

1-needle, Lockstitch Machine for Leather and Heavy-weight Materials

DDL-8700L

- This is a newly designed JUKI's unique lockstitch machine. The machine is able to sew at a pitch as long as 7mm for both normal and reverse feed directions. With the adoption of a feed mechanism and thread take-up lever, the machine achieves increased efficiency of feed and well-tensed stitches. It is a basic lockstitch machine suited for the sewing of leather or heavy-weight sewing products such as bags, pouches and purses.
- The machine head was remodeled to achieve an optimally balanced and highly rigid machine head frame. With its reduced vibration and noise and easy operation of the feed lever at the time of reverse stitching, the machine promises to make sewing work more comfortable. The wider distance from the machine arm to the needle on the front of the machine head, smoothed design of the machine head, larger needle bar stroke (35mm), and higher lift of the presser foot (13mm) enable easy handling of heavy-weight material. In addition, the machine is equipped with a handwheel that is larger than normal for easy turning.
- By adopting the locus best suited to the sewing of leather and heavy-weight materials, the machine smoothly feeds heavy-weight materials without stitch gathering even on multi-layered portions. The machine also uses a Teflon presser foot that offers sharp-curve sewing capability to prevent from scratch on the material.



DDL-8700L



SPECIFICATIONS

Model name	DDL-8700L
Max. sewing speed	4,000rpm (for stitch length less than 5mm) 3,500rpm (for stitch length up to 7mm)
Max. stitch length	7mm (normal/reverse feed)
Needle bar stroke	35mm
Lift of the presser foot	By hand: 5.5mm, By knee: 13mm
Needle (at the time of delivery)	DB × 1 (#21) #16 ~ #23 or DP × 5
Presser foot	Teflon presser foot
Feed dog	3-row
Hook	Automatic-lubricating full-rotary hook
Lubrication	Automatic
Lubricating oil	JUKI New Defrix Oil No.1 (equivalent to ISO VG7)
Weight of the machine head	28kg

WHEN YOU PLACE ORDERS

DDL-8700

Application	Code
For leather and heavy-weight materials	L

1-needle, Top & Bottom-feed, Lockstitch Machine

DU-140

DU-141NH (with a double-capacity hook)

DU-141H-7 (with a double-capacity hook and an automatic thread trimmer)

- With its unique thread take-up mechanism, feed mechanism, and hook, the machine feeds difficult-to-feed materials and multilayered portions of material with great precision, thereby producing beautifully finished seams of consistent quality.
- The stitch length is adjusted in the range of 0 to 9mm both in the normal and reverse directions by operating the stitch dial. This feature allows the machine to be used in wider applications such as decorative stitching, which requires a larger pitch and sewing of tent sheets. The reverse-feed sewing length is also adjustable.
- **DU-141H-7**
The knife is driven by a thread trimming cam ideal for cutting thick threads at a sharp angle.



DU-141H-7-0B/XC-E500

SPECIFICATIONS

Model name	DU-140	DU-141NH	DU-141H-7
Max. sewing speed	2,000rpm		
Max. stitch length	9mm (normal/reverse feed)		
Needle bar stroke	35mm	37mm	
Lift of the presser foot	By hand: 7mm, By knee: 15mm		By hand: 6mm, By knee: 15mm
Thread take-up	Link type		
Alternating vertical movement	2 ~ 5mm		
Hook	Horizontal-axis full-rotary hook	Horizontal-axis full-rotary double-capacity hook	
Needle (at the time of delivery)	DB x 1 (DP x 17) (#21) #14 ~ #23	DB x 1 (DP x 17) (#21) #14 ~ #23, For JE: 1738 (Nm130)	
Thread	#40 ~ #8, B33 ~ B92, Nm90/3 ~ 30/3		
Lubrication	By an oiler (hook: automatic)		
Lubricating oil	JUKI New Defrix Oil No.1 (equivalent to ISO VG7)		
Distance from needle to machine arm	265mm	270mm	
Bed size	477mm x 178mm		
Weight of the machine head	32kg		34kg
Automatic reverse feed function	Provided as standard		
Power requirement	Single-phase 100 ~ 120V, 220 ~ 240V 3-phase 200 ~ 220V, 220 ~ 240V		

WHEN YOU PLACE ORDERS

- Without an automatic thread trimmer

DU-140
DU-141NH

- With an automatic thread trimmer

DU-141H-7-0B/

Automatic reverse feed function	Code
provided	0B

Pneumatic auto-lifter (optional)	Code
Knee switch type (AK114C)	C
Pedal switch type (AK114B)	B
Not provided	

- PSC box/control panel for SC

SC-380- -

PSC box		Code	
For General Export	Single-phase	220 ~ 240V	07
	3-phase	200 ~ 220V	11
For JUS (LA) *	Single-phase	110 ~ 120V	37
	3-phase	220 ~ 240V	38
For CE	Single-phase	220 ~ 240V	34

Control panel	Code
Not provided	00000
Control panel display language: English. Instruction manual comes in three different languages.	E500B
Control panel display language: English. Instruction manual comes in five different languages.	E500C

- Motor for SC

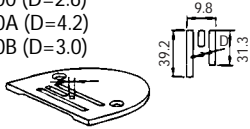

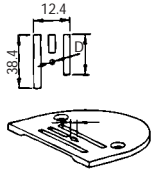
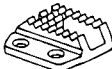
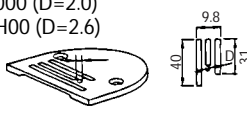

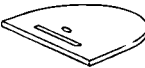
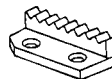
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Motor		Code	
For General Export	Single-phase	200 ~ 240V	60
	3-phase		
For JUS (LA) *	Single-phase	100 ~ 120V	61
	3-phase	200 ~ 240V	62
For CE	Single-phase	200 ~ 240V	63


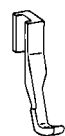



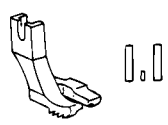
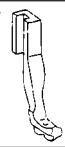

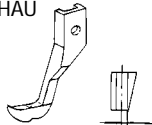

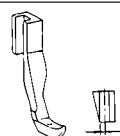
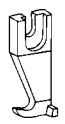



* JUS: North America and Central and South America.

EXCHANGEABLE GAUGE PARTS

● For DU-140, DU-141NH, DU-141H-7, DU-580

Description	Throat plate	Feed dog	Notes
Standard	D1109-560-E00 (D=2.6) D1109-560-E0A (D=4.2) D1109-560-E0B (D=3.0) 	D1613-560-E00 	Stitch length: max. 8mm
	B1109-201-H0B (D=3.5) B1109-555-H0B (D=2.6) 	B1609-201-000A 	Stitch length: max. 8mm
	B1105-141-000 (D=2.0) B1105-141-H00 (D=2.6) 	B1613-141-H00A 	Stitch length: max. 9mm
Single-lined feed dog for sewing gloves and shoes	114-05800 	114-05701 	Exclusive parts Roller presser foot asm for DDL: B1524-560-RB0 Narrow type walking foot for DU: B1526-141-HAB B1526-141-H0T

● For DU-140, DU-141NH, DU-141H-7

Description	Walking foot	Presser foot	Notes
Standard	B1526-141-H0A 	B1525-141-HA0 	
For piping	B1527-141-H0 	B1527-141-HA0 	Piping size B : 3.2mm (1/8") F : 6.4mm (1/4") C : 4.0mm (5/32") H : 7.9mm (5/16") D : 4.8mm (3/16") K : 9.5mm (3/8") E : 5.6mm (7/32")
Cut-out tail for piping	B1528-141-H0 		
Double groove	B1529-141-H0 	B1526-141-HAW 	Piping size B : 3.2mm (1/8") F : 6.4mm (1/4") C : 4.0mm (5/32") H : 7.9mm (5/16") D : 4.8mm (3/16") K : 9.5mm (3/8") E : 5.6mm (7/32")
Left-hand	B1526-141-H0Q 	B1526-141-HAU 	
Right-hand	B1526-141-H0R 	B1526-141-HAS 	
Narrow type for sewing gloves and shoes	B1526-141-H0T 	B1526-141-HAB 	Stitch length: max. 6mm Exclusive parts Feed dog: 114-05701 Throat plate: 114-05800
For attaching zippers	B1527-141-H0X 	B1526-141-H0X 	Without hardening (blank)

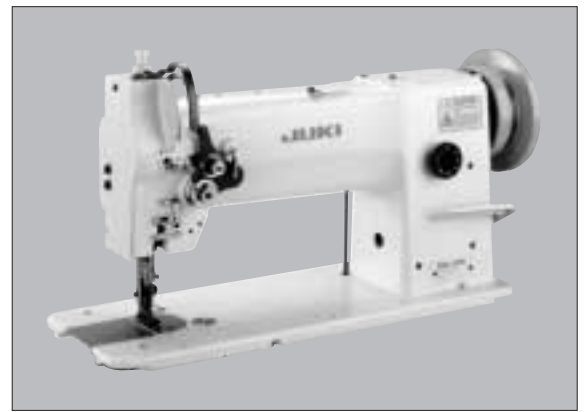
1-needle, Unison-feed, Lockstitch Machine with a Large Hook

DNU-241H

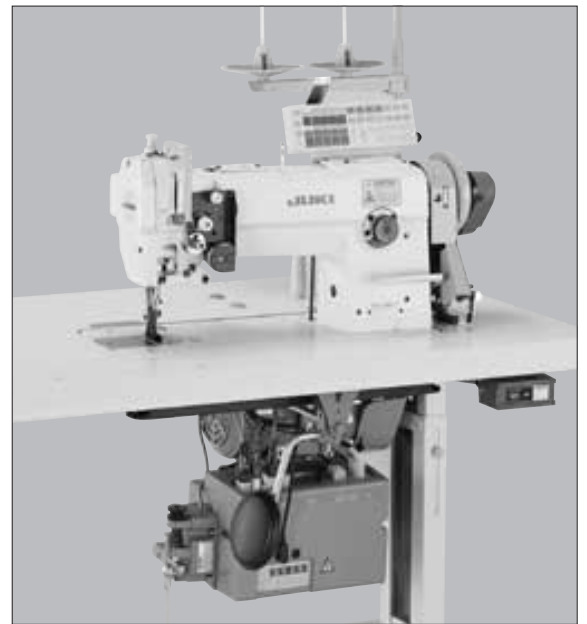
DNU-241HS (with a safety device for hook)

DNU-241H-7 (with an automatic thread trimmer)

- The unison-feed mechanism feeds the material strongly and smoothly, achieving consistent seam quality (max. stitch length of 8mm). The mechanism demonstrates its features particularly well in piping and binding tape attachment processes.
- The attachment is essential when sewing heavy-weight materials. The machine is equipped with an attachment mounting seat.
- The double-capacity hook allows the frequency of bobbin winding to be reduced and leading to a higher degree of efficiency.
- **DNU-241HS**
When the thread is caught in the hook or any other sewing trouble occurs, the safety device for hook will automatically operate to prevent the machine from being damaged.
- **DNU-241H-7**
Consisting only of a moving knife and counter knife, the simple and well-balanced thread trimming mechanism is capable of cutting thick thread up to #8 without fail.



