B / NB	Without / with nipper; one-touch reverse feed provided on both
Power code K / D / N	Single-phase 220 V / 3-phase 220 V / single-phase 220 V (CE)

Lockstitch • JUKI

DDL-900C Series

Direct-drive, high-speed single-needle lockstitch machine with automatic thread trimmer and electric feed (EFLCS)

ماكينة درزة مستقيمة بإبرة واحدة بتغذية إلكترونية



The DDL-900C Series is JUKI's first high-speed lockstitch machine with an Electric Feed Length Control System (EFLCS). A stepping motor drives the feed, so stitch length is set on the colour LCD touch panel instead of a pitch dial. The direct-drive motor, control box and panel are built into the machine head, and an Oil Shielding System keeps oil away from the material.

Applications Medium-weight materials (DDL-900CS-M) and heavy-weight materials (DDL-900CS-H)

Key features

المزايا

- **Electric feed (EFLCS)**
A stepping motor drives the feed, so stitch length is set on the colour touch panel instead of a pitch dial.
- **Stitch designs and condensed stitches**
Digital feed pitch allows varied stitch designs and condensed stitching, with a lock against accidental changes of settings.
- **Oil Shielding System**
Less needle bar oil, frame oil recovery and automatic oil circulation prevent oil stains at up to 5,000 sti/min.
- **3.5 mm thread remaining**
The double-blade rotary trimmer cuts just under the needle, leaving 3.5 mm or less; the nipper pulls the start thread underneath.
- **Auto-lifter and knee lifter**
One stepping motor drives the thread trimmer and auto-lifter with low noise; a knee lifter is also standard.
- **Direct drive saves power**
The direct-drive motor uses about 25% less power than a V-belt machine; the control box and USB port are built in.

Specifications

المواصفات

Max. sewing speed	5,000 sti/min (M); 4,000 sti/min (H)
Max. stitch length	5 mm
Feed	Electric Feed Length Control System (stepping motor), set on colour LCD touch panel
Needle bar stroke	30.7 mm (M); 36 mm (H)
Lift of the presser foot	Automatic 9 mm; by lever 13 mm
Needle	DB x 1 #14 (M); DP x 5 #21 (H)
Lubrication	Oil Shielding System
Lubricating oil	JUKI CORPORATION GENUINE OIL 7 (equivalent to ISO VG7)
Thread trimmer	Double-blade rotary; about 3.5 mm of thread left on the material
Power requirement	Single-phase 220 to 240 V
Weight of machine head	42.0 kg (including motor, control box and panel)

Models in the series

الطرازات

DDL-900CS-M (DDL-900CSMNBK)	Medium-weight materials, 5,000 sti/min, 30.7 mm stroke, DB x 1 #14
DDL-900CS-H (DDL-900CSHNBK)	Heavy-weight materials, 4,000 sti/min, 36 mm stroke, DP x 5 #21
Code NB, K	Wiper, nipper and automatic reverse feed device provided; single-phase 220 to 240 V
Option 40309300	Short tail trimming set: thread under the fabric from about 3.5 mm to about 3.0 mm
Options 22890206 / 22890404	Non-lubricated hook (max. 4,000 sti/min); 22890404 has a needle guard

Lockstitch • JUKI

DDL-8700 / DDL-8700-7

High-speed single-needle lockstitch machine (DDL-8700-7 with automatic thread trimmer)

ماكينة درزة مستقيمة عالية
السرعة بإبرة واحدة



The DDL-8700 is JUKI's standard high-speed 1-needle lockstitch machine for light, medium and heavy-weight materials. The DDL-8700-7 is the same head with an automatic thread trimmer and automatic reverse feed, run by the SC-920C control box and the compact M92 servomotor. Both have a rigid, low-vibration head and a 13 mm presser foot lift by knee.

Applications

General garment sewing: light-weight (A types), medium-weight (standard) and heavy-weight materials (H types)

Key features

المزايا

- **Up to 5,500 sti/min**
The DDL-8700 sews at up to 5,500 sti/min and the DDL-8700-7 at up to 5,000 sti/min.
- **Rigid, low-vibration head**
The balanced head, designed with 3D-CAD, runs with low vibration and noise and leaves wide space from needle to arm.
- **Low-tension sewing mechanism**
The sewing mechanisms were modified for low-tension sewing, giving consistent seams on many kinds of material.
- **Easy to operate**
13 mm knee lift, a light-touch stitch dial and a throat plate with seam-allowance marker grooves.
- **Easy maintenance**
The feed dog is adjusted with an eccentric pin, and mounting seats for attachments protect the bed surface.
- **Energy-saving control box (-7)**
The SC-920C has an energy-saving mode that cuts standby power by about 25% compared with the SC-910N.

Specifications

المواصفات

Max. sewing speed	DDL-8700: 5,500 sti/min; DDL-8700-7: 5,000 sti/min; A and H types: 4,000 sti/min
Max. stitch length	5 mm (DDL-8700 and H types); 4 mm (DDL-8700-7 and A types)
Needle bar stroke	30.7 mm (H types: 35 mm)
Lift of the presser foot	By hand 5.5 mm, by knee 13 mm (A types: 4 mm / 9 mm)
Needle	DB x 1 #14 (#9 to #18); A types DA x 1 #9 (#9 to #11); H types DB x 1 #21 (#19 to #23)
Feed dog	4-row (DDL-8700H: 3-row)
Hook	Automatic-lubricating full-rotary hook
Lubrication	Automatic
Lubricating oil	JUKI Machine Oil 7 / JUKI New Defrix Oil No.1 (equivalent to ISO VG7)
Control box and motor (-7)	SC-920C with compact servomotor M92 (450 W); single-phase 100 to 240 V or 3-phase 200 to 240 V

Models in the series

الطرازات

DDL-8700	Medium-weight, 5,500 sti/min, without thread trimmer
DDL-8700A / DDL-8700H	Light-weight / heavy-weight, 4,000 sti/min, without thread trimmer
DDL-8700-7	Medium-weight, 5,000 sti/min, automatic thread trimmer and automatic reverse feed
DDL-8700A-7	Light-weight, 4,000 sti/min, DA x 1 needle, with thread trimmer

Lockstitch • JUKI

DDL-8100e

Single-needle lockstitch machine

ماكينة درزة مستقيمة بإبرة
واحدة



The DDL-8100e is a 1-needle lockstitch machine for straight seams on light to medium-weight fabrics, with an H version for heavy-weight fabrics. JUKI designed the sewing mechanism for low-tension sewing, so it sews many kinds of material with consistent seams. It has an automatic-lubricating full-rotary hook and a 13 mm presser foot lift by knee.

Applications Shirts, blouses, trousers, light to medium-weight fabrics; heavy-weight fabrics with the DDL-8100eH

Key features

المزايا

- **Low-tension sewing mechanism**
The sewing mechanism is set up for low thread tension, so the machine adapts to different materials and gives consistent seams.
- **Reduced vibration and noise**
The machine frame is balanced and made stronger and more rigid, which lowers vibration and noise.
- **13 mm knee lift**
The presser foot lifts 13 mm by knee and 5.5 mm by hand for easy material handling.
- **Light-touch stitch dial**
Stitch length is set with a light-touch dial, up to 5 mm.
- **Automatic hook lubrication**
The full-rotary hook is lubricated automatically with JUKI Machine Oil No. 7.
- **Attachment mounting seats**
Extra mounting seats are provided as standard for fitting attachments later.

Specifications

المواصفات

Application	Light to medium-weight (DDL-8100e); heavy-weight (DDL-8100eH)
Max. sewing speed	4,500 sti/min (DDL-8100eH: 4,000 sti/min)
Max. stitch length	5 mm
Needle bar stroke	30.7 mm (DDL-8100eH: 35 mm)
Presser foot lift	By hand: 5.5 mm, by knee: 13 mm
Needle	DB x 1 (#14) #9 to #18 (DDL-8100eH: DB x 1 (#21) #20 to #23)
Feed dog	3-row
Hook	Automatic-lubricating full-rotary hook
Lubrication	Automatic
Lubricating oil	JUKI Machine Oil No. 7 (equivalent to ISO VG7)
Weight of machine head	26 kg

Models in the series

الطرازات

DDL-8100e	Light to medium-weight, 3-row feed dog, 4,500 sti/min
DDL-8100eH	Heavy-weight, 3-row feed dog, 35 mm needle bar stroke, 4,000 sti/min

Lockstitch • JUKI

DDL-5550N / DDL-5550N-7

High-speed single-needle lockstitch machine (DDL-5550N-7 with automatic thread trimmer)

ماكينة درزة مستقيمة بإبرة واحدة



The DDL-5550N is a 1-needle lockstitch machine for light, medium and heavy-weight materials. Its thread take-up, feed mechanism, thread paths and hook were improved to keep stitch quality consistent when the material changes. The DDL-5550N-7 adds an automatic thread trimmer and automatic reverse feed, with the SC-920C control box and M92 compact servomotor.

Applications Light-weight (NA), medium-weight (N) and heavy-weight (NH) materials

Key features

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- **Responsive sewing mechanism**
Improved thread take-up, feed mechanism, thread paths and hook keep stitch quality consistent when the material changes.
- **Reliable thread trimming**
On the -7 models the thread trimming mechanism cuts quickly and surely for efficient sewing.
- **13 mm presser foot lift**
The high knee lift makes it easier to set and remove materials and to sew overlapping sections.
- **Larger sewing space**
The arm shape gives more room for handling the cloth while sewing.
- **Durable feed and lubrication**
The machine frame, feed and lubricating mechanisms were improved for longer service life.
- **Energy-saving SC-920C box**
On the -7 models standby power is about 25% lower than with the SC-910N; CP-18A or CP-180A panel.