DNU-241H



DNU-241H-7-0B/XC-E500

SPECIFICATIONS

Model name	DNU-241H	DNU-241HS	DNU-241H-7
Max. sewing speed	2,000rpm		2,400rpm
Max. stitch length	8mm (normal/reverse feed)		
Needle bar stroke	33.4mm		38mm
Lift of the presser foot	By hand: 9mm, By knee: 12mm		By hand: 9mm, By knee: 15mm
Thread take-up	Slide type		
Alternating vertical movement	3 ~ 6mm		
Hook	Horizontal-axis full-rotary double-capacity hook		
Needle (at the time of delivery)	DP × 17 (#23)#16 ~ #23		DP × 17 (#23)#16 ~ #23 For JE: 135 × 17(Nm160)
Thread	#40 ~ #8, B33 ~ B92, Nm=90/3 ~ 30/3		
Lubrication	By an oiler (hook: automatic)		
Lubricating oil	JUKI New Defrix Oil No. 1 (equivalent to ISO VG7)		
Distance from needle to machine arm	264mm		
Bed size	477mm × 178mm		
Weight of the machine head	31kg		35kg
Automatic reverse feed function			Option
Power requirement			Single-phase 100 ~ 120V, 220 ~ 240V 3-phase 200 ~ 220V, 220 ~ 240V

WHEN YOU PLACE ORDERS

● Without an automatic thread trimmer

DNU-241H

Safety device for hook	Code
Not provided	
Provided	S

● With an automatic thread trimmer

DNU-241H-7-0B/

Automatic reverse feed function	Code
Provided	0B

Pneumatic auto-lifter (optional)	Code
Knee switch type (AK110C)	C
Pedal switch type (AK110B)	B
Not provided	

* Note that the auto-lifter cannot be installed on the machine after the set-up.

● PSC box/control panel for SC

SC-380- -

PSC box			Code
For General Export	Single-phase	220 ~ 240V	07
	3-phase	220 ~ 220V	11
For JUS (LA)*	Single-phase	110 ~ 120V	37
	3-phase	220 ~ 240V	38
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Control panel	Code
Not provided	00000
Control panel display language: English. Instruction manual comes in three different languages.	E500B
Control panel display language: English. Instruction manual comes in five different languages.	E500C

● Motor for SC

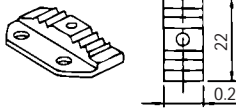
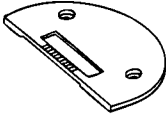
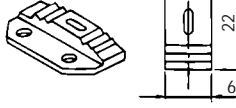

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Motor			Code
For General Export	Single-phase	200 ~ 240V	60
	3-phase		
For JUS (LA)*	Single-phase	100 ~ 120V	61
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For CE	Single-phase	200 ~ 240V	63


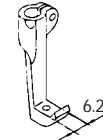

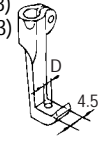

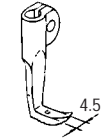

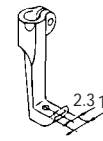

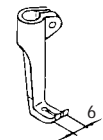
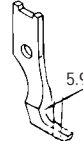
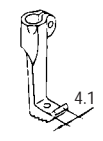

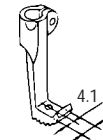
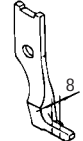
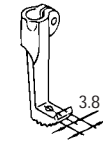
* JUS: North America and Central and South America.

EXCHANGEABLE GAUGE PARTS

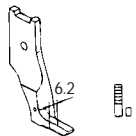
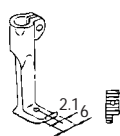

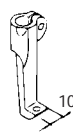
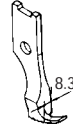
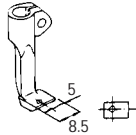
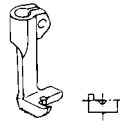
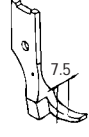
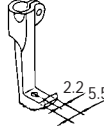
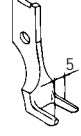
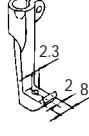
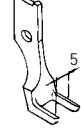
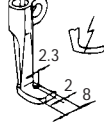





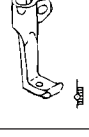
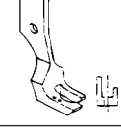



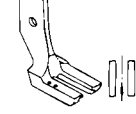

● For DNU-241H(S), DNU-241H-7

Description	Throat plate	Feed dog	Notes
Standard (without groove)	B1105-241-H00A	D1613-241-E00 	Needle hole: 4 × 2.5mm
For thin needles		D1613-241-E0A 	Needle hole: 2.6 × 2.2mm
With groove		D1613-241-E0B 	Needle hole: 4 × 2.5mm

● For DNU-241H(S), DNU-241H-7, DNU-261H

Description	Presser foot	Walking foot	Notes
Standard	B1525-241-HA0 	B1470-241-HA0 	For DNU Stitch length: max. 10mm
	B1525-053-0A0 	B1470-053-000 (D=2.8) B1470-053-C00 (D=2.3) 	For LU & LS Stitch length: max. 10mm
	B1525-562-BA0 	B1470-562-B00 	Stitch length: max. 10mm With teeth
	B1525-563-E00 	B1470-563-E00 	Stitch length: max. 10mm
Left-hand type	B1524-245-0A0 	B1470-245-000 	DSC-245(-7), 246(-7) standard Stitch length: max. 6mm
	B1529-245-0AD (special order) 	B1476-245-00D (special order) 	Stitch length: max. 8mm With teeth
	B1529-245-0AC (special order) 	B1476-245-00C (special order) 	Stitch length: max. 6mm With teeth
	B1529-245-0AB (special order) 	B1476-245-00B (special order) 	Stitch length: max. 8mm With teeth

● For DNU-241H(S), DNU-241H-S, DNU-261H

Description	Presser foot	Walking foot	Notes
Left-hand type	B1529-245-0AF (special order) 	B1476-245-00F (special order) 	Stitch length: max. 6mm With teeth
For binding	MAQ-092080A0 (with teeth) 	MAQ-09207000 	Stitch length: max. 10mm
	MAQ-093080A0 (with teeth) 	MAQ-09307000 	DSC-246V(-7) standard Stitch length: max. 10mm
		MAN-10452000 	DSC-245V(-7) standard Stitch length: max. 10mm
Right-hand type	B1529-245-00A 	B1476-245-00A 	Stitch length: max. 8mm With teeth
Wide type	103-25157 	103-25306 	Stitch length: max. 10mm Exclusive parts (for LU-1114) Throat plate: 103-25009 Feed dog: 103-25207
For leather (without teeth)	103-26304 	103-26205 	Stitch length: max. 6mm Without finger guard Exclusive parts (for LU-1114) Throat plate: 103-26403 Feed dog: 103-26106
For piping	B1530-245-00 	B1478-245-000 (commonly used for every size) 	Stitch length: max. 8mm Piping size C : 4.0mm (5/32") H : 7.9mm (5/16") D : 4.8mm (3/16") K : 9.5mm (3/8") F : 6.4mm (1/4")
Cut-out tail for piping	B1531-245-00 	B1478-245-00 	Stitch length: max. 8mm Piping size C : 4.0mm (5/32") D : 4.8mm (3/16") F : 6.4mm (1/4") H : 7.9mm (5/16")
For piping (with knurled foot)	B1525-245-00 	B1472-245-00 	Stitch length: max. 8mm Piping size D : 4.8mm (3/16") F : 6.4mm (1/4") H : 7.9mm (5/16") K : 9.5mm (3/18")
	B1526-245-00 	B1473-245-00 	Stitch length: max. 8mm Piping size D : 4.8mm (3/16") F : 6.4mm (1/4")
	B1527-245-00 (special order) 	B1474-245-00 (special order) 	Stitch length: max. 8mm Piping size C : 4.0mm (5/32") H : 7.9mm (5/16") D : 4.8mm (3/16") K : 9.5mm (3/8") F : 6.4mm (1/4")
Double groove	B1528-245-00 	B1475-245-00B (commonly used for every size) 	Stitch length: max. 8mm Piping size B : 3.2mm (1/8") H : 7.9mm (5/16") D : 4.8mm (3/16") K : 9.5mm (3/8") F : 6.4mm (1/4")

1-needle, Unison-feed, Lockstitch Machine with a Vertical-axis Large Hook

LU-1508

LU-1508H (for extra heavy-weight materials)

LU-1510 (with an automatic lubricating mechanism)

LU-1510-7 (with an automatic lubricating mechanism and an automatic thread trimmer)

- The new mechanism with a rectangular feeding motion promises consistent feed of materials of all thickness without stitch gathering.

The lower orbit of the feed dog prevents the material from flopping and reduces operating noise and vibration.

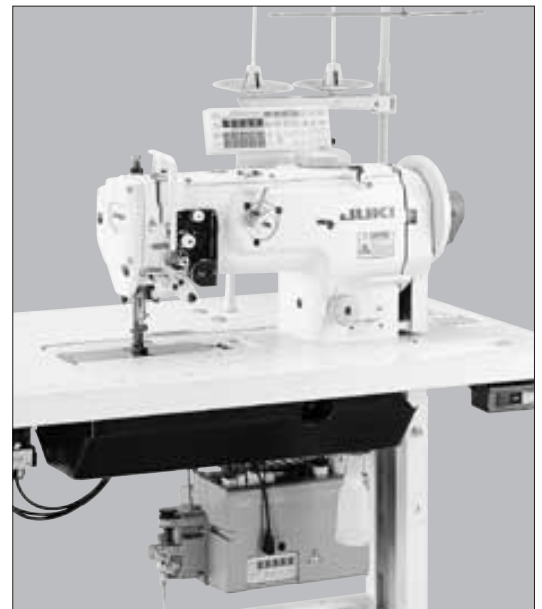
Rectangular feed LU-1508, LU-1510, LU-1510-7

Compared with the elliptical feed, the rectangular feed helps reduces gathered stitches.

Complete rectangular feed LU-1508H

The locus of the "needle" and "feed" motions are nearly rectangular. This prevents stitch gathering and provides efficient feed on multi-layered portions of material.

- With the adoption of a new rectangular feed mechanism, an alternating vertical movement mechanism, and a unison-feed mechanism, the machine can feed heavy-weight materials powerfully and smoothly. Well tensed seams are consistently produced without pitch errors.
- Even when a heavy-weight material is used, the presser foot lift does not decrease. This means that the presser foot comes into contact with the material at exactly the same time that it does when sewing lighter-weight sections of the material. As a result, the walking foot retains the material with a consistent pressure to prevent irregular stitches.
- **LU-1508H**
 - The maximum stitch length is 10mm. The complete rectangular feed locus enables accurate feed of extra heavy-weight materials while preventing stitch gathering.
 - With its sufficient needle bar stroke of 38mm and long 190R needle, the machine supports the sewing of extra heavy-weight materials.
 - The machine comes with an extra large steel handwheel with a diameter as large as 175.



LU-1510-7-0BB/XC-E500

● LU-1510, LU-1510-7

- The machine is equipped with a bottom-feed adjusting mechanism that adjusts the amount of bottom-feed while keeping the needle-feed fixed. With the mechanism, the machine can prevent uneven material feed without changing stitch pitches.
- Automatic lubricating mechanism improves maintainability. The machine is provided with a sub oil pan and double filter to keep dust from entering the oil.

● LU-1510-7

- The machine comes with JUKI's proven thread trimming mechanism. With its robust knife and cam configuration, the thread trimmer reliably cuts threads as thick as #5.
- The vertical strokes of presser foot and walking foot (their alternating vertical movement) can be easily changed using a large dial mounted on the top surface of the machine head.
- In addition the sewing speed is automatically adjusted with the set value. With this feature, ideal sewing conditions are maintained at all times.

WHEN YOU PLACE ORDERS

● Without an automatic thread trimmer

LU-1508 LU-1510

Application	Code
Standard	
For extra heavy-weight materials	H

● With an automatic thread trimmer

LU-1510-7-0B

Pneumatic auto-lifter	Code
Knee switch type (AK119A)	A
Pedal switch type (AK119B)	B
Not provided	

● Motor for SC

M

Motor			Code
For General Export	Single-phase 3-phase	200 ~ 240V	60
For JUS (LA) *	Single-phase	100 ~ 120V	61
	3-phase	200 ~ 240V	62
For CE	Single-phase	200 ~ 240V	63

● PSC box/control panel for SC

SC-380- -

PSC box			Code
For General Export	Single-phase	220 ~ 240V	07
	3-phase	200 ~ 220V	11
For JUS (LA) *	Single-phase	110 ~ 120V	37
	3-phase	220 ~ 240V	38
For CE	Single-phase	220 ~ 240V	34

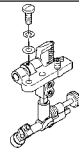
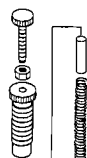
Control panel		Code
Not provided		00000
Control panel display language: English. Instruction manual comes in three different languages.		E500B
Control panel display language: English. Instruction manual comes in five different languages.		E500C

* JUS: North America and Central and South America.


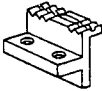
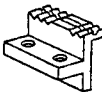

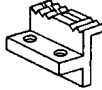
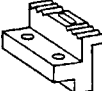
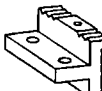

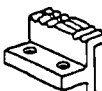

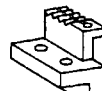
SPECIFICATIONS





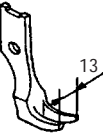


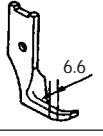

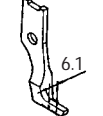

Model name	LU-1508	LU-1508H	LU-1510	LU-1510-7
Application	For heavy-weight materials	For extra heavy-weight materials	For heavy-weight materials	
Max. sewing speed	2,500rpm	2,000rpm	2,500rpm	3,000rpm
Max. stitch length	9mm (normal/reverse feed)	10mm (normal/reverse feed)	9mm (normal/reverse feed)	
Needle bar stroke	36mm	38mm	36mm	
Lift of the presser foot	By hand: 9mm, By knee: 16mm (max)			
Alternating vertical movement	2.5 ~ 6.5mm			1 ~ 6.5mm
Dial for adjustment of alternating vertical movement				Provide as standard
Thread take-up	Slide type			
Hook	Vertical-axis double-capacity hook			
Needle (at the time of delivery)	135 × 17 (Nm160) Nm125 ~ Nm180 DP × 17 #23	Standard 190R or 135 × 17 (Nm160) Nm125 ~ Nm180 MT190 #23	135 × 17 (Nm160) Nm125 ~ Nm180 DP × 17 #23	
Thread	#30~#5, B46 ~ B138 Nm=60/3 ~ 20/3	#20~#1, B69 ~ B207 Nm=40/3 ~ 15/3	#30~#5, B46 ~ B138 Nm=60/3 ~ 20/3	
Feed dog motion	Rectangular	Complete rectangular	Rectangular	Rectangular
Feed differential	Provided as standard			
Handwheel	Large, aluminum	Extra large, steel	Large, aluminum	Large, aluminum
Pitch changing method	By dial			
Bobbin winder	Built on the machine head			
Knee-lifter mechanism	Built on the machine head			
Safety mechanism	Provided as standard			
Lubrication	By an oiler (hook: automatic)		Automatic	
Lubricating oil	JUKI New Defrix Oil No.1 (equivalent to ISO VG7)			
Distance from needle to machine arm/Bed size	255mm/517mm × 178mm			
Weight of the machine head	42.5kg	44.5kg	43kg	48kg
One-touch type reverse feed function	Option			Provided as standard
Compressed air and air consumption				0.5MPa (5kgf/cm ²), 0.3Nℓ/min
Power requirement				Single-phase 110 ~ 120V, 220 ~ 240V 3-phase 200 ~ 220V, 220 ~ 240V

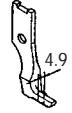

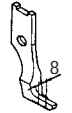


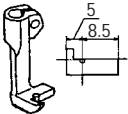
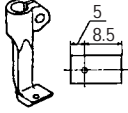




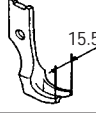

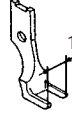


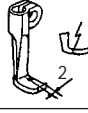
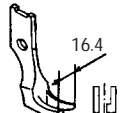

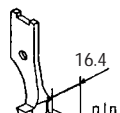



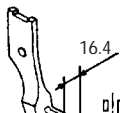

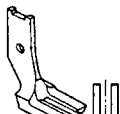

OPTIONS

Model	Part No.	Description	Feature
AK119A	GAK-A19010A0	Knee switch type	Applicable model: LU-1510-7
AK119B	GAK-A19010B0	Pedal switch type	
AK120A	GAK-A20010A0	Knee switch type	Applicable model: LU-1508, LU-1508H, LU-1510
AK120B	GAK-A20010B0	Pedal switch type	
	213-48552	Pneumatic one-touch type reverse feed stitching device (provided with an air regulator)	Applicable model: LU-1508, LU-1508H, LU-1510 * To use an auto-lifter and reverse feed stitching device in combination, select AK119A or AK119B
H152	MAH-152010A0	Suspended ruler	
	SS-7151610-SP × 2		
	WP-0621016-SD × 2		
	WP-0610002-KN × 2		
	MAY-BL6B10A0	Core dia. 6 ~ 10mm	Piping holder
	MAY-BL6B20A0	Core dia. 2 ~ 5mm	
PK75		3-pedal unit	Applicable model: LU-1510-7 Highly operable 3-pedal unit for standing work.
	210-06507	Additional spring for presser bar	
	NS-6110530-SP		
	210-06408		
	210-16101		
	210-06002 × 3		

EXCHANGEABLE GAUGE PARTS

Description	Throat plate	Feed dog	Notes
Lower fittings standard (equipped on machine)	B1109-563-000 (area: 33.2 × 6.6) 	213-49303 (needle hole: 2.5 × 7.2) (groove in front and back) 	6.2 7.2 20 2.5 Equipped on LU-1508, LU-1508H, LU-1510 Stitch length up to 9mm (10mm in case of LU-1508H)
		213-49204 (needle hole: 2.5 × 3.5) (groove in front and back) 	6.2 3.5 20 2.5 Equipped on LU-1510-7 Stitch length up to 9mm
Lower fittings standard	B1109-053-00A (area: 31.7 × 6.6) 	B1613-563-000 (needle hole: 2.5 × 7.2) (groove at back) 	6.2 7.2 20 2.5 Equipped on LU-563N Stitch length up to 9mm Not applicable to LU-1510-7
Lower fittings (no groove)		B1613-053-000 (needle hole: 2.5 × 7.2) (No groove) 	6.2 7.2 20 2.5 Stitch length up to 9mm Not applicable to LU-1510-7
Lower fittings for thin needle		B1613-563-B00 (needle hole: 2.4) B1613-053-B00 (needle hole: 1.9) 	6.2 D 20 2.5 Stitch length up to 9mm Not applicable to LU-1510-7
Fitting for piping	B1109-562-A00 (area: 31.7 × 8.8) 	B1613-562-A00 (needle hole: 2.5 × 8) 	8.5 20 2.5 Stitch length up to 9mm Not applicable to LU-1510-7
Lower fittings for tape binding	B1109-563-C00 (area: 30.2 × 6.8) 	B1613-563-C00 (needle hole: 2.5) 	6.4 13.5 Stitch length up to 7mm Not applicable to LU-1510-7

Description	Presser foot	Walking foot	Notes
Upper fittings standard	B1525-241-HA0 	B1470-241-H00 (width: 6.2, needle hole: 2.8) 	Equipped on LU-1508, LU-1508H LU-1510, LU-1510-7 Stitch length up to 10mm
		D1470-241-E0A (width: 6.2, needle hole: 2.8) (front-open) 	Stitch length up to 10mm
		213-50004 (width: 6.2, needle hole: 2.8) (with groove, teeth at the toe) 	Stitch length up to 10mm Suitable for thick thread.
	B1525-053-0A0 	B1470-053-000 (width: 4.5, needle hole: 2.8) 	Stitch length up to 10mm.
		B1470-053-C00 (width: 4.5, needle hole: 2.3) 	Stitch length up to 10mm
Upper fittings left handed	B1524-245-0A0 (width: 9.6mm) 	B1470-245-000 (width: 6, needle hole: 2.2) (front-open) 	Stitch length up to 6mm
	B1529-245-0AC (width: 7.7mm) (with groove) 	B1476-245-00C (width: 5.7, needle hole: 2.3) (with teeth) 	Stitch length up to 6mm

Description	Presser foot	Walking foot	Notes
Upper fittings left handed	B1529-245-0AD (width 6.7mm) (with teeth) 	B1476-245-00D (width 4.1, needle hole: 2.6) (with teeth) 	Stitch length up to 8mm
	B1525-563-SAD (width 9.4mm) (with teeth) 	103-38309 (width 4.5, needle hole: 2.2) (with teeth at the toe) 	Stitch length up to 10mm
Upper fittings for binding	MAQ-093080A0 (width 17mm) (with teeth) 	MAN-10452000 (width 13.5, needle hole: 2.5) (with teeth at the toe) 	Stitch length up to 10mm
		MAQ-09307000 (width 13.5, needle hole: 2.5) 	Stitch length up to 10mm
	MAQ-092080A0 (width 13.5mm) (with teeth) 	MAQ-09207000 (width 10, needle hole: 2.5) 	Stitch length up to 10mm
Upper fittings right handed	B1529-245-00A (width 9.5mm) (with teeth) 	B1476-245-00A (width 5.5, needle hole: 2.6) (with teeth) 	Stitch length up to 8mm
Upper fittings wide	B1525-563-E00 	B1470-563-E00 (width 10, needle hole: 2.5 x 5) 	Stitch length up to 10mm
	103-25157 	103-25306 (width 8, needle hole: 2.3) 	Stitch length up to 10mm
	103-26304 	103-26205 (width 8, needle hole: 2.3) 	Stitch length up to 6mm
Upper fittings for piping	B1530-245-0A * : [D, F, H, K] 	B1478-245-000 (width 4.5, needle hole: 2.1) (universal, regardless of size) 	Stitch length up to 8mm Selection of presser foot: C : 4.0mm (5/32") D : 4.8mm (3/16") F : 6.4mm (1/4") H : 7.9mm (5/16") K : 9.5mm (3/8")
	B1527-245-00 * : [C, D, F, H, K] 	B1474-245-00 * : [D, F, H, K] (width 13, needle hole: 2.4) (with teeth) 	Stitch length up to 8mm Selection of presser foot: C : 4.0mm (5/32") D : 4.8mm (3/16") F : 6.4mm (1/4") H : 7.9mm (5/16") K : 9.5mm (3/8")
	B1525-245-0A * : [D, F, H, K] (width 16.6mm) (with teeth) 	B1472-245-00 * : [D, F, H, K] (width 8.2, needle hole: 2.7) (with teeth) 	Stitch length up to 8mm Selection of presser foot: D : 4.8mm (3/16") F : 6.4mm (1/4") H : 7.9mm (5/16") K : 9.5mm (3/8")
Upper fittings for piping (back cut)	B1531-245-0A * : [D, F, H] 	B1479-245-00 * : [D, F, H] (width 5.9, needle hole: 2.4) 	Stitch length up to 8mm Selection of presser foot: D : 4.8mm (3/16") F : 6.4mm (1/4") H : 7.9mm (5/16")
Upper fittings for piping (double groove)	B1528-245-00 * : [B, D, F, H, K] 	B1575-245-00B (width 4.5, needle hole: 2.1) (universal, regardless of size) 	Stitch length up to 8mm Selection of presser foot: (width) B : 3.2mm (1/8") -19.0mm D : 4.8mm (3/16") -19.0mm F : 6.4mm (1/4") -19.0mm H : 7.9mm (5/16") -24.0mm K : 9.5mm (3/8") -22.5mm

2-needle, Unison-feed, Lockstitch Machine with Vertical-axis Large Hooks

LU-1560 (with an automatic lubricating mechanism)

LU-1565 (with an organized split needle bar)

LU-1560-7 (with an automatic lubricating mechanism and an automatic thread trimmer)

- The new mechanism with a rectangular feeding motion promises consistent feed of materials of all thickness without the risk of stitch gathering.