Specifications

المواصفات

Max. sewing speed	DDL-5550N: 5,500 sti/min; DDL-5550N-7: 5,000 sti/min; NA and NH types: 4,000 sti/min
Max. stitch length	5 mm (DDL-5550N and NH types); 4 mm (DDL-5550N-7 and NA types)
Needle bar stroke	30.7 mm (NA: 29 mm; NH: 35 mm)
Lift of the presser foot	By hand 5.5 mm, by knee 13 mm (NA: 4 mm / 9 mm)
Needle	DB x 1 #14; NA: DA x 1 #9; NH: DB x 1 #21
Hook	Automatic-lubricating full-rotary hook
Lubrication	Automatic
Lubricating oil	JUKI New Defrix Oil No.1 (equivalent to ISO VG7)
Automatic reverse feed (-7)	Provided as standard
Control box and motor (-7)	SC-920C with M92 compact servomotor
Power requirement (-7)	Single-phase 100 to 120 V or 200 to 240 V; 3-phase 200 to 240 V

Models in the series

الطرازات

DDL-5550N	Medium-weight, 5,500 sti/min, without thread trimmer
DDL-5550NA / DDL-5550NH	Light-weight / heavy-weight, 4,000 sti/min, without thread trimmer
DDL-5550N-7	Medium-weight, 5,000 sti/min, automatic thread trimmer and reverse feed
DDL-5550NA-7 / DDL-5550NH-7	Light-weight / heavy-weight with thread trimmer, 4,000 sti/min

Heavy-duty and walking foot • JUKI

LU-1508NH

Single-needle unison-feed (walking foot) lockstitch machine with vertical-axis large hook, for extra heavy materials

ماكينة خياطة ثقيلة بقدام
متحركة وإبرة واحدة



The LU-1508NH is the extra heavy-weight version of JUKI's LU-1508N 1-needle unison-feed lockstitch machine. The needle, walking foot and feed dog feed together with a complete rectangular feed motion, so thick and multi-layer materials feed without stitch gathering. It has a 38 mm needle bar stroke, takes 190R needles and sews stitches up to 10 mm.

Applications Extra heavy materials: cargo handling belts and containers, car seats, sofas, bags, leather and canvas goods

Key features

المزايا

- **Complete rectangular feed**
The feed dog moves in a complete rectangular path, giving accurate feed of extra heavy materials without stitch gathering.
- **Long needle bar stroke**
A 38 mm needle bar stroke and the long 190R needle support sewing of extra heavy materials.
- **Constant alternating movement**
The walking foot and presser foot keep the same lift ratio when material thickness changes, adjustable up to 6.5 mm.
- **Dual-tension mechanism**
Two needle thread tension units allow high-tension sewing with thick thread.
- **Large double-capacity hook**
The vertical-axis double-capacity hook holds more bobbin thread, so bobbins are changed less often.
- **175 mm steel handwheel**
An extra large steel handwheel of 175 mm diameter is fitted.

Specifications

المواصفات

Application	Extra heavy-weight materials
Max. sewing speed	2,000 sti/min
Max. stitch length	10 mm (forward/backward)
Needle bar stroke	38 mm
Presser foot lift	By hand: 9 mm, by knee: 16 mm (max.)
Alternating vertical movement	2.5 to 6.5 mm
Feed	Unison feed, complete rectangular feed locus
Hook	Vertical-axis double-capacity hook
Needle	Standard 190R or 135 x 17 (Nm160), Nm125 to Nm200
Thread	#20 to #1, B69 to B207, Nm=40/3 to 8/3
Needle thread tension	Dual-tension method
Lubrication	Centralized oil wick lubrication (hook: automatic), JUKI New Defrix Oil No. 2 (ISO VG32)
Needle to arm / bed size	255 mm / 517 x 178 mm
Weight of machine head	44.5 kg

Models in the series

الطرازات

LU-1508NS	Heavy-weight, 2,500 sti/min, 9 mm stitch, 36 mm stroke, 135 x 17 needle
LU-1508NH	Extra heavy-weight, 2,000 sti/min, 10 mm stitch, 38 mm stroke, 190R needle
LU-1509NS / LU-1509NH	Same as LU-1508NS / NH with gauge parts for LU-2200 (European gauge)
LU-1510N	Heavy-weight with automatic lubrication and bottom-feed adjusting mechanism

Heavy-duty and walking foot • JUKI

LU-1560N

Two-needle unison-feed (walking foot) lockstitch machine with vertical-axis large hooks

ماكينة خياطة ثقيلة بقدّم متحركة وإبرتين



The LU-1560N is JUKI's standard 2-needle unison-feed lockstitch machine for heavy materials. It sews two parallel lockstitch seams in one pass, with needles, walking foot and feed dog feeding together in a rectangular motion to avoid stitch gathering. It has automatic lubrication with a sub oil pan and double filter.

Applications

Heavy materials: car seats, sofas, bags, cargo handling belts and containers, upholstery and canvas goods

Key features

المزايا

- **Rectangular feed motion**
The feed mechanism moves in a rectangular path, so materials of any thickness feed without stitch gathering.
- **Constant alternating movement**
The walking foot and presser foot keep the same lift ratio when thickness changes, adjustable up to 6.5 mm.
- **16 mm presser foot lift**
The presser foot lifts 16 mm by knee and 9 mm by hand for easy handling of thick work.
- **Large double-capacity hooks**
Vertical-axis double-capacity hooks hold more bobbin thread, so bobbins are changed less often.
- **Automatic lubrication**
Automatic lubrication with a sub oil pan and double filter keeps dust out of the oil.
- **Safety clutch**
A safety clutch protects the hooks and is reset with one push of a button.

Specifications

المواصفات

Application	Heavy-weight materials
Max. sewing speed	2,500 sti/min
Max. stitch length	9 mm (forward/backward)
Needle bar stroke	36 mm
Presser foot lift	By hand: 9 mm, by knee: 16 mm (max.)
Needle gauge	4.8, 6.4, 7.9, 9.5, 12.7 mm (3/16, 1/4, 5/16, 3/8, 1/2 in)
Alternating vertical movement	2.5 to 6.5 mm
Hook	Vertical-axis double-capacity hook
Needle	135 x 17 (Nm160), Nm125 to Nm180
Thread	#30 to #5, B46 to B138, Nm=60/3 to 20/3
Lubrication	Automatic, JUKI New Defrix Oil No. 2 (ISO VG32)
Needle to arm / bed size	255 mm / 517 x 178 mm
Weight of machine head	45 kg

Models in the series

الطرازات

LU-1560N	Standard 2-needle, inch gauges 4.8 to 12.7 mm, optional center-guide presser foot (gauges H, K, L)
LU-1561N	Same machine with metric gauges 6, 8, 10, 12 mm (gauge parts for LU-2200)
LU-1560N-7 / LU-1561N-7	Automatic thread trimmer and reverse feed, pneumatic auto-lifter AK-147B, 550 VA, 51 kg
LU-1565N	Organized split needle bar for corners, 2,000 sti/min, 33.4 mm stroke, 13 mm knee lift, gauges 4.8 / 6.4 / 7.9 mm

Heavy-duty and walking foot • JUKI

LU-2800 Series

Semi-dry, unison-feed lockstitch machine with vertical-axis large hook

ماكينة درزة مستقيمة بتغذية
موحدة ومكوك رأسي كبير



The LU-2800 Series is JUKI's semi-dry, unison-feed (walking foot) lockstitch machine with a vertical-axis large hook and a high, semi-long arm. It is built for car seats, sofas, bags and leather, with 9 mm stitch length (12 mm on long-pitch models), 20 mm presser lift and 347 mm between needle and arm. 1-needle models sew at up to 3,000 sti/min and 2-needle models at 2,700 sti/min.

Applications Car seats, sofas and upholstery, bags, leather, artificial leather and heavy-weight fabrics; long-pitch decorative topstitching on furniture (AL models)

Key features

المزايا

- **High, semi-long arm**
347 mm from needle to arm and 127 mm arm height (previously 265 mm and 100 mm) give room for large work.
- **20 mm presser lift**
The automatic presser bar lifter raises the presser bar 20 mm, for joining leather and thick sponge on sofas.
- **Constant walking-foot ratio**
Alternating walking-foot and presser-foot movement, up to 9 mm, is set on a large dial; the ratio stays constant when material changes.
- **High-torque direct drive**
Trimmer models use a high-torque direct-drive motor for strong needle penetration, with lower power use and noise.
- **2.0 or 2.7-fold hook**
Vertical-axis 2.0-fold hook, or 2.7-fold on LU-2818, LU-2828 and LU-2868 to reduce bobbin changes; needle guard adjusts by screw.
- **Tank lubrication, semi-dry head**
Oil from the hook area is filtered back to a tank with a front level window; no tilting the head to oil.