The reduced lift of the feed dog helps prevent the material from flopping and reduces operating noise and vibration.

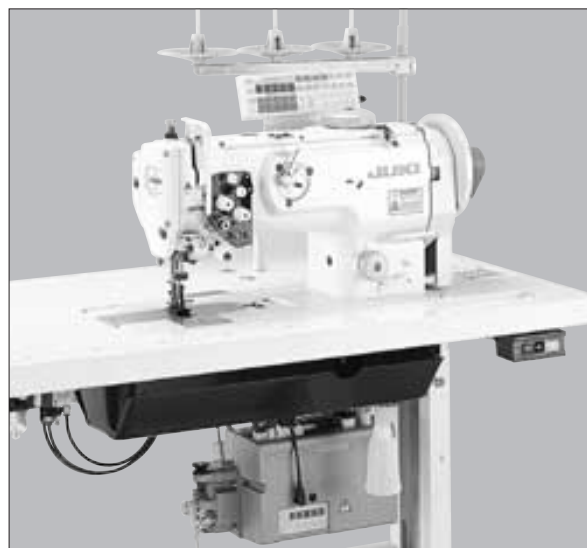
Rectangular feed LU-1560, LU-1565, LU-1560-7

Compared with the elliptical feed, the rectangular feed helps reduce gathered stitches.

- With the adoption of a new rectangular feed mechanism, an alternating vertical movement mechanism, and a unison feed mechanism, the machine can feed heavy-weight materials powerfully and smoothly. Well tensed seams are consistently produced without pitch errors.
- The machine has adopted a new mechanism that does not change the ratio of alternate vertical movement of the walking foot and presser foot even when the material thickness changes. Even when a heavy-weight material is used, the presser foot lift does not decrease. This means that the presser foot comes into contact with the material at exactly the same time that it does when sewing lighter-weight sections of the material. As a result, the walking foot retains the material with a consistent pressure to prevent irregular stitches.

● **LU-1560, LU-1560-7**

- Automatic lubricating mechanism improves maintainability. The sub oil pan and double filter prevent dust from entering the oil.



LU-1560-7-0BB/XC-E500

● **LU-1560-7**

- The machine comes with JUKI's proven thread trimming mechanism. With its robust knife and cam configuration, the thread trimmer reliably cuts threads as thick as #5.
- The vertical strokes of presser foot and walking foot (their alternating vertical movement) can be easily changed using a large dial mounted on the top surface of the machine head.
- In addition the sewing speed is automatically adjusted with the set value. With this feature, ideal sewing conditions are maintained at all times.

● **LU-1565**

- The organized split needle bar mechanism makes it possible to stop or reset the left or right needle by operating a one-touch utility lever.
- The machine produces neatly finished stitches at corner parts of the material.

WHEN YOU PLACE ORDERS

● Without an automatic thread trimmer

LU-1560

Needle gauge*	Code
4.8mm (3/16")	D
6.4mm (1/4")	F
7.9mm (5/16")	H
9.5mm (3/8")	K
12.7mm (1/2")	L

LU-1565

Needle gauge*	Code
4.8mm (3/16")	D
6.4mm (1/4")	F
7.9mm (5/16")	H

● With an automatic thread trimmer

LU-1560 -7-0B

Needle gauge*	Code
4.8mm (3/16")	D
6.4mm (1/4")	F
7.9mm (5/16")	H
9.5mm (3/8")	K
12.7mm (1/2")	L

Pneumatic auto-lifter	Code
Knee switch type (AK119A)	A
Pedal switch type (AK119B)	B
Not provided	

* The needle gauge (attached with a circle ()) in the table below are prepared as optional parts (separately available).

Model name	Needle gauge											
	3.2mm (1/8")	4.8mm (3/16")	6.4mm (1/4")	7.9mm (5/16")	9.5mm (3/8")	12.7mm (1/2")	15.9mm (5/8")	19.1mm (3/4")	22.2mm (7/8")	25.4mm (1")	28.6mm (1-1/8")	31.8mm (1-1/4")
LU-1560												
LU-1560-7												-
LU-1565	-											-

● PSC box/control panel for SC

SC-380- -

PSC box			Code
For General Export	Single-phase	220 ~ 240V	07
	3-phase	200 ~ 220V	11
* For JUS (LA)	Single-phase	110 ~ 120V	37
	3-phase	220 ~ 240V	38
For CE	Single-phase	220 ~ 240V	34

Control panel		Code
Not provided		00000
Control panel display language: English. Instruction manual comes in three different languages.		E500B
Control panel display language: English. Instruction manual comes in five different languages.		E500C

● Motor for SC

M

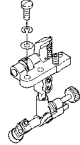
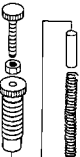
Motor			Code
For General Export	Single-phase	200 ~ 240V	60
	3-phase	200 ~ 240V	60
* For JUS (LA)	Single-phase	100 ~ 120V	61
	3-phase	200 ~ 240V	62
For CE	Single-phase	200 ~ 240V	63

* JUS: North America and Central and South America.

SPECIFICATIONS

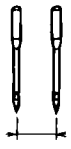
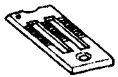
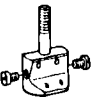


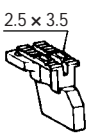


Model name	LU-1560	LU-1560-7	LU-1565
		With an automatic thread trimmer	With an organized split needle bar
Application	For heavy-weight materials		
Max. sewing speed	2,500rpm		2,000rpm
Max. stitch length	9mm (normal/reverse feed)		
Needle bar stroke	36mm		33.4mm
Lift of the presser foot	By hand: 9mm, By knee: 16mm (max.)		By hand: 9mm, By knee: 13mm (max.)
Needle gauge (mm)	4.8, 6.4, 7.9, 9.5, 12.7 (3/16", 1/4", 5/16", 3/8", 1/2")		4.8, 6.4, 7.9 (3/16", 1/4", 5/16")
Organized spilt needle bar	Provide as standard		
Alternating vertical movement	2.5 ~ 6.5mm	1 ~ 6.5mm	2.5 ~ 6.5mm
Dial for adjustment of alternating vertical movement	Provide as standard		
Thread take-up	Slide type		
Hook	Vertical-axis double-capacity hook		
Needle (at the time of delivery)	135 × 17 (Nm160) Nm125 ~ Nm180 or DP × 17 #23		
Thread	#30 ~ #5, B46 ~ B138, Nm=60/3 ~ 30/3		
Feed dog motion	Rectangular		
Handwheel	Large, aluminum		
Pitch changing method	By dial		
Bobbin winder	Built on the machine head		
Knee-lifter mechanism	Built on the machine head		
Safety mechanism	Provided as standard		
Lubrication	Automatic		By an oiler (hook: automatic)
Lubricating oil	JUKI New Defrix Oil No.1 (equivalent to ISO VG7)		
Distance from needle to machine arm/Bed size	255mm/517mm × 178mm		
Weight of the machine head	45kg	51kg	45kg
One-touch type reverse feed function	Option	Provided as standard	Option
Compressed air and air consumption	0.5MPa (5kgf/cm ²), 0.3Nℓ/min		
Power requirement	Single-phase 110 ~ 120V, 220 ~ 240V 3-phase 200 ~ 220V, 220 ~ 240V		

OPTIONS

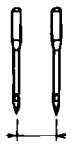

Model	Part No.	Description	Feature
AK119A	GAK-A19010A0	Knee switch type	Applicable model: LU-1560-7
AK119B	GAK-A19010B0	Pedal switch type	
AK120A	GAK-A20010A0	Knee switch type	Applicable model: LU-1560, LU-1565
AK120B	GAK-A20010B0	Pedal switch type	
	213-48552	Pneumatic one-touch type reverse feed stitching device (provided with an air regulator)	Applicable model: LU-1560, LU-1565 * To use an auto-lifter and reverse feed stitching device in combination, select AK119A or AK119B
H152	MAH-152010A0	Suspended ruler	
	SS-7151610-SP × 2		
	WP-0621016-SD × 2		
	WP-0610002-KN × 2		
	MAY-BL6B10A0	Core dia. 6 ~ 10mm	Piping holder
	MAY-BL6B20A0	Core dia. 2 ~ 5mm	
PK75		3-pedal unit	Applicable model: LU-1560-7 Highly operable 3-pedal unit for standing work.
	210-06507	Additional spring for presser bar	
	NS-6110530-SP		
	210-06408		
	210-16101		
	210-06002 × 3		

EXCHANGEABLE GAUGE PARTS

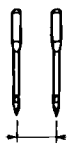

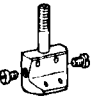


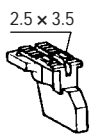


LU-1560

Code	Needle gauge size	Throat plate	Needle clamp asm.	Presser foot asm.	Walking foot asm. Needle hole 2.5 with groove	Feed dog Needle hole 2.5 × 3.5	Slide plate, left	Slide plate, right
								
	3.2mm (1/8")	213-68709	213-71554	213-70853	213-72255	213-69400		
D	4.8mm (3/16")	213-66109	213-68154	213-67651	213-72354	213-66604		
F	6.4mm (1/4")	213-66208	213-68253	213-67750	213-72453	213-66703	213-65606	213-65002
H	7.9mm (5/16")	213-66307	213-68352	213-67859	213-72552	213-66802		
K	9.5mm (3/8")	213-66406	213-68451	213-67958	213-72651	213-66901		
L	12.7mm (1/2")	213-66505	213-68550	213-68055	213-72750	213-67008		
	15.9mm (5/8")	213-68808	213-71653	213-70952	213-72859	213-69509	213-65705	213-65101
	19.1mm (3/4")	213-68907	213-71752	213-71059	213-72958	213-69608		
	22.2mm (7/8")	213-69004	213-71851	213-71158	213-73055	213-69707		
	25.4mm (1")	213-69103	213-71950	213-71257	213-73154	213-69806	213-65804	213-65200
	28.6mm (1-1/8")	213-69202	213-72057	213-71356	213-73253	213-69905		
	31.8mm (1-1/4")	213-69301	213-72156	213-71455	213-73352	213-70002		