Specifications

المواصفات

Max. sewing speed	3,000 sti/min (2-needle LU-2860: 2,700 sti/min)
Max. stitch length	9 mm (long-pitch AL models: 12 mm); 2-pitch dial on trimmer models
Lift of the presser foot	Auto 20 mm, by hand 10 mm
Alternating vertical movement	1 to 9 mm, set by large dial
Hook	Vertical-axis 2-fold capacity hook (2.7-fold on LU-2818, LU-2828, LU-2868)
Needle	135 x 17 Nm160 (Nm125 to Nm180)
Thread	#30 to #5, B46 to B138, Nm 60/3 to 20/3
Needle thread tension	Single / double tension, switched by the 6-string hand switch (LU-2810: double tension)
Lubrication	Semi-dry head, automatic (tank system)
Power requirement / consumption	Single-phase 100 to 120 V / 200 to 240 V, 3-phase 200 to 240 V / 180 VA (with automatic thread trimmer)
Weight of machine head	LU-2810-7: 61 kg (LU-2810: 56 kg, LU-2860-7: 66 kg)

Models in the series

الطرازات

LU-2810 / LU-2810-7	1-needle, 2.0-fold hook, 3,000 sti/min; -7 = automatic thread trimmer, direct drive, auto-lifter and 2-pitch dial
LU-2860 / LU-2860-7	2-needle, 2.0-fold hook, 2,700 sti/min; needle gauge 3.2 to 12.7 mm (S) or 4 to 12 mm (A)
LU-2818AL-7	1-needle, 2.7-fold hook, long-pitch type, max. stitch 12 mm, 3,000 sti/min
LU-2868AL-7	2-needle, 2.7-fold hook, long-pitch type, max. stitch 12 mm, 2,700 sti/min, 68 kg

Heavy-duty and walking foot • JUKI

DU-1181N

Single-needle top and bottom feed lockstitch machine with double-capacity hook

ماكينة درزة مستقيمة بتغذية علوية وسفلية



The DU-1181N is a 1-needle lockstitch machine with top and bottom feed (walking foot and feed dog). It feeds difficult-to-feed materials and multi-layer sections without pitch errors. It has a horizontal-axis double-capacity hook, a 15 mm knee lift for piping and tape attaching, and pump-type automatic lubrication.

Applications Difficult-to-feed and multi-layer materials, upholstery, bags, leather goods, piping and tape attaching

Key features

المزايا

- **Top and bottom feed**
The walking foot and feed dog feed together, so difficult and multi-layer materials feed without pitch errors.
- **15 mm knee lift**
The presser foot lifts 15 mm by knee lifter for processes such as piping and tape attaching.
- **9 mm stitch length**
Maximum stitch length is 9 mm forward and backward, set by dial.
- **Double-capacity hook**
The horizontal-axis full-rotary double-capacity hook reduces bobbin changes.
- **Pump-type automatic lubrication**
A pump unit lubricates automatically, with adjustable oil amount at the face plate and hook; the top feed uses a grease tank and oil wick.
- **Adjustable walking foot lift**
Alternating vertical movement of walking foot and presser foot is adjustable from 2 to 5 mm.

Specifications

المواصفات

Max. sewing speed	2,000 sti/min
Max. stitch length	9 mm (forward/backward)
Needle bar stroke	36.5 mm
Presser foot lift	By hand: 5.5 mm, by knee: 15 mm
Thread take-up	Link type
Alternating vertical movement	2 to 5 mm
Hook	Horizontal-axis full-rotary double-capacity hook
Needle	DP x 17 (#21) #14 to #23 (DB x 1 can also be used)
Thread	#40 to #8
Lubrication	Automatic, JUKI Machine Oil No. 7 (equivalent to ISO VG7)
Needle to arm	261 mm
Bed size	477 x 178 mm
Weight of machine head	31 kg

Two-needle lockstitch • JUKI

LH-4500C Series

Semi-dry head, digital 2-needle lockstitch sewing system

ماكينة درزة مستقيمة رقمية
بإبرتين



The LH-4500C Series is JUKI's digital 2-needle lockstitch sewing system with a semi-dry head. Stitch pitch, needle thread tension and presser foot pressure are controlled electronically and set on the operation panel, and all models have a 1.8 times large hook. The LH-4588C adds semi-automatic corner stitching with the organized split needle bar.

Applications

Jeans and heavy-weight materials (LH-4578CFG-7, LH-4588CFG-7); foundation garments and tape attaching (LH-4578CFF)

Key features

المزايا

- **Right and left active tension**
Separately driven needle thread tensions correct automatically for sewing speed and for the bobbin thread remaining.
- **Digital feed and presser foot**
Motor-controlled feed sets stitch pitch on the panel, and active presser foot pressure is corrected for sewing speed.
- **Semi-automatic corner stitching**
On the LH-4588C the operator enters needle gauge and angle on the panel, then sews corners by using a lever.
- **Large hook, half the changes**
The 1.8-fold capacity hook halves how often bobbin thread must be changed, also on foundation tape attaching.
- **Multilayer section detection**
G types detect multilayer sections and apply separate corrections, keeping stitch pitch and seam tension stable.
- **IoT data and lower power**
NFC and USB data transfer with JUKI Smart APP; power consumption is 30.8% lower than the LH-3500A.

Specifications

المواصفات

Max. sewing speed	3,000 sti/min
Max. stitch length	7 mm (LH-4578CFF: 4 mm)
Feed system	Needle feed, motor-controlled
Needle bar stroke	33.4 mm
Lift of the presser foot (max.)	13 mm
Needle thread tension	Independent right and left active tension mechanism
Hook	Vertical-axis large hook (1.8-fold)
Needle	DP x 5 #21 (#16 to #23); LH-4578CFF: DP x 5 #10 (#9 to #16)
Thread used	#30 to #3 (CFG types); #80 to #30 (CFF)
Lubrication	Semi-dry; hook section: minute-quantity lubrication (tank system)
Lubricating oil	JUKI New Defrix Oil No.1 (equivalent to ISO VG7)
Space under the arm	120 mm high x 266 mm needle to arm x 87 mm jaw height

Models in the series

الطرازات

LH-4578CFG-7	Jeans and heavy-weight, automatic thread trimmer, multilayer detection, reverse feed lever
LH-4588CFG-7	As LH-4578CFG-7 plus organized split needle bar for semi-automatic corner stitching
LH-4578CFF	Foundation, no thread trimmer, max. stitch 4 mm, DP x 5 #10; tape attaching gauge available as part
Needle gauge code F	6.4 mm (1/4 in) fitted at delivery; other gauges available as parts
Code 0B / NB	Nipper not provided / provided; one-touch reverse feed on both

Two-needle lockstitch • JUKI

LH-3500A Series

Semi-dry head, 2-needle lockstitch machine (-7 models with direct drive and automatic thread trimmer)

ماكينة درزة مستقيمة بإبرتين
برأس شبه جاف



The LH-3500A Series is JUKI's 2-needle lockstitch range with a semi-dry head on every model, so the needle bar part is not oiled and oil stains are avoided. Models come with a standard or 1.8 times large hook, with or without the organized split needle bar for corner stitching. Models without trimmer are belt-driven by an external motor; the -7 models have direct drive and an automatic thread trimmer.

Applications

Light-weight materials and foundation (LH-3528A); medium-weight (S) and jeans and heavy-weight materials (G); corner stitching with split needle bar (LH-3568A, LH-3588A)

Key features

المزايا

■ Semi-dry head, all models

The needle bar part is not lubricated and the hook uses minute-quantity lubrication, preventing oil stains.

■ Organized split needle bar

LH-3568A and LH-3588A sew corners with split needle bars; JUKI is the only maker offering this with a semi-dry head.

■ 1.8 times large hook

LH-3578A and LH-3588A use a hook 1.8 times larger than standard, so bobbins are changed less often.

■ Tension to suit the seam

A and F types have independent right and left tensioners for pucker-free seams; S and G types give well-tensed seams.

■ Two oiling methods

The eco-oil method filters and returns hook oil to the tank; the clean oil method supplies only fresh oil.

■ Direct drive on -7 models

A compact direct-drive motor and SC-920A box cut power use by about 21%; the 550 W motor improves penetration.

Specifications

المواصفات

Max. sewing speed	3,000 sti/min
Max. stitch length	5 mm (LH-3528A-F: 4 mm)
Needle bar stroke	33.4 mm
Lift of the presser foot	7 mm by hand, 13 mm by knee
Hook	Vertical axis regular hook (LH-3528A, LH-3568A); 1.8 times large hook (LH-3578A, LH-3588A)
Feed system	Needle feed (LH-3528A: changeover between needle feed and bottom feed)
Needle	DP x 5 #14 (#9 to #16) for S types; DP x 5 #21 (#16 to #23) for G types
Lubrication	Semi-dry; hook: minute-quantity lubrication (tank system, 280 cm ³)
Oiling method	Eco-oil method (circulation type) or clean oil method
Lubricating oil	JUKI New Defrix Oil No.1 (equivalent to ISO VG7)
Space under the arm	120 mm high x 266 mm wide x 87 mm jaw height

Models in the series

الطرازات

LH-3568A-S (LH-3568ASF)	Organized split needle bar, regular hook, medium-weight, DP x 5 #14; gauge code F = 6.4 mm (1/4 in)
LH-3588A-G (LH-3588AGF)	Organized split needle bar, large hook, jeans and heavy-weight, DP x 5 #21; gauge F = 6.4 mm
LH-3528A-A / -F / -S / -G	No split needle bar, regular hook; light-weight / foundation / medium / jeans and heavy-weight
LH-3578A-G	No split needle bar, large hook, jeans and heavy-weight
-7 models, e.g. LH-3568A-SF-7-WB	Direct drive with automatic thread trimmer, SC-920A control box, CP-18A or CP-180A panel

Overlock and safety stitch • JUKI

MO-6900S Series

Super high-speed overlock / safety stitch machine

ماكينة أوفرلوك ودرزة أمان فائقة السرعة



The MO-6900S Series is JUKI's super high-speed overlock and safety stitch machine, sewing at up to 8,500 sti/min (1-needle) and 8,000 sti/min (2-needle overlock and safety stitch).

Needle thread and looper thread take-up mechanisms give soft, well-tensed seams on light to heavy-weight materials. A shielded needle bar with upper and lower bushings, a cartridge oil filter and a cooling fan are fitted for durability.

Applications

Men's shirts, knitwear and sweaters, general fabrics, denim and swimwear; extra light to heavy-weight materials

Key features

المزايا

- **Up to 8,500 sti/min**
1-needle overlock models reach 8,500 sti/min; 2-needle overlock and safety stitch models reach 8,000 sti/min.
- **Needle and looper take-up**
Needle thread and looper thread take-up mechanisms give soft, well-tensed seams with lower thread tension.
- **Needle cooler as standard**
A needle cooler and a needle thread heat remover are standard, preventing stitch problems at high speed.
- **Shielded needle bar**
Upper and lower needle bar bushings, a cartridge oil filter and a cooling fan increase durability and reliability.

Models in the series

الطرازات

MO-6904S	1-needle 3-thread overlock (504), overedging 1.6 / 3.2 / 4.0 / 4.8 mm, 8,500 sti/min
MO-6914S	2-needle 4-thread overlock (514); listed subclasses use 2.0 mm gauge, 3.2 or 4.0 mm overedging; 8,000 sti/min
MO-6916S	2-needle 5-thread safety stitch (516), overedging 3.2 to 6.4 mm, 8,000 sti/min
MO-6905S / MO-6945S	Blind hemming (L121) / 2-needle double chainstitch for pocket bags (N077)

Specifications

المواصفات

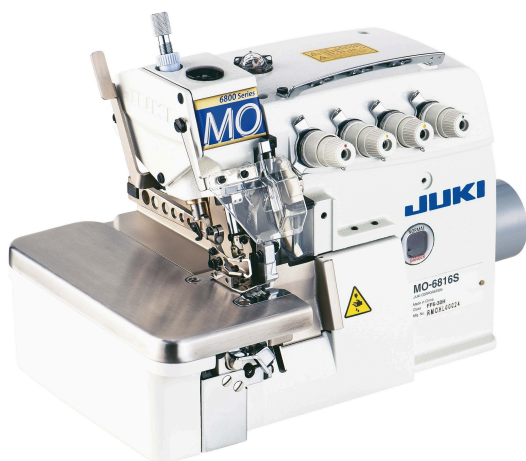
Stitch types	1-needle overlock (504), 2-needle overlock (514), safety stitching (516)
Max. sewing speed	8,500 sti/min (MO-6904S); 8,000 sti/min (MO-6914S, MO-6916S); 7,000 to 7,500 sti/min on some subclasses
Stitch length	0.8 to 4 mm (MO-6916S: 1.5 to 4 mm)
Needle gauge	MO-6914S: 2.0, 2.4, 3.2 mm; MO-6916S: 2.0, 3.2, 4.0, 4.8, 4.8+2.0 mm
Overedging width	MO-6904S: 1.6 to 4.8 mm; MO-6914S: 3.2 to 4.8 mm; MO-6916S: 3.2 to 6.4 mm
Differential feed ratio	Gathering 1:2 (max. 1:4), stretching 1:0.7 (max. 1:0.6)
Needle bar stroke	24.5 mm
Needle	DC x 27, inclined 20 degrees (excluding some subclass models)
Max. lift of the presser foot	7 mm (excluding some subclass models)

Overlock and safety stitch · JUKI

MO-6800S Series

High-speed overlock / safety stitch machine

ماكينات أوفرلوك وخياطة أمان



The MO-6800S Series is JUKI's overlock and safety stitch range, with 1-needle and 2-needle overlock, 2-needle safety stitch and 3-needle safety stitch models. It sews light to heavy-weight knit and woven materials at up to 7,000 sti/min. A needle thread take-up and a looper thread take-up lever give soft, well-tensioned seams that follow the stretch of the material.

Applications

T-shirts, polo shirts, knit shirts, sportswear, underwear, shirts, blouses, trousers, skirts, jeans; light to heavy-weight knit and woven fabrics

Key features

المزايا

- **7,000 sti/min seam quality**
Needle thread take-up and looper thread take-up lever keep seams soft and well-tensioned even at 7,000 sti/min.
- **Front-face adjustments**
Differential-feed micro-adjustment, differential feed ratio and main feed dog height are all set from the front with a screwdriver.
- **Differential feed**
Differential feed ratio is 1:2 for gathering (max. 1:4) and 1:0.7 for stretching (max. 1:0.6).
- **Needle cooler as standard**
A needle cooler and a needle thread heat remover are fitted as standard.
- **Automatic lubrication**
The machine is lubricated automatically with JUKI Machine Oil 18.

Models in the series

الطرازات

MO-6804S	1-needle 3-thread overlock (504), overedging 4.0 mm; 0A4-150 for rolled hemming (1.5 mm)
MO-6814S	2-needle 4-thread overlock (514), needle gauge 2.0 mm, overedging 2.0 / 3.0 / 4.0 mm
MO-6816S	2-needle 5-thread safety stitch (516), needle gauge 3.0 or 5.0 mm, overedging 4.0 / 5.0 / 6.0 mm
MO-6843S	3-needle 6-thread safety stitch, needle gauge 5.0+2.0 or 3.0+2.0 mm, overedging 3.0 mm

Specifications

المواصفات

Stitch types	1-needle overlock (504), 2-needle overlock (514), 2-needle safety stitch (516), 3-needle safety stitch
Max. sewing speed	7,000 sti/min (6,000 to 6,500 sti/min on some heavy-weight subclasses)
Stitch length	0.6 to 3.8 (4.5) mm
Overedging width	1.5 to 6.0 mm depending on model and subclass
Differential feed ratio	Gathering 1:2 (max. 1:4), stretching 1:0.7 (max. 1:0.6)
Needle bar stroke	24.5 mm (60H subclass: 27.0 mm)
Needle	DC x 27 (excluding some subclass models)
Needle inclination	20 degrees
Max. presser foot lift	7 mm (excluding some subclass models)
Max. presser foot pressure	63.7 N (6.5 kgf)
Differential feed adjustment	By lever (with micro-adjustment)

Overlock and safety stitch • JUKI

MO-6700DA Series

Semi-dry head, high-speed overlock / safety stitch machine

ماكينة أوفرلوك ودرزة أمان
برأس شبه جاف



The MO-6700DA Series brings JUKI's dry-head technology to the MO-6700S overlock range. The needle bar and upper looper mechanisms need no lubrication, which stops oil splashing onto the product while the machine runs at up to 7,000 sti/min. The series covers 1-needle and 2-needle overlock and safety stitch models; Al Borj supplies the MO-6704DA.

Applications

Men's shirts, knitwear and sweaters, general fabrics and denim; extra light to heavy-weight materials where oil stains must be avoided

Key features

المزايا

- Lubrication-free needle bar**
The needle bar and upper looper mechanisms run without oil, so oil stains on sewn products are eliminated.
- Grease points for long life**
Special surface treatment and grease feeding through two filler openings stop oil splashing even after long use.
- 7,000 sti/min practical speed**
The semi-dry head reaches a practical maximum sewing speed of 7,000 sti/min.
- Differential feed with micro-adjustment**
Differential feed is set by lever with micro-adjustment: gathering 1:2 (max. 1:4), stretching 1:0.7 (max. 1:0.6).
- Push-button stitch, micro-lifter**
Stitch length is changed by push-button, and a micro-lifter is fitted as standard.
- Fits MO-6000 devices**
Existing devices, attachments and gauges for the MO-6000 Series can be used on the MO-6700DA Series.