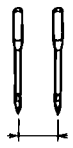





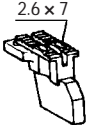
LU-1560

Code	Needle gauge size	Walking foot asm. Needle hole 2.6 × 7 slit
		 (option)
	3.2mm (1/8")	213-73451
D	4.8mm (3/16")	213-73550
F	6.4mm (1/4")	213-73659
H	7.9mm (5/16")	213-73758
K	9.5mm (3/8")	213-73857
L	12.7mm (1/2")	213-73956
	15.9mm (5/8")	213-74053
	19.1mm (3/4")	213-74152
	22.2mm (7/8")	213-74251
	25.4mm (1")	213-74350
	28.6mm (1-1/8")	213-74459
	31.8mm (1-1/4")	213-74558

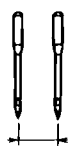



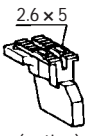
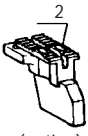
LU-1560-7

Code	Needle gauge size	Throat plate	Needle clamp asm.	Presser foot asm.	Walking foot asm. Needle hole 2.5	Feed dog Needle hole 2.5 × 3.5	Slide plate, left	Slide plate, right
								
	3.2mm (1/8")	213-68709	213-71554	213-70853	213-70150	213-69400		
D	4.8mm (3/16")	213-66109	213-68154	213-67651	213-67156	213-66604		
F	6.4mm (1/4")	213-66208	213-68253	213-67750	213-67255	213-66703	213-65606	213-65002
H	7.9mm (5/16")	213-66307	213-68352	213-67859	213-67354	213-66802		
K	9.5mm (3/8")	213-66406	213-68451	213-67958	213-67453	213-66901		
L	12.7mm (1/2")	213-66505	213-68550	213-68055	213-67552	213-67008		
	15.9mm (5/8")	213-68808	213-71653	213-70952	213-70259	213-69509	213-65705	213-65101
	19.1mm (3/4")	213-68907	213-71752	213-71059	213-70358	213-69608		
	22.2mm (7/8")	213-69004	213-71851	213-71158	213-70457	213-69707		
	25.4mm (1")	213-69103	213-71950	213-71257	213-70556	213-69806	213-65804	213-65200
	28.6mm (1-1/8")	213-69202	213-72057	213-71356	213-70655	213-69905		

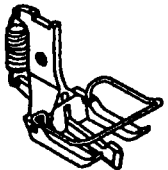
LU-1565

Code	Needle gauge size	Throat plate	Needle clamp asm., left	Needle clamp asm., right	Presser foot asm.	Walking foot asm. Needle hole 2.6 × 7 with groove & teeth	Feed dog Needle hole 2.6 × 7
							
D	4.8mm (3/16")	B1109-521-D00	B1402-526-DALA	B1402-526-DARA	213-67651	B1470-521-D00	B1613-521-D00
F	6.4mm (1/4")	B1109-521-F00	B1402-526-FALA	B1402-526-FARA	213-67750	B1470-521-F00	B1613-521-F00
H	7.9mm (5/16")	B1109-521-H00	B1402-526-HALA	B1402-526-HARA	213-67859	B1470-521-H00	B1613-521-H00
	9.5mm (3/8")	B1109-521-K00	B1402-526-KALA	B1402-526-KARA	213-67958	B1470-521-K00	B1613-521-K00
	12.7mm (1/2")	B1109-521-L00	B1402-526-LALA	B1402-526-LARA	213-68055	B1470-521-L00	B1613-521-L00

LU-1565

Code	Needle gauge size	Slide plate, left	Slide plate, right	Walking foot asm. Needle hole 2.6 × 7 slit	Feed dog Needle hole 2.6 × 5	Feed dog Needle hole 2
				 (option)	 (option)	 (option)
D	4.8mm (3/16")	B1112-521-E00	213-77304	213-73550	B1613-521-D0A	B1613-521-DOB
F	6.4mm (1/4")			213-73659	B1613-521-F0A	B1613-521-F0B
H	7.9mm (5/16")			213-73758	B1613-521-H0A	B1613-521-H0B
	9.5mm (3/8")			213-73857	B1613-521-K0A	B1613-521-K0B
	12.7mm (1/2")	B1112-521-J00		213-73956	B1613-521-L0A	B1613-521-L0B

LU-1560, LU-1560-7, LU-1565 (option)

Description	Presser foot	Walking foot	Notes
Upper fittings for french-seam (with center guide)		(a) 213-72552 (needle hole: 2.5) (with groove)	For LU-1560 and LU-1565. Needle distance: (a) 7.9mm (5/16") (b) 9.5mm (3/8") (c) ... 12.7mm (1/2")
		(b) 213-74756 (needle hole: 2.5) (with groove)	
(c) 213-74855 (needle hole: 2.5) (with groove)			
		(a) 213-67354 (needle hole: 2.5) (with groove)	For LU-1560-7. Needle distance: (a) 7.9mm (5/16") (b) 9.5mm (3/8") (c) ... 12.7mm (1/2")
		(b) 213-67453 (needle hole: 2.5) (with groove)	
		(c) 213-67552 (needle hole: 2.5) (with groove)	

High-speed, 1-needle, Unison-feed, Lockstitch Machine with a Large Hook and an Automatic Thread Trimmer

LU-2210N-7 (1.6 fold-capacity hook)

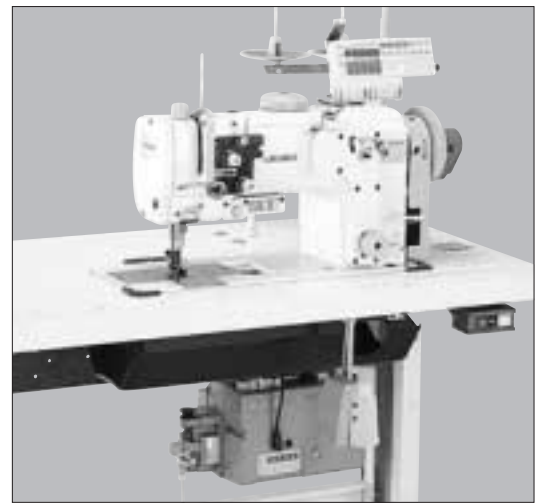
LU-2210W-7 (double-capacity hook)

High-speed, 2-needle, Unison-feed, Lockstitch Machine with Large Hooks and an Automatic Thread Trimmer

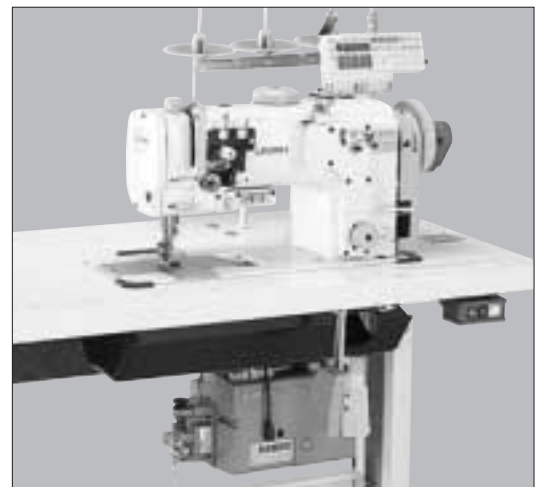
LU-2260N-7 (1.6 fold-capacity hook)

LU-2260W-7 (double-capacity hook)

- Thanks to its remarkable feed efficiency and improved feed cam unit, the machine smoothly feeds materials at high speeds while preventing stitch gathering. The machine is also equipped with a new box-type feed locus that enables the production of beautifully finished seams free from material flopping.
- The rigid movement of the knife-driving shaft and ideal shape of the cam enable the thread trimmer to trim thread as thick as #5. Further-more, no adjustment is necessary after changing the thread count.
- The vertical strokes of the presser foot and walking foot (their alternating vertical movement) can be easily changed using a large dial mounted on the top surface of the machine head. In addition, the sewing speed is automatically adjusted with the set value. With this feature, ideal sewing conditions are maintained at all times.
- The LU-2210N-7 and -2260N-7 are equipped with a vertical-axis 1.6 fold-capacity hook, and the LU-2210W-7 and -2260W-7 with a vertical-axis double-capacity hook. These hooks promote highly efficient operation by reducing the frequency of bobbin thread replacement.



LU-2210N-7-0B/XC-E500



LU-2260N-7-0B/XC-E500

SPECIFICATIONS

Model name	LU-2210N-7	LU-2210W-7	LU-2260N-7	LU-2260W-7
	1-needle		2-needle	
Max. sewing speed	3,500rpm			
Max. stitch length	9mm (normal/reverse feed)		6mm (normal/reverse feed)	
Needle bar stroke	33.8mm			
Needle gauge (mm)			6, 8, 10 (standard), 12, 20*	
Lift of the presser foot	By hand: 9mm, By knee: 16mm (max)			
Auto lifter	Provided as standard (pneumatic auto-lifter : AK79)			
Thread take-up	Link type			
Alternating vertical movement	1 ~ 6.5mm			
Hook	Vertical-axis 1.6 fold-capacity hook	Vertical-axis double-capacity hook	Vertical-axis 1.6 fold-capacity hook	Vertical-axis double-capacity hook
Needle (at the time of delivery)	134 × 35 (Nm140) Nm100 ~ Nm180		134 × 35 (Nm140) Nm100 ~ Nm160	
Thread	#30 ~ #4, B46 ~ B138, Nm=60/3 ~ 20/3		#20 ~ #5, B64 ~ B138, Nm=40/3 ~ 20/3	
Lubrication	Automatic			
Lubricating oil	JUKI New Defrix Oil No.1 (equivalent to ISO VG7)			
Distance from needle to machine arm	264mm			
Bed size	517mm × 178mm			
Weight of the machine head	55kg		58kg	
Automatic reverse feed function	Provide as standard			
Compressed air and air consumption	0.5MPa (5kgf/cm ²), 0.3Nℓ /min			
Power requirement	Single-phase 100 ~ 120V, 220 ~ 240V 3-phase 200 ~ 220V, 220 ~ 240V			

* Configured for needle gauge widths from 4mm to 36mm (LU-2260N-7) and 4mm to 30mm (LU-2260W-7).
Note that gauges not given above are also available on special order.