Models in the series

الطرازات

MO-6704DA	1-needle 3-thread overlock (504); subclasses 0E4-300, 0E4-307, 0F4-307 (light to medium), 0E4-40H, 0F6-50H (medium to heavy)
MO-6704DA-0A4-150 / 0A5-150	Rolled hemming, overedging 1.6 mm, DC x 1 #8 needle
MO-6705DA-0D4-210/L121	1-needle overlock for blind hemming
MO-6714DA	2-needle 4-thread overlock (514), needle gauge 2.0 or 3.2 mm

Specifications

المواصفات

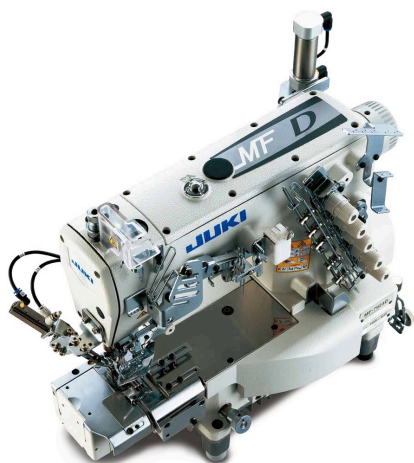
Stitch types	1-needle overlock (504), 2-needle overlock (514), safety stitching (516)
Max. sewing speed	7,000 sti/min
Stitch length	0.8 to 4 mm (MO-6716DA: 1.5 to 4 mm)
Overedging width	MO-6704DA: 1.6, 3.2, 4.0, 4.8 mm; MO-6714DA: 2.0 to 4.8 mm; MO-6716DA: 3.2 to 6.4 mm
Needle gauge	MO-6714DA: 2.0, 3.2 mm; MO-6716DA: 3.2, 4.8, 4.8+2.0, 3.2+2.0 mm
Bottom differential feed ratio	Gathering 1:2 (max. 1:4), stretching 1:0.7 (max. 1:0.6)
Needle bar stroke	24.5 mm
Needle	DC x 27, inclined 20 degrees (excluding some subclass models)
Max. lift of the presser foot	7 mm (excluding some subclass models)
Lubrication	Automatic; needle bar and upper looper need no lubrication; JUKI Machine Oil 18 (ISO VG18)
Needle cooler / thread heat remover	Option

Coverstitch and flatseamer • JUKI

MF-7900 Series

High-speed, cylinder-bed, top and bottom coverstitch machine

ماكينة غرزة تغطية علوية
وسفلية بقاعدة أسطوانية



The MF-7900 Series is JUKI's cylinder-bed coverstitch machine for 2-needle and 3-needle top and bottom covering stitch. It hems the sleeves and bottoms of T-shirts and polo shirts and covers seams on knitwear and sportswear at up to 6,500 sti/min, and special subclasses welt or attach elastic bands on swimwear and briefs. The MF-7900D has a semi-dry head that needs no oil in the frame.

Applications T-shirts, polo shirts, knitwear, sportswear, swimwear, briefs and boxer briefs: hemming, covering, elastic band welting and elastic band attaching

Key features

المزايا

- **Adjustable feed locus**
The feed locus can be adjusted from outside the machine, vertically and horizontally, to suit the material being sewn.
- **Differential-feed micro-adjustment**
Differential feed can be finely adjusted, and the differential ratio stays the same when the stitch length is changed.
- **Micro-lifter as standard**
Elastic or delicate materials can be sewn with the presser foot slightly raised, which reduces slippage, warping and damage.
- **Looper thread twining prevention**
A broken looper thread is trimmed before it winds on the looper thread cam, now mounted outside for easy maintenance.
- **Direct-drive thread trimmer models**
All trimmer models use a direct-drive motor; electromagnetic trimmers (UT51, UT52, UT53) need no compressed air, pneumatic types are also offered.
- **Semi-dry head option**
The MF-7900D frame needs no oil: grease and special surface treatment stop oil leaking from needle bar, presser bar and spreader shaft.

Specifications

المواصفات

Stitch type	2-needle and 3-needle top and bottom covering stitch
Max. sewing speed	6,500 sti/min (with thread trimmer 6,000 sti/min; MF-7900D 5,000 sti/min)
Stitch length	0.9 to 3.6 mm (adjustable to max. 4.5 mm)
Needle gauge	3.2, 4.0, 4.8, 5.6, 6.4 mm
Differential feed ratio	1:0.9 to 1:1.8 (1:0.6 to 1:1.1 by adjustment)
Lift of the presser foot	5 mm (top and bottom covering stitch), 8 mm (bottom covering stitch)
Needle bar stroke	31 mm as delivered, 33 mm for heavy-weight materials (E22, E23: 33 / 35 mm)
Needle	UY128GAS (#10S) #9S to #12S
Lubrication	Automatic, JUKI Machine Oil 18 (equivalent to ISO VG18); MF-7900D frame: no lubrication
Power requirement / consumption	Single-phase 100 to 120 V / 200 to 240 V, 3-phase 200 to 240 V / 500 VA (with automatic thread trimmer)

Models in the series

الطرازات

MF-7922-U11	2-needle, 4-thread, needle gauge 3.2, 4.0 or 4.8 mm, 6,500 sti/min
MF-7923-U11	3-needle, 5-thread, needle gauge 5.6 or 6.4 mm (B56 = B-type throat plate, 5.6 mm), 6,500 sti/min
/UT51, UT53, UT57, UT59	Automatic thread trimmer and auto-lifter, electromagnetic (UT51, UT53) or pneumatic (UT57, UT59), 6,000 sti/min
MF-7900D-U11	Semi-dry head, needle gauge 4.0, 5.6 or 6.4 mm, 5,000 sti/min

Coverstitch and flatseamer • JUKI

MF-7500 Series

High-speed, flat-bed, top and bottom coverstitch machine

ماكينة غرزة تغطية علوية
وسفلية بقاعدة مسطحة



The MF-7500 Series is JUKI's flat-bed coverstitch machine for 2-needle, 3-needle and 4-needle top and bottom covering stitch. It hems the sleeves and bottoms of T-shirts and covers seams on knitwear and sportswear at up to 6,500 sti/min. The MF-7500D version has a semi-dry head whose frame needs no oil, which protects garments from oil stains.

Applications T-shirts, knitwear, sportswear and underwear: hemming and covering (U11), collarett attaching (C11), elastic lace attaching on shorts and lingerie (E11)

Key features

المزايا

- **Adjustable feed locus**
The feed locus can be adjusted from outside the machine, vertically and horizontally, to suit the material being sewn.
- **Differential-feed micro-adjustment**
Differential feed can be finely adjusted, and the differential ratio stays the same when the stitch length is changed.
- **Micro-lifter as standard**
Elastic or delicate materials can be sewn with the presser foot slightly raised, which reduces slippage, warping and damage.
- **Looper thread twining prevention**
A broken looper thread is trimmed before it winds on the looper thread cam, now mounted outside for easy maintenance.
- **Two needle bar strokes**
Needle bar stroke is 31 mm as delivered and can be set to 33 mm for fleece and blankets without new parts.
- **Semi-dry head option**
The MF-7500D frame needs no oil: grease and special surface treatment stop oil leaking from needle bar, presser bar and spreader shaft.

Specifications

المواصفات

Stitch type	2-needle, 3-needle and 4-needle top and bottom covering stitch
Max. sewing speed	6,500 sti/min (with thread trimmer 6,000 sti/min; MF-7500D 5,000 sti/min)
Stitch length	1.2 to 3.6 mm (adjustable to max. 4.4 mm)
Needle gauge	3.2, 4.0, 4.8, 5.2, 5.6, 6.0, 6.4 mm depending on model
Differential feed ratio	1:0.7 to 1:2 (U11)
Lift of the presser foot	5 mm (top and bottom covering stitch), 8 mm (bottom covering stitch)
Needle bar stroke	31 mm as delivered, 33 mm for heavy-weight materials
Needle	UY128GAS (#10S) #9S to #12S
Lubrication	Automatic, JUKI Machine Oil 18 (equivalent to ISO VG18); MF-7500D frame: no lubrication
Power requirement / consumption	Single-phase 100 to 120 V / 200 to 240 V, 3-phase 200 to 240 V; 500 VA (with automatic thread trimmer)

Models in the series

الطرازات

MF-7522-U11	2-needle, 4-thread, needle gauge 3.2 or 4.0 mm, 6,500 sti/min
MF-7523-U11	3-needle, 5-thread, needle gauge 4.0, 4.8, 5.6 or 6.4 mm (B56 = B-type throat plate, 5.6 mm), 6,500 sti/min
MF-7524-U11	4-needle, 6-thread, needle gauge 5.2 or 6.0 mm, 4,200 sti/min
/UT35, /UT37	Top and bottom thread trimmer with auto-lifter and direct-drive motor: electromagnetic (UT35) or pneumatic (UT37), 6,000 sti/min
MF-7500D	Semi-dry head, frame needs no oil, max. 5,000 sti/min

Coverstitch and flatseamer · JUKI

MF-3620 Series

4-needle, feed-off-the-arm flatseamer, top and bottom coverstitch machine

ماكينة درزة مسطحة بأربع إبر
وتغذية خارج الذراع



The MF-3620 Series is JUKI's 4-needle, feed-off-the-arm flatseamer that sews the flat 607 top and bottom coverstitch. It joins knit parts with flat lap seams while its built-in knife trims one or both material edges, on underwear, boxer briefs, sportswear, swimwear and fleece. It is offered as a direct-drive model (MF-3620-B) or as a belt-drive model.

Applications

Underwear, boxer briefs, men's briefs, ladies' shorts, tank tops, sportswear, swimwear and sweat shirts (fleece); light to heavy-weight knits

Key features

المزايا

- **Direct-drive model available**
On the MF-3620-B a head-mounted servomotor drives the machine directly, using less power than the earlier model.
- **Oil leakage prevented**
Shielded frame with micro-quantity lubrication and forced oil circulation, plus an oil-thrower that keeps oil out of the looper section.
- **Micro-lifter as standard**
Elastic or delicate materials can be sewn with the presser foot slightly raised, which reduces slippage and damage.
- **Knife built into presser foot**
JUKI's presser foot with built-in cloth cutting mechanism gives smoother feed, less load on the material and longer knife life.
- **Adjustable lap overlap**
On the both-side trimming L200 type, presser foot shoes supplied with the machine adjust how much the two plies overlap.
- **Safety cover**
A cover over the bobbin thread cam section protects the operator from injury.

Specifications

المواصفات

Stitch type	4-needle, flatseamer, top and bottom coverstitch (607)
Max. sewing speed	4,200 sti/min
Stitch length	1.6 to 2.5 mm (standard 2.1 mm)
Needle gauge	5.2 mm, 6.0 mm
Needle bar stroke	30 mm
Needle	FL x 118GCS (#10S) #9S to #12S; retainer needle FLG-8 #8
Lift of the presser foot	6.5 mm
Differential feed ratio	1:0.7 to 1:1.5, adjusted by lever
Lubrication	Automatic (frame: minute-quantity lubrication), JUKI New Defrix Oil No. 2 (equivalent to ISO VG32)
Power requirement / consumption	3-phase 200 V / 300 VA (MF-3620-B direct-drive type)

Models in the series

الطرقات

MF-3620-B	Direct-drive type with SC-921B control box and CP-18B operation panel; mounting base with hand pulley supplied
MF-3620	Belt-drive type for a separate motor; needs the MT-05 table mounting base
L100 / L200	Standard lap seam: one-side trimming with edge guide (L100) or both-side trimming with lap former (L200)
L201	Both-side trimming with special presser foot, for swimsuits

Zigzag • JUKI

LZ-2290C Series

Semi-dry head, digital zigzag stitch sewing system

ماكينة درزة متعرجة رقمية
برأس نصف جاف



The LZ-2290C Series is JUKI's computer-controlled 1-needle lockstitch zigzag machine with a semi-dry head. Needle throw and feed are driven by motors and set on a color touch panel, with 11 stitch types in 20 standard patterns and memory for 200 custom patterns. It sews zigzag, T-shape and pattern stitches on lingerie, labels, collars and welt pockets at up to 5,000 sti/min.

Applications

Lingerie and foundations (brassieres), labels, collar cloths, topstitching of welt pockets, pattern stitching on collars and fronts of jackets and blouses

Key features

المزايا

- **Motor-driven digital feed**
Needle throw and horizontal feed are motor driven (vertical feed too on CF); feed timing and locus are set on the panel.
- **Rotary active tension**
On the CF type, thread tension is corrected for sewing speed and for the remaining bobbin thread, for steady seams.
- **Multi-layer detection**
On the CF type, separate settings are applied on flat and multi-layered parts, preventing stitch gathering and loose stitches.
- **Standard and custom patterns**
11 stitch types in 20 standard patterns, plus 200 custom patterns of up to 500 stitches each.
- **Semi-dry head**
The frame is lubricated with grease and only the hook takes oil from a tank, which reduces oil stains on garments.
- **NFC and USB data**
Sewing data can be sent to and from an Android device by NFC with the JUKI Smart App, or by USB.

Specifications

المواصفات

Max. sewing speed	5,000 sti/min (4,000 sti/min as shipped; varies with stitch shape)
Max. zigzag width	8 mm standard (up to 10 mm by changing the gauge)
Max. feed amount	5.0 mm (2.5 mm as shipped)
Lift of the presser foot	By hand 5.5 mm, by knee 10 mm, auto-lifter 10 mm
Hook	DP hook (titanium-coated inner hook)
Needle (as shipped)	ORGAN DP x 5 (#10), SCHMETZ 438 (Nm 75)
Operation panel	Color touch panel with NFC function
Stitch patterns	11 types / 20 standard patterns; 200 custom patterns, max. 500 stitches each
Machine head drive	Compact AC servomotor, 400 W (direct-drive type)
Lubrication	Semi-dry (frame greased, hook oiled from tank), JUKI New Defrix Oil No. 1 (equivalent to ISO VG7)
Arm to needle / bed size	300 mm / 517 x 178 mm
Power consumption / weight	LZ-2290CF-7: 600 VA, 49.8 kg; LZ-2290CS-7: 530 VA, 49.0 kg

Models in the series

الطرازات

LZ-2290CF-7	Full digital type: motor-driven vertical feed, rotary active tension, multi-layer detection, automatic thread trimmer
LZ-2290CS-7	Digital type: mechanical vertical feed, rotary spring tension, automatic thread trimmer
LZ-2290CS	Digital type without thread trimmer, 48.4 kg
WB / OB	With wiper (WB) or without wiper (OB); one-touch reverse feed on both

Zigzag · JUKI

LZ-2280B Series

High-speed, 1-needle, lockstitch zigzag stitching machine

ماكينة درزة متعرجة عالية
السرعة بإبرة واحدة



The LZ-2280B Series is JUKI's current 1-needle lockstitch zigzag machine, replacing the LZ-2280A. It sews soft, even seams with low thread tension at up to 5,000 sti/min. The control box, direct motor and operation panel are built into the machine head, and the LZ-2284B-7 adds an automatic thread trimmer.

Applications

Lingerie, foundations and girdles, slips, camisoles and shorts: lace and elastic tape attaching, label sewing and general zigzag stitching

Key features

المزايا

- **Soft seams at low tension**
Thread tension is stabilised for fewer irregular stitches, giving soft, even seams with a low tension on the thread.
- **Control box in the head**
Control box, direct motor and operation panel are built into the head, so condensation and overlapped stitches are set on the panel.
- **Two patterns, one lever**
The LZ-2284B switches between standard and 3-step zigzag, and the LZ-2287B between 3-step zigzag and scallop, with one lever.
- **Reliable thread trimming**
On the LZ-2284B-7, JUKI's loop-spreading knife sliding system trims the thread whether the needle throws left or right.
- **Wider feed adjustment**
Feed dog height and inclination adjust over a wider range, and light aluminium feed parts help on overlapped sections.
- **LED light and touch-back**
A colour-tone LED light, rotary touch-back switch and USB port are standard.

Specifications

المواصفات

Max. sewing speed	5,000 sti/min
Max. zigzag width	LZ-2284B: 5 mm standard, 10 mm 3-step
Max. feeding amount	2.5 mm (LZ-2280BB: 5 mm)
Lift of the presser foot	By hand: 5.5 mm, by knee: 10 mm
Hook	DP hook (with titanium-treated inner hook)
Thread take-up	Rotary type
Needle	438SUK (Nm75), DP x 134 (#10)
Needle throw pattern cam	Grooved cam (LZ-2284B, LZ-2287B); triangular cam (LZ-2280BA, BB)
Needle position change / reverse feed	Provided as standard
Lubrication	Fully automatic, JUKI New Defrix Oil No. 1 (equivalent to ISO VG7)
Motor and control	Direct motor; control box and operation panel built into the head
Power supply	Single-phase 100-120 V, 200-240 V, or 3-phase 200-240 V

Models in the series

الطرازات

LZ-2284B-7	Standard / 3-step zigzag with automatic thread trimmer; WB = wiper and automatic reverse feed
LZ-2284B	Standard / 3-step zigzag, without thread trimmer (4BT: with tape attaching)
LZ-2280BA	Standard zigzag, 5 mm width, 2.5 mm feed
LZ-2280BB	Standard wider zigzag, 8 mm width, 5 mm feed
LZ-2287B	3-step zigzag / scallop changeover, 10 mm width
AK	Auto-lifter, optional on the -7 models

Buttonhole, bartack and button · JUKI

LBH-1790AN

Computer-controlled, high-speed, lockstitch buttonholing machine

ماكينة عراوي إلكترونية



The LBH-1790AN is a computer-controlled lockstitch buttonholing machine that sews and cuts straight buttonholes up to 41 mm long. All drive mechanisms (feed, needle throw, knife, thread trimming, presser lifter) are driven by stepping motors and set from the operation panel. It is used on shirts, blouses, uniforms and knitwear, and the series includes long-buttonhole versions for belt holes in car seats and child seats.

Applications

Shirts, blouses, uniforms, light to medium-weight woven fabrics and knits; belt holes in car seats and child seats (LBH-1795AN / LBH-1796AN)

Key features

المزايا

- **31 standard buttonhole shapes**
Square, round, radial, semilunar, eyelet and bartack shapes are built in, and up to 99 patterns can be stored and called up from the panel.
- **Active tension control**
Needle thread tension for the parallel sections, bartacks and basting stitch is set separately on the panel and stored for each sewing condition.
- **Multiple knife-dropping function**
The knife drops the required number of times for the buttonhole length, so the knife does not have to be changed when the buttonhole size changes.
- **Dry-head mechanism**
Only the hook gets a minute quantity of oil, and with the optional non-lubricated hook the machine needs no oil at all (max. 3,300 sti/min).
- **Stepping-motor auto-lifter**
The work clamp lift is set from the panel up to 14 mm, or 17 mm with the reverse-rotation needle-up function, with 1-pedal or 2-pedal operation.