WHEN YOU PLACE ORDERS

Feed dog	Code
Standard (with groove)	S
Without groove	A
For thin thread (2.5mm × 1.6mm)	W

DL function	Code
Provided with DL function/push button type	A
Provided with DL function/knee switch type	B
Not provided with DL function	Z

LU-2210 -7-0B

Hook	Code
1.6 fold-capacity hook	N
Double-capacity hook	W

Walking foot	Code
Standard	A
For urethane	B
Right single-sided presser	C
Left single-sided presser	D
For piping 3mm	E
For piping 4mm	F
For piping 5mm	G
For piping 6mm	H
Adjustable type for piping 3mm	J
Adjustable type for piping 4mm	K
Adjustable type for piping 5mm	L
Adjustable type for piping 6mm	M

Presser foot	Code
Standard	A
For material with overlapped sections	B
For urethane	C
Right single-sided presser	D
Left single-sided presser	E
For piping 3mm	F
For piping 4mm	G
For piping 5mm	H
For piping 6mm	J
Pressing face is reduce	K

LU-2260 S S -7-0B

Hook	Code
1.6 fold-capacity hook	N
Double-capacity hook	W

Stitch length	Code
6mm	S

Needle gauge	Code
6mm	B
8mm	C
10mm (standard)	D
12mm	E
20mm	J

Walking foot/ Presser foot/feed dog	Code
Standard	S

DL function	Code
Provided with DL function/push button type	A
Provided with DL function/knee switch type	B
Not provided with DL function	Z

● PSC box/control panel for SC

SC-380- -

PSC box			Code
For General Export	Single-phase	220 ~ 240V	07
	3-phase	200 ~ 220V	11
For JUS (LA)*	Single-phase	110 ~ 120V	37
	3-phase	220 ~ 240V	38
For CE	Single-phase	220 ~ 240V	34

Control panel	Code
Not provided	00000
Control panel display language: English. Instruction manual comes in three different languages.	E500B
Control panel display language: English. Instruction manual comes in five different languages.	E500C

● Motor for SC



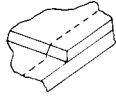





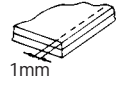
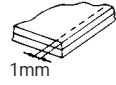
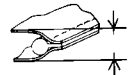
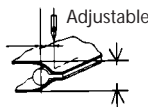
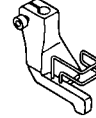


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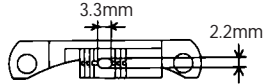
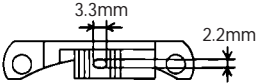
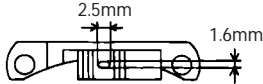
Motor			Code
For General Export	Single-phase	220 ~ 240V	60
	3-phase	220 ~ 240V	
For JUS (LA)*	Single-phase	110 ~ 120V	61
	3-phase	220 ~ 240V	62
For CE	Single-phase	220 ~ 240V	63

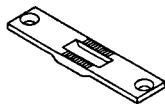
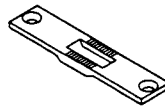
* JUS: North America and Central and South America.

INTERCHANGEABLE GAUGE PARTS



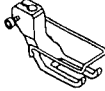

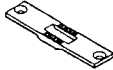
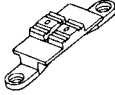
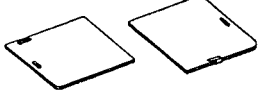
LU-2210N-7, LU-2210W-7

Sewing conditions		Walking foot		Presser foot	
Standard 		A	Standard	A	Standard
		107-11653		107-12552	
		K	Standard (pressing face is reduced)	107-58456	
		B	For material with overlapped section	107-12651	
For material with overlapped section Allows the smooth feed of multi-layered portions of the material 		107-12750		C	For urethane
For light-weight sponge Used for resilient materials including sponge 		107-11752		107-12750	
For heavy-weight sponge Used for more resilient materials Thick 		B	For urethane	107-12750	
Right single-sided presser Used for sewing material edges 		C	Right single-sided presser	D	Right single-sided presser
1mm		107-11851		107-12859	
Left single-sided presser Used for sewing material edges 		D	Left single-sided presser	E	Left single-sided presser
1mm		107-11950		107-12958	
For piping Used for the general piping process 		E ~ H	For piping	F ~ J For piping	
For piping The position of the needle can be adjusted according to the pipe to be sewn Adjustable		J ~ M	Adjustable presser for piping		
Wide type To be used when a sewing product cannot be smoothly fed 		(special order)		(special order)	
		107-12057		107-13055	

Feed dog					
					
107-17106		107-17205		107-17304	
S	Standard	A	Without a groove Used when the needle thread does not interlace consisting with the bobbin thread at the start of sewing.	B	For thin thread
				Wide type (special order)	

Throat plate	
	
107-01704	107-02009
Standard	Wide type (special order)

LU-2260N-7, LU-2260W-7

Needle gauge	Typical* part Nos.	Needle clamp	Presser foot	Walking foot	Needle plate	Feed dog	Slide plate	
							Left	Right
								
4mm (special order)	107-84551	107-77555	107-81557	107-83058	107-84502	107-80005	107-86309	107-01803
6mm	107-84650	107-77654	107-81656	107-83157	107-84601	107-80104		
8mm	107-84759	107-77753	107-81755	107-83256	107-84700	107-80203		
10mm (special order)	107-84858	107-77852	107-81755	107-83355	107-84809	107-80302	107-86408	107-86002
12mm	107-84957	107-77951	107-80401	107-83454	107-84908	107-80401		
14mm (special order)	107-85053	107-78058	107-82050	107-83553	107-85004	107-80500		
16mm (special order)	107-85152	107-78157	107-82159	107-83652	107-85103	107-80609		
18mm (special order)	107-85251	107-78256	107-82258	107-83751	107-85202	107-80708		
20mm	107-85350	107-78355	107-82357	107-83850	107-85301	107-80807	107-86507	107-86101
22mm (special order)	107-85459	107-78454	107-82456	107-83959	107-85400	107-80906		
24mm (special order)	107-85558	107-78553	107-82555	107-84056	107-85509	107-81003		
30mm (special order)	107-85657	107-78652	107-82654	107-84155	107-85608	107-81102		
36mm (special order)	107-85756	107-78751	107-82753	107-84254	107-85707	107-81201		
							107-86606	107-86200

* The right and left slide plates are not included in the parts represented by the typical part numbers.

OPTIONS

Model name	Feature
DL device	A function to instantaneously change over the alternating vertical movement of the walking foot and presser foot (DL) is optionally available with the machine. With this function, the alternating vertical movement of the walking foot and presser foot can be changed over to the maximum value simply by turning on the switch.



Push-button type

ATTACHMENT

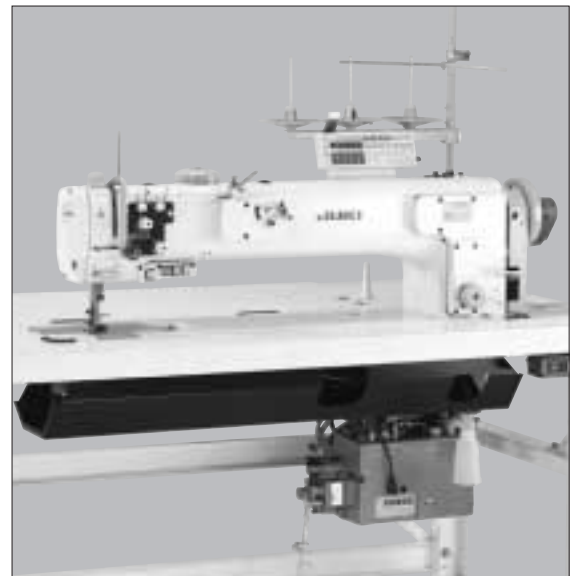
Part name	Part No.
H152 (suspended ruler)	MAH-152010A0

Long-arm, Unison-feed, Lockstitch Machine
with a Vertical-axis Large Hook and an Automatic Thread Trimmer

LU-2216N-7 (1-needle)

LU-2266N-7 (2-needle)

- Both the LU-2216N-7 (1-needle) and LU-2266N-7 (2-needle) achieve the maximum sewing speed of 3,000rpm. With this capability, the machine demonstrates higher productivity when sewing long lengths of materials.
- With the long distance from the machine arm to the center of the needle, a full 650mm, the machine is ideally suited to reinforcement stitching processes for attaching tape and intermediate sewing processes such as topstitching for large work pieces.
- With its powerful feed and optimal feed locus, the machine smoothly feeds materials without stitch gathering even when running at a higher sewing speed.
- The standard machine lets the operator adjust the vertical stroke of the walking foot and presser foot (DL device).
In processes such as the sewing of heavy-weight materials or hard-to-feed multi-layered portions, a press on the DL switch instantly changes over the vertical stroke of the walking foot and presser foot.
The result is beautifully produced seams without stitch gathering.
- The vertical stroke of the walking foot and presser foot can be easily set and changed.



LU-2266N-7-0B/XC-E500



SPECIFICATIONS

Model name	LU-2216N-7	LU-2266N-7
	1-needle	2-needle
Max. sewing speed	3,000rpm	
Max. stitch length	9mm (normal/reverse feed)	6mm (normal/reverse feed)
Needle bar stroke	36mm	
Needle gauge	10mm (standard)	
Lift of the presser foot	By hand: 9mm, Auto: 16mm	
Auto lifter	Provide as standard (pneumatic auto-lifter: AK115)	
Thread take-up	Link type	
Alternating vertical movement	1 ~ 6.5mm	
DL device	Provide as standard	
Hook	Vertical axis 1.6 fold-capacity hook	
Needle (at the time of delivery)	134 × 35 (Nm140) Nm100 ~ Nm180	134 × 35 (Nm140) Nm100 ~ Nm160
Thread	#30 ~ #4, B46 ~ B138, Nm=60/3 ~ 20/3	#20 ~ #5, B69 ~ B138, Nm=40/3 ~ 20/3
Lubrication	Automatic	
Lubricating oil	JUKI New Defrix Oil No.1 (equivalent to ISO VG7)	
Distance from needle to machine arm	650mm	
Bed size	917mm × 178mm	
Weight of the machine head	90kg	95kg
Automatic reverse feed function	Provide as standard	
Compressed air and air consumption	0.5MPa (5kgf/cm ²), 0.3Nℓ/min.	
Power requirement	Single-phase 110 ~ 120V, 220 ~ 240V, 3-phase 200 ~ 220V, 220 ~ 240V	

WHEN YOU PLACE ORDERS

LU-2216NAASB-7-0B

Walking foot	Code	Presser foot	Code	Feed dog	Code
Standard*	A	Standard*	A	Standard*	S

* Any gauge other than the standard is available on a part order. (See the table of replaceable gauges.)

LU-2266NSDSB-7-0B

Needle gauge	Code	Walking foot Presser foot Feed dog	Code
10mm (standard)*	D	Standard*	S

● PSC box/control panel for SC

SC-380- -

PSC box			Code
For General Export	Single-phase	220 ~ 240V	07
	3-phase	200 ~ 220V	11
For JUS (LA)*	Single-phase	110 ~ 120V	37
	3-phase	220 ~ 240V	38
For CE	Single-phase	220 ~ 240V	34

Control panel	Code
Not provided	00000
Control panel display language: English. Instruction manual comes in three different languages.	E500B
Control panel display language: English. Instruction manual comes in five different languages.	E500C

* JUS: North America and Central and South America.

● Motor for SC

M

Motor			Code
For General Export	Single-phase	220 ~ 240V	60
	3-phase	220 ~ 240V	60
For JUS (LA)*	Single-phase	110 ~ 120V	61
	3-phase	220 ~ 240V	62
For CE	Single-phase	220 ~ 240V	63

GAUGE PARTS

● Some gauge used in the LU-2210N/-2260N Series

The gauge (hook, bobbincase, walking foot, presser foot and feed) used in the LU-2210N/-2260N series is also used in this model.

All of the parts used in your LU-2210N/-2260N sewing machines can also be used in the LU-2216N/-2266N machines. In addition, the knife and thread tension components are also the same.

ATTACHMENT

Part name	Part No.
H152 (suspended ruler)	MAH-152010A0

1-needle, Top & Bottom-feed, Long-arm, Lockstitch Machine

DU-580

- Free space under the arm is as wide as 500mm. Thanks to this wide free space under the arm, the machine is widely applicable to heavy-weight materials and long-sized materials.
- The efficiency of feed is doubled, thereby improving the ability of the feed mechanism to feed the material straight.
- The hinged walking foot and the feed dog feed the material placed between them, synchronizing with each other.
- The stitch length can be adjusted within the range of 0 to 9mm by using the dial. Thanks to this feature, this machine is widely applicable to the sewing of tents, which need to be sewn with coarse stitches, or long-sized materials including car seats, and materials sewn with a thick thread. Reverse feed stitches of the same length as the normal feed stitches can be sewn only by depressing the lever.
- Since the machine is equipped with a double-capacity hook, the frequency of bobbin replacement is reduced, thereby leading to higher efficiency.



DU-580

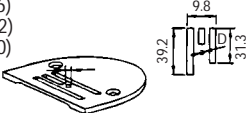

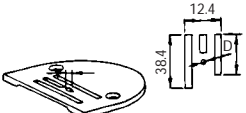


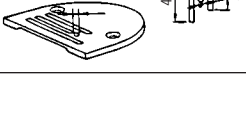

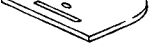

SPECIFICATIONS

Model name	DU-580
Max. sewing speed	1,500rpm
Max. stitch length	9mm (normal/reverse feed)
Needle bar stroke	35mm
Lift of the presser foot	By hand: 7mm, By knee: 15mm
Thread take-up	Link type
Alternating vertical movement	2 ~ 5mm
Hook	Horizontal-axis full-rotary double-capacity hook
Needle (at the time of delivery)	DB x 1 (DP x 17) (#21) #14 ~ #23, For JE: 1738 (Nm130)
Thread	#40 ~ #8, B33 ~ B92, Nm90/3 ~ 30/3
Lubrication	By an oiler (hook: automatic)
Lubricating oil	JUKI New Defrix Oil No.1 (equivalent to ISO VG7)
Distance from needle to machine arm	500mm
Bed size	715mm x 178mm
Weight of the machine head	49kg

WHEN YOU PLACE ORDERS

DU-580

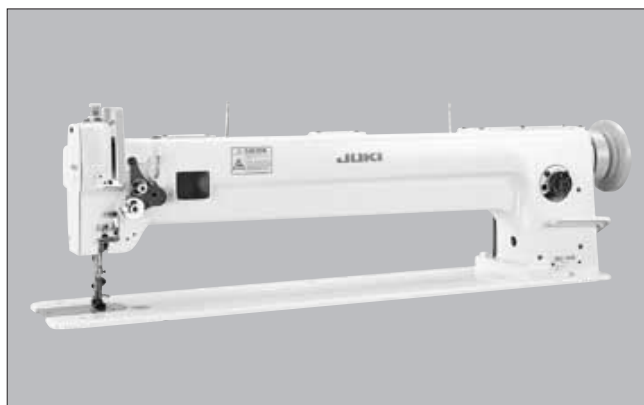
EXCHANGEABLE GAUGE PARTS

Description	Throat plate	Feed dog	Notes
Standard	D1109-560-E00 (D=2.6) D1109-560-E0A (D=4.2) D1109-560-E0B (D=3.0) 	D1613-560-E00 	Stitch length: max. 8mm
	B1109-201-H0B (D=3.5) B1109-555-H0B (D=2.6) 	B1609-201-000A 	Stitch length: max. 8mm
	B1609-201-000B 	Stitch length: max. 10mm	
Single-lined feed dog for sewing gloves and shoes	B1105-141-000 (D=2.0) B1105-141-H00 (D=2.6) 	B1613-141-H00A 	Stitch length: max. 9mm
	114-05800 	114-05701 	Exclusive parts Roller presser foot asm for DDL: B1524-560-RB0 Narrow type walking foot for DU: B1526-141-HAB B1526-141-H0T

1-needle, Unison-feed, Long Arm Lockstitch Machine with a Large Hook

DNU-261H

- With its unison-feed mechanism that ensures a smooth and steady feed of materials, the machine provides consistent seam quality with no material slippage.
- The alternating vertical movement of the walking foot and presser foot can be widely adjusted in the range of 3 to 6mm. With this feature, the machine is able to flexibly adapt to various kinds of heavy-weight materials.
- With the wide 635mm of free space under the arm, a large material can be sewn with spreading on the bed.
- The presser foot goes up as high as 15mm to ensure easy placements/removal of extra heavy-weight materials.
- Since the machine incorporates a horizontal-axis double-capacity hook, the frequency of bobbin thread replacement is reduced, further increasing efficiency.
- Stitch length is adjustable by up to 8mm with a stitch dial. The stitch length is also adjustable for reverse feed stitching.



DNU-261H



SPECIFICATIONS

Model name	DNU-261H
Max. sewing speed	1,500rpm
Max. stitch length	8mm (normal/reverse feed)
Needle bar stroke	38mm
Lift of the presser foot	By hand: 9mm, By knee: 15mm
Thread take-up	Slide type
Alternating vertical movement	3 ~ 6mm
Hook	Horizontal-axis full-rotary double-capacity hook
Needle (at the time of delivery)	DB x 17 (#23) #16 ~ #23, For JE: 135 x 17 (Nm160)
Thread	#40 ~ #8, B33 ~ B92, Nm=90/3 ~ 30/3
Lubrication	By an oiler (hook: automatic)
Lubricating oil	JUKI New Defrix Oil No.1 (equivalent to ISO VG7)
Distance from needle to machine arm	635mm
Bed size	850mm x 178mm
Weight of the machine head	59kg

WHEN YOU PLACE ORDERS

DNU-261H-□□ / □

Automatic reverse feed function	Code
Not provided	00
Provided	0B

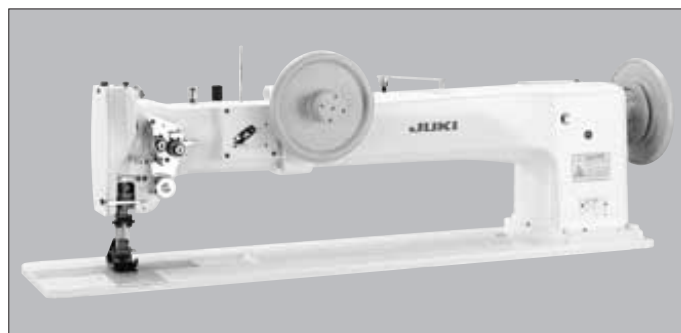
Pneumatic auto-lifter (optional)	Code
Knee switch type (AK70A)	A
Pedal switch type (AK70B)	B
Not provided	

Unison-feed, Long Arm Lockstitch Machine with Vertical-axis Large Hook

LG-158 (2-needle)

LG-158-1 (1-needle)

- With its 750mm wide space under the arm and a handwheel mounted at the middle of the arm, the machine is ideal for the sewing of heavy-weight materials such as tents and sheets. A large material can be sewn with spreading on the bed.
- With its unison-feed mechanism that ensures a smooth and steady feed of materials, the machine provides consistent seam quality with no material slippage. Eleven different kinds of needle gauges are prepared for the LG-158. The most suitable gauge for the current machine use can easily be selected.
- Since the machine incorporates a vertical-axis large hook, the frequency of bobbin thread replacement is reduced, further increasing efficiency.
- The bobbin winder is installed at the front face of the arm for easy operation.
- The presser foot goes up as high as 21.5mm to ensure easy placement/removal of extra heavy-weight materials.



LG-158



SPECIFICATIONS

Model name	LG-158	LG-158-1
	2-needle	1-needle
Max. sewing speed	1,500rpm	
Max. stitch length	10mm (normal/reverse feed)	
Needle bar stroke	46.9mm	
Needle gauge	Standard 19.1mm (3/4")	
Lift of the presser foot	By pedal: 21.5mm	
Thread take-up	Side type	
Alternating vertical movement	6 ~ 19mm	
Hook	Vertical-axis large hook	
Needle (at the time of delivery)	DD x 1 (#25)	
Thread	#20 ~ #5, B69 ~ B138, Nm=40/3 ~ 20/3	
Safety mechanism	Provided as standard	
Bobbin winder	Built on the machine arm	
Lubrication	By an oiler	
Lubricating oil	JUKI New Oil No.1 (equivalent to ISO VG7)	
Distance from needle to machine arm	750mm	
Bed size	1,088mm x 230mm	
Weight of the machine head	108kg	

WHEN YOU PLACE ORDERS

LG-158

LG-158-1

Needle gauge (mm)	Code
6.4 (1/4")	F
7.9 (5/16")	H
9.5 (3/8")	K
12.7 (1/2")	L
15.9 (5/8")	M
19.1 (3/4") Standard	N
25.4 (1")	Q
31.8 (1-1/4")	S
38.1 (1-1/2")	U
50.8 (2")	2
63.5 (2-1/2")	3

EXCHANGEABLE GAUGE PARTS

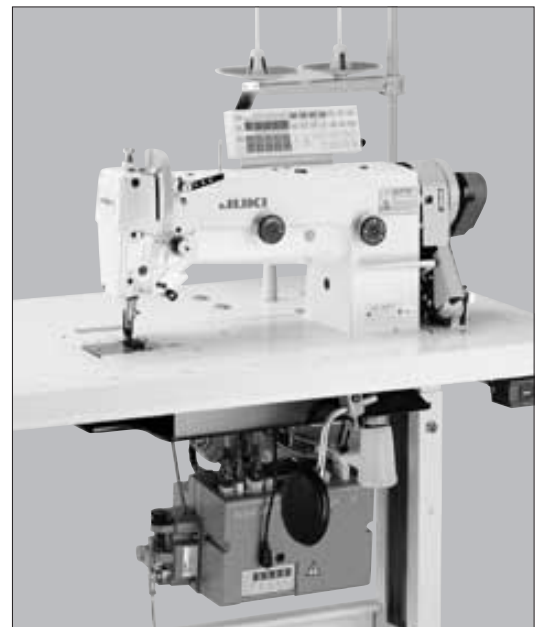
Needle gauge (mm)	Needle clamp asm.	Presser foot	Walking foot	Throat plate	Feed dog	Slide plate Left	Slide plate Right
6.4 (1/4")	B1401-057-FAB	B1525-057-F00	B1470-158-FB0	B1109-057-F00	B1613-057-F00	B1112-057-F00	B1113-057-F00
7.9 (5/16")	B1401-057-HAB	B1525-057-H00	B1470-158-HB0	B1109-057-H00	B1613-057-H00	B1112-057-H00	B1113-057-H00
9.5 (3/8")	B1401-057-KAB	B1525-057-K00	B1470-158-KB0	B1109-057-K00	B1613-057-K00	B1112-057-K00	B1113-057-K00
12.7 (1/2")	B1401-057-LAB	B1525-057-L00	B1470-158-LB0	B1109-057-L00	B1613-057-L00	B1112-057-L00	B1113-057-L00
15.9 (5/8")	B1401-057-MAB	B1525-057-M00	B1470-158-MB0	B1109-057-M00	B1613-057-M00	B1112-057-M00	B1113-057-M00
19.1 (3/4")	B1401-057-NAB	B1525-057-N00	B1470-158-NB0	B1109-057-N00	B1613-057-N00	B1112-057-N00	B1113-057-N00
25.4 (1")	B1401-057-QAB	B1525-057-Q00	B1470-158-QB0	B1109-057-Q00	B1613-057-Q00	B1112-057-Q00	B1113-057-Q00
31.8 (1-1/4")	B1401-057-SAB	B1525-057-S00	B1470-158-SB0	B1109-057-S00	B1613-057-S00	B1112-057-S00	B1113-057-S00
38.1 (1-1/2")	B1401-057-UAB	B1525-057-U00	B1470-158-UB0	B1109-057-U00	B1613-057-U00	B1112-057-U00	B1113-057-U00
50.8 (2")	B1401-057-2AB	B1525-057-200	B1470-158-2B0	B1109-057-200	B1613-057-200	B1112-057-200	B1113-057-200
63.5 (2-1/2")	B1401-057-3AB	B1525-057-300	B1470-158-3B0	B1109-057-300	B1613-057-300	B1112-057-300	B1113-057-300

1-needle, Lockstitch, Zigzag Stitching Machine with a Large Hook

LZH-1290

LZH-1290-7 (with an automatic thread trimmer)

- With its newly incorporated triangular cam, the machine uniformly tenses thread in zigzag strokes regardless of the needle position, and the needle always enters the material at right angles. This prevents the needle from swaying during zigzag stitching.
- The machine offers outstanding capabilities for the sewing of sports shoes and leather shoes that require a wider zigzag width. The zigzag width can be quickly and easily adjusted by the dial mounted on the front face of the machine.
- To ensure smooth sewing of heavy-weight materials, the lift of the presser foot is as high as 14mm (13mm for the LZH-1290-7).
- By reducing the frequency of bobbin thread replacement, the newly introduced horizontal-axis double-capacity hook contributes to increased efficiency in sewing. This feature is extremely helpful when sewing with thick thread.
- **LZH-1290-7**
The machine's unique thread trimmer mechanism allows the thread trimmer to cut the thread when the needle is either at the left or right end of its zigzag stroke. This mechanism also eliminates the need for adjustment even when the thread count is changed.