Specifications

المواصفات

Max. sewing speed	4,200 sti/min (normal 3,600 sti/min); 3,300 sti/min with optional non-lubricated hook
Buttonhole length	Max. 41 mm (optional: 70 mm, 120 mm)
Size of cloth cutting knife	6.4 to 31.8 mm (1/4" to 1-1/4")
Bartacking width	Max. 5.0 mm (max. 10 mm with special-specification part)
Needle bar stroke	34.6 mm
Needle	DP x 5 (#11J), #11J to #14J
Hook	DP type, full-rotary hook (non-lubricated hook optional)
Lift of the work clamp	14 mm (17 mm with reverse-rotation needle-up function)
Needle thread tension	Active tension (electronic thread tension control)
Feed / needle throw / knife	Intermittent feed, needle throwing and cloth cutting knife all driven by stepping motors
Standard / storable patterns	31 patterns / max. 99 patterns

Models in the series

الطرازات

LBH-1790ANS	Standard model, buttonholes up to 41 mm (optional 70 / 120 mm work clamp)
LBH-1790ANB	Shorter-thread remaining functions: bobbin thread left under 2.5 mm on average; buttonholes up to 25 mm, bartack width max. 4.0 mm, knife 6.4 to 22.2 mm
LBH-1795ANS	120 mm presser type for long buttonholes such as belt holes in car seats
LBH-1796ANS	220 mm work clamp foot, jump speed up to 540 mm/s; can work as a simplified indexer for 3 buttonholes in a row (indexer parts optional)

Buttonhole, bartack and button · JUKI

LBH-780 Series

1-needle, lockstitch buttonholing machine

ماكينة عراوي بإبرة واحدة
وغرزة مقفلة



The LBH-780 Series is JUKI's mechanical 1-needle lockstitch buttonholer for straight buttonholes on shirts, blouses, working wear, ladies' wear and knits. The number of stitches is set by gear change (54 to 345) and the work clamp lifts 12 mm for bulky knits. Standard, knit (K), gimp (NV) and gimp-cutter (NB) types cover buttonholes from 6.4 to 38.1 mm at up to 3,600 sti/min.

Applications

Men's shirts, blouses, working wear, ladies' wear, knit underwear, sweaters, cardigans, polo shirts and jersey wear

Key features

المزايا

- **12 mm work clamp lift**
The work clamp lifts up to 12 mm (NB type 11.5 mm), so heavy-weight materials and bulky knits can be buttonholed.
- **Easy buttonhole positioning**
The needle entry point is easy to see, and the needle thread trimmer does not interfere with positioning.
- **Low pedal effort**
Less pressure is needed on the start pedal and the lifter pedal, which reduces operator fatigue.
- **Quiet, smooth operation**
Simple stop-motion and knife mechanisms run with low noise; the machine starts, slows down and stops smoothly.
- **Gimp stitching (NV, NB)**
The vertically moving gimp guide tucks in one to three tetron gimps evenly; NB cuts the gimp to about 2 mm.
- **Square or round bartack**
NV and NB types are offered with square or round bartacks; the round type gives a soft finish on ladies' wear.

Specifications

المواصفات

Sewing speed	3,600 sti/min (NV, NB: max. 3,300 sti/min, normal 3,000 sti/min)
Needle bar stroke	34.6 mm
Max. lift of the work clamp	12 mm (NB: 11.5 mm)
Max. material thickness	4 mm (with the work clamp lowered)
Number of stitches	54 to 345 (by gear change)
Length of buttonholes	6.4 to 38.1 mm (NV: 9.5 to 38.1 mm, NB: 11.5 to 38.1 mm)
Needle	DP x 5 #11J (JE: 134 Nm75)
Hook	DP type, automatic-lubricating full-rotary hook
Deceleration method	Belt-shifting method
Lubrication	Automatic, JUKI New Defrix Oil No. 1 (equivalent to ISO VG7)
Motor	300 W general-purpose motor (250 W can be used up to 3,100 rpm)
Weight of machine head	40 kg

Models in the series

الطرازات

LBH-781U	Standard type, knife width (cutting length) 6.4 to 19.1 mm, buttonhole width 2.5 to 4.0 mm, overall length max. 22 mm
LBH-782U / LBH-783U	Standard type, knife width up to 25.4 mm (overall max. 33 mm) or 31.8 mm (overall max. 40 mm)
LBH-781KU / 782KU / 783KU	K type for knits: knit underwear, sweaters, cardigans, tights and medium-weight working wear
LBH-782NV / LBH-783NV	Double-stitching with gimp for sweaters, polo shirts and jersey; NV1 = round-type bartack
LBH-782NB / LBH-783NB	As NV, with automatic gimp cutter; NB1 = round-type bartack
Options	Q060 / Q061 first-buttonhole spacers (men's shirts / ladies' blouses), Q066 spacer for top-center plaits, SK-1 pneumatic knife drive

Buttonhole, bartack and button · JUKI

LK-1900C

Computer-controlled, high-speed bartacking machine

ماكينة تثبيت (بارتاك) إلكترونية



The LK-1900C is a computer-controlled lockstitch bartacking machine with a 40 x 30 mm sewing area, a maximum speed of 3,300 sti/min and 100 standard bartack patterns. It reinforces belt loops, pocket corners, flies, jeans crotch seams and bra straps. It replaced the LK-1900BN in 2024 and has the control box and LCD panel built into the machine head.

Applications Bartacking on pockets, belt loops, flies and crotch seams of trousers and jeans, suit pocket lips, bra shoulder straps and other stress points

Key features

المزايا

- **3,300 sti/min sewing speed**
Maximum speed is 3,300 sti/min (3,000 sti/min for the CW type), with faster thread trimming to shorten the total cycle time.
- **Built-in LED marking light**
A green LED marking light shows the bartack position on the fabric, and its width can be adjusted.
- **Control box in head**
The control box is built into the machine head and the upright LCD panel is on its side, leaving the table top clear.
- **100 patterns, 999 in memory**
100 standard patterns are built in and up to 999 patterns (500,000 stitches) can be stored, with 20 to 200% enlargement or reduction.
- **Active tension control**
Needle thread tension is set on the panel for each part of the seam, such as the start, middle and end, and stored in memory.
- **Dry-head, direct-drive head**
A 550 W compact AC servomotor drives the head directly, and only the hook gets a minute quantity of oil, which prevents oil stains.

Specifications

المواصفات

Max. sewing speed	3,300 sti/min
Sewing area	40 mm (X) x 30 mm (Y)
Stitch length	0.1 to 10 mm (0.1 mm step)
Needle bar stroke	41.2 mm
Lift of the work clamp foot	Standard 14 mm (17 mm with reverse-rotation needle-up function)
Auto-lifter	Provided as standard (stepping motor type)
Needle	DP x 5 (#14)
Hook	Standard shuttle hook
Standard / input patterns	100 patterns / 999 patterns (max. 500,000 stitches)
Needle thread tension	Active tension (electronic thread tension control)
Marking light	Provided as standard (green LED)
Lubrication	Hook only, minute-quantity lubrication (JUKI New Defrix Oil No.2)
Motor / power	550 W compact AC servomotor (direct-drive); single-phase 220-240V, 3-phase 200-240V or single-phase 100-120V, 230VA

Models in the series

الطرازات

LK-1900CS	Medium-weight materials, DP x 5 #14
LK-1900CH	Heavy-weight materials, DP x 17 #21
LK-1900CF	Foundation garments, DP x 5 #11
LK-1900CW	1.8-fold capacity hook for heavy-weight materials, DP x 17 #21, max. 3,000 sti/min
LK-1901CS	Eyelet buttonhole bartacking, material drawing max. 3 mm, max. 3,000 sti/min

Buttonhole, bartack and button · JUKI

LK-1903C

Computer-controlled, high-speed, lockstitch button sewing machine

ماكينة تركيب أزرار إلكترونية



The LK-1903C is a computer-controlled lockstitch button sewing machine for flat 2-hole and 4-hole buttons from 8 to 32 mm. The control box and an upright LCD panel are built into the machine head, and up to 999 patterns can be stored. The LK-1903C/BR35 version adds an automatic button feeder that sets each button in the clamp.

Applications

Flat 2-hole and 4-hole buttons on shirts, blouses, men's and ladies' wear, uniforms and workwear

Key features

المزايا

■ Control box in head

The control box is built into the machine head and the LCD panel is mounted on its side, so the table top stays clear (panel can be moved to the table with an optional cable).

■ 999 patterns in memory

50 standard patterns are built in and up to 999 patterns (500,000 stitches) can be stored, with cycle sewing.

■ Active tension control

Needle thread tension is set on the panel for the start, middle and end of the seam and stored for each sewing condition.

■ Stepping-motor auto-lifter

The work clamp foot lifts up to 13 mm, with a one-step or two-step stroke and an intermediate stop set from the panel.

■ Dry-head mechanism

The needle bar and thread take-up need no oil; only the hook gets a small quantity of clean oil, which prevents oil stains.

■ BR35 automatic button feeder

On the LK-1903C/BR35 a horizontal forced feed mechanism sets the next button in position after each cycle, so the operator only places the fabric and presses the pedal.

Specifications

المواصفات

Max. sewing speed	2,700 sti/min
Button size	Round, flat button, 8 to 32 mm dia. (clamp 301: 8 to 20 mm; 302: 10 to 20 mm; option: 15 to 32 mm)
Stitch length	0.1 to 10 mm (0.1 mm step)
Needle bar stroke	45.7 mm
Lift of the work clamp foot	Max. 13 mm
Auto-lifter	Provided as standard (stepping motor type)
Needle	DP x 17 (#14)
Hook	Standard shuttle hook
Standard / storable patterns	50 patterns / 999 patterns (max. 500,000 stitches)
Enlarging / reducing	20 to 200% (1% step)
Needle thread tension	Active tension (electronic thread tension control)

Models in the series

الطرازات

LK-1903CSS301	Standard work clamp foot, button clamp jaw lever for extra-small and small buttons (8 to 20 mm)
LK-1903CSS302	Standard work clamp foot, button clamp jaw lever for medium-size buttons (10 to 20 mm)
LK-1903CST	Work clamp foot with thread clamp (needle thread grasping at the start of sewing)
LK-1903C/BR35	With BR35 automatic button feeder: 2- or 4-hole flat buttons 9 to 20 mm, 1.8 to 3.5 mm thick, lift max. 11 mm, 146 kg with feeder

Buttonhole, bartack and button · JUKI

MB-1370 Series

Single-thread chainstitch button sewing machine

ماكينة تركيب أزرار بغرزة سلسلة بخيط واحد



The MB-1370 Series is JUKI's mechanical single-thread chainstitch button sewing machine for 2-hole and 4-hole flat buttons on men's wear and blouses. A thread-fray-prevention mechanism ties the last stitch securely and can be switched off when not needed. It sews 8, 16 or 32 stitches per button at up to 1,500 sti/min, and with attachments also sews shank, snap, metal and stay buttons and labels.