LZH-1290-7-OB/XC-E500



SPECIFICATIONS

Model name	LZH-1290	LZH-1290-7
Max. sewing speed	2,000rpm	
Max. stitch length	6mm (normal/reverse feed)	
Zigzag width	Max. 8mm (adjustable to 10mm)	
Zigzag width adjustment method	By dial	
Needle bar stroke	35mm	
Lift of the presser foot	By hand: 6mm, By knee: 14mm	By hand: 6mm, By knee: 13mm
Thread take-up	Link type	
Hook	Horizontal-axis full-rotary double-capacity hook	
Needle (at the time of delivery)	SY1906 (Nm110) Nm90 ~ Nm110	
Thread	#50 ~ #8, B33 ~ B92, Nm=120/3 ~ 30/3	
Lubrication	By an oiler (hook: automatic)	
Lubricating oil	JUKI New Defrix Oil No.1 (equivalent to ISO VG7)	
Distance from needle to machine arm	295mm	
Bed size	477mm × 178mm	
Weight of the machine head	35kg	39kg
Automatic reverse feed function	Provide as standard	
Power requirement	Single-phase 100 ~ 120V, 220 ~ 240V, 3-phase 200 ~ 220V, 220 ~ 240V	

WHEN YOU PLACE ORDERS

- Without an automatic thread trimmer

LZH-1290

- With an automatic thread trimmer

LZH-1290-7-0B/

Pneumatic auto-lifter	Code
Not provided	
Knee switch type (AK112C)	C
Pedal switch type (AK112B)	B

- Motor for SC

M

Motor			Code
For General Export	Single-phase 3-phase	220 ~ 240V	60
For JUS (LA) *	Single-phase	110 ~ 120V	61
	3-phase	220 ~ 240V	62
For CE	Single-phase	220 ~ 240V	63

- PSC box/control panel for SC

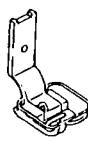
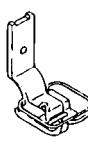
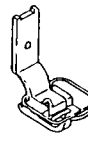
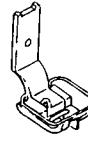
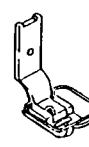
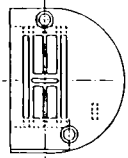
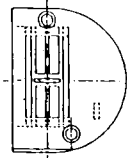
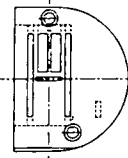
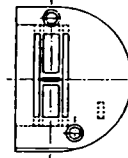
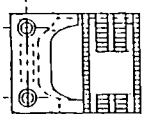
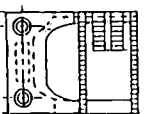
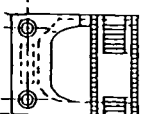
SC-380- -

PSC box			Code
For General Export	Single-phase	220 ~ 240V	07
	3-phase	200 ~ 220V	11
For JUS (LA) *	Single-phase	110 ~ 120V	37
	3-phase	220 ~ 240V	38
For CE	Single-phase	220 ~ 240V	34

Control panel		Code
Not provided		00000
Control panel display language: English. Instruction manual comes in three different languages.		E500B
Control panel display language: English. Instruction manual comes in five different languages.		E500C

* JUS: North America and Central and South America.

GAUGE

Type	Standard	For frictional* material	For zigzag* width of 10mm	Provided with* a center guide	3-row feed dog* *
Presser foot	100-86353 	100-86379 (pearl-bright finish) 	100-85751 	100-98051 	100-85850 
Throat plate	100-93300 		100-75505 	100-93318 	100-75711 
Feed dog	100-83301 			110-83319 	100-83525 
Remarks	Zigzag width: Max. 8mm	Zigzag width: Max. 8mm The pearl-bright finish presser foot has the same surface smoothness as the teflon-finish type, but its rigidity is markedly superior.	Zigzag width: Max. 10mm	Zigzag width: Max. 8mm	Zigzag width: Max. 6mm

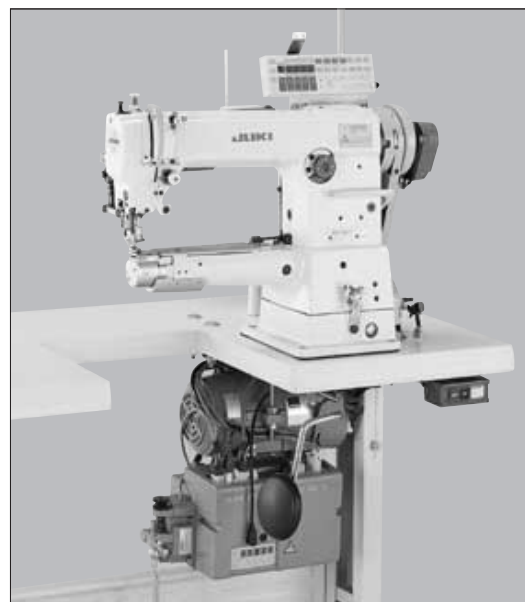
* Gauges other than the standard one are optionally available.

Cylinder-Bed, 1-needle, Top & Bottom-Feed, Lockstitch Machine

DSU-145

DSU-145-7 (with an automatic thread trimmer)

- The top & bottom-feed mechanism provides upgraded feed efficiency, feeding heavy-weight material steadily and smoothly. Even when the machine runs at a high speed, this highly accurate feed mechanism promises consistent sewing performance with no irregular feed pitch.
- The diameter of the cylinder-bed is as small as 50mm. This allows the machine to sew sharp curves of bags, shoes and various small articles smoothly and easily.
- The machine comes with a horizontal-axis double-capacity hook. With double the amount of thread wound on the bobbin compared with the regular hook, sewing efficiency is further improved.
- By adopting an automatic lubrication system that automatically feeds oil to the hook, the need for hook maintenance is eliminated.
- **DSU-145-7**
With its horizontal-cutting mechanism, the automatic thread trimmer cuts various kinds high-to low-count threads.



DSU-145-7

SPECIFICATIONS

Model name	DSU-145	DSU-145-7
Max. sewing speed	2,000rpm	
Max. stitch length	6mm (normal/reverse feed)	
Needle bar stroke	37mm	
Lift of the presser foot	By hand: 7mm, By knee: 15mm	By hand: 6mm, By knee: 13mm
Thread take-up	Link type	
Alternating vertical movement	2 ~ 5mm	
Hook	Horizontal-axis full-rotary double-capacity hook	
Needle (at the time of delivery)	DP x 17 (#21) #14 ~ #21, For JE: 135 x 17 (Nm130)	
Thread	#50 ~ #8, B33 ~ B92, Nm120/3 ~ 30/3	
Lubrication	By an oiler (hook: automatic)	
Lubricating oil	JUKI New Defrix Oil No.1 (equivalent to ISO VG7)	
Cylinder-bed diameter	50mm	
Distance from needle to machine arm	270mm	
Weight of the machine head	36kg	39kg
Automatic reverse feed function	Provided as standard	
Power requirement	Single-phase 100 ~ 120V, 220 ~ 240V 3-phase 200 ~ 220V, 220 ~ 240V	

WHEN YOU PLACE ORDERS

- Without an automatic thread trimmer

DSU-145

- With an automatic thread trimmer

DSU-145-7-0B/

Pneumatic auto-lifter (optional)	Code
Knee switch type (AK114C)	C
Pedal switch type (AK114B)	B
Not provided	

- Motor for SC

M

Motor			Code
For General Export	Single-phase 3-phase	220 ~ 240V	60
For JUS (LA)*	Single-phase	110 ~ 120V	61
	3-phase	220 ~ 240V	62
For CE	Single-phase	220 ~ 240V	63

- PSC box/control panel for SC

SC-380- -






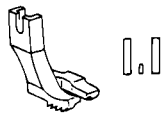
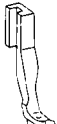

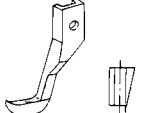
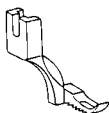
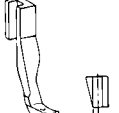
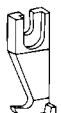


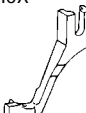
PSC box			Code
For General Export	Single-phase	220 ~ 240V	07
	3-phase	200 ~ 220V	11
For JUS (LA)*	Single-phase	110 ~ 120V	37
	3-phase	220 ~ 240V	38
For CE	Single-phase	220 ~ 240V	34

Control panel		Code
Not provided		00000
Control panel display language: English. Instruction manual comes in three different languages.		E500B
Control panel display language: English. Instruction manual comes in five different languages.		E500C

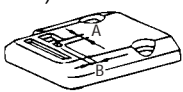
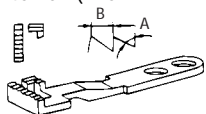
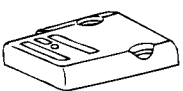
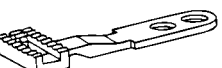


* JUS: North America and Central and South America.

EXCHANGEABLE GAUGE PARTS

● For DSU-145 (-7)

Description	Walking foot	Presser foot	Notes
Standard	B1526-141-H0A 	B1525-141-HA0 	
For piping	B1527-141-H0 	B1527-141-HA0 	Piping size B : 3.2mm (1/8") F : 6.4mm (1/4") C : 4.0mm (5/32") H : 7.9mm (5/16") D : 4.8mm (3/16") K : 9.5mm (3/8") E : 5.6mm (7/32")
Cut-out tail for piping	B1528-141-H0 		
Double groove	B1529-141-H0 	B1526-141-HAW 	Piping size B : 3.2mm (1/8") F : 6.4mm (1/4") C : 4.0mm (5/32") H : 7.9mm (5/16") D : 4.8mm (3/16") K : 9.5mm (3/8") E : 5.6mm (7/32")
Left-hand	B1526-141-H0Q 	B1526-141-HAU 	
Right-hand	B1526-141-H0R 	B1526-141-HAS 	
Narrow type for sewing gloves and shoes	B1526-141-H0T 	B1526-141-HAB 	Stitch length: max. 6mm Exclusive parts Feed dog: 114-05701 Throat plate: 114-05800
For attaching zippers	B1527-141-H0X 	B1526-141-H0X 	Without hardening (blank)

● For DSU-145 (-7)

Description	Throat plate	Feed dog	Notes
Standard