Applications

Men's shirts and wear, blouses and uniforms; flat 2-hole and 4-hole buttons, and with attachments shank, wrapped-around, snap, metal and stay buttons and labels

Key features

المزايا

■ Thread-fray prevention

The last stitch is knotted securely; JUKI reports no fraying after 200 or more laundry tests to the JIS L0217 103 method.

■ ON/OFF changeover

Thread-fray prevention can be switched off when it is not needed, for example for label attaching.

■ 8, 16 or 32 stitches

The number of stitches per button is chosen to suit the button and sewing conditions.

■ Quick stitch-shape change (MB-1377)

A lever switches between U-shaped (parallel) and X-shaped stitching on 4-hole buttons, so one machine sews two button types.

■ Existing attachments fit

Attachments used on JUKI's earlier button sewing machines can be used as they are.

Models in the series

الطرازات

MB-1373	Fixed stitch shape: U-shaped (code 00) or X-shaped (code 11), 8, 16 and 32 stitches; lengthwise feed 0 to 6.5 mm
MB-1377	Lever change-over between U-shaped and X-shaped stitching (code 12); lengthwise feed 0 to 4.5 mm
Button clamp S / M	For small flat buttons (Z252) or medium flat buttons (Z032)
Attachments	Shank buttons (Z033, Z040, Z040B), wrapped-around (Z004, Z041, Z099 with Z035), snaps (Z037), metal buttons (Z038), stay buttons (Z039), labels (Z044)

Specifications

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Max. sewing speed	1,500 sti/min
Number of stitches	8, 16 and 32
Sewing system	Single-thread chainstitch
Stitching shape	U-shaped (parallel) and X-shaped on 4-hole buttons, straight on 2-hole buttons
Feed length	Crosswise 2.5 to 6.5 mm; lengthwise 0 to 6.5 mm (MB-1377: 0 to 4.5 mm)
Button size	ø10 to 28 mm, thickness 1.8 to 3.5 mm (option max. 5 mm)
Needle (as delivered)	TQ x 1 (#16) #14 to #20 (TQ x 7 with some attachments)
Needle bar stroke	48.6 mm
Lift of the presser foot	9 mm
Lubrication	By oiler, JUKI New Defrix Oil No. 1 (equivalent to ISO VG7)
Power requirement / motor	Single-phase or 3-phase, 200 W (1/4 HP) general-purpose motor

Buttonhole, bartack and button · JUKI

MEB-3200C

Computer-controlled eyelet buttonholing machine

ماكينة عراوي عين إلكترونية



The MEB-3200C series is a computer-controlled eyelet (keyhole) buttonholing machine that sews 1-needle double chainstitch with gimp and cuts the buttonhole before or after sewing. Thread tension, knife pressure and stitch shape are set on a color touch panel. Four subclasses cover men's and ladies' wear, combined lateral and longitudinal buttonholes, jeans, and cotton pants and workwear.

Applications

Eyelet and straight buttonholes on jackets, coats, men's and ladies' wear, jeans, cotton pants and workwear

Key features

المزايا

■ Color LCD touch panel

The panel shows the stitch shape, set values and menus, with 11 standard stitch shapes and up to 88 patterns stored.

■ Needle and looper active tension

Needle and looper thread tensions are set digitally for the eyelet, parallel and bartack sections and for the start and end of sewing.

■ Automatic knife pressure

The cloth cutting knife is driven vertically by a stepping motor, its pressure is held at the set value, and cut-before or cut-after is selected on the panel.

■ Air-gun threading

Needle and looper threads are blown through a pipe thread path with an air gun, and the machine uses about one-seventh of the air of a standard eyelet machine.

■ Direct-drive motor

A compact AC servomotor is connected directly to the hook-driving shaft, with no V-belt, clutch or stop-motion mechanism.

■ Separate left and right clamps

Left and right work clamps are driven by independent air cylinders to hold materials of different thickness.

Specifications

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Stitch system	1-needle, double chainstitch (with gimp)
Sewing speed	400 to 2,200 sti/min (100 sti/min step)
Sewing length	10 to 38 mm with thread trimmer; 10 to 50 mm with looper thread trimming device removed
Needle throwing width	2.0 to 3.2 mm (2.3 mm at delivery)
Taper bar length	0 mm, 3 to 15 mm
Work clamp height	13 mm (max. 16 mm)
Needle	DO x 558 (Nm100), Nm90 to Nm110
Buttonhole cutting	Cut-before knife, cut-after knife or no cutting, selected by program; knife driven vertically by stepping motor
Stitch patterns	11 standard stitch shapes; up to 88 patterns stored
Lubrication	Automatic (looper and spreader by oiler), JUKI New Defrix Oil No.2
Compressed air	0.5 MPa, 6 dm ³ /min (ANR) at 8 cycles/min
Power	Single-phase / 3-phase, 550VA
Dimensions	1,060 mm (W) x 790 mm (D) x 1,230 mm (H)

Models in the series

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MEB-3200CSS	Men's and ladies' wear; long remaining thread; DO x 558 Nm100; width 2.0 to 3.2 mm
MEB-3200CRS	Combined lateral and longitudinal buttonholes for men's and ladies' wear; long remaining thread
MEB-3200CJS	Jeans; short remaining thread; DO x 558 Nm120; width 2.6 to 4.0 mm; work clamp M (24 to 32 mm) standard
MEB-3200CCS	Cotton pants and workwear; short remaining thread; DO x 558 Nm110; work clamp S (16 to 24 mm) standard

Al Borj Machinery LLC · Sharjah, Accra, Nairobi

Service and support

الخدمة والدعم

Buying the machine is the start. Our own technicians install it, train the people who run it, and keep it running with genuine JUKI parts.

01 Machine selection

Send us your products, fabrics and target output. We recommend the JUKI models, sub-classes and attachments before you buy.

02 Installation and commissioning

Our technicians set up each machine on its table, adjust it for your fabric and thread, and test-sew before handover.

03 Operator and mechanic training

Hands-on training on the panel functions for operators, and on daily care, timing and adjustment for your mechanics.

04 Warranty

Every machine carries JUKI's warranty, handled by our own service team.

05 Maintenance contracts

Service visits, repairs and annual maintenance contracts for single machines or complete lines.

06 Genuine parts, needles and thread

Genuine JUKI parts and attachments from stock in Sharjah, with Organ needles and Amann thread.



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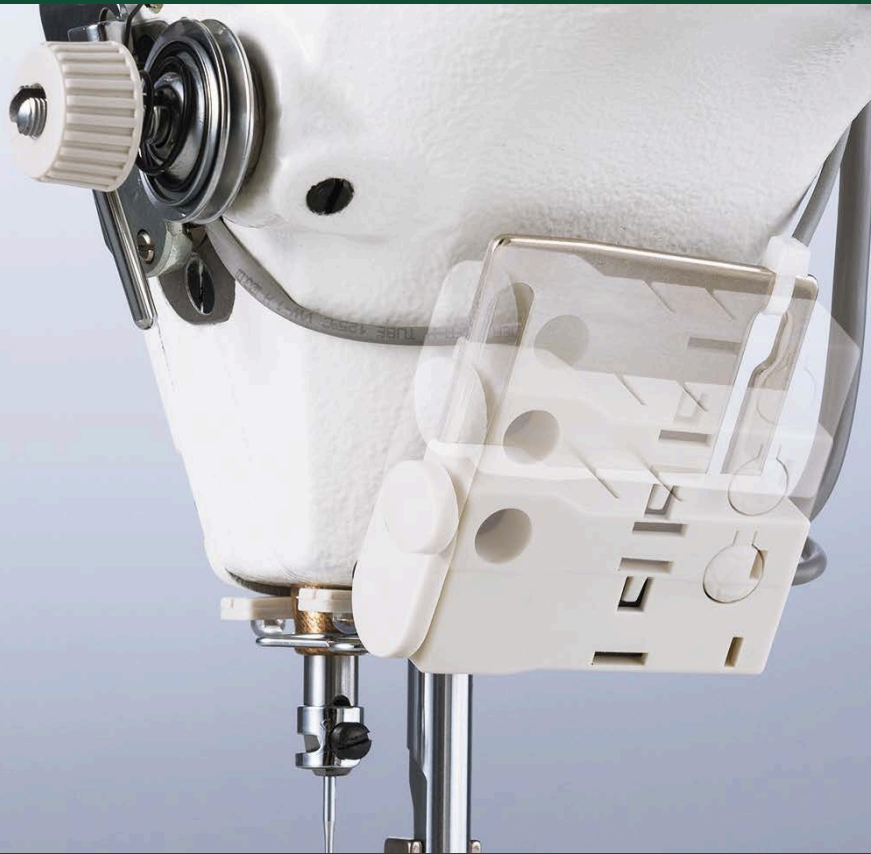
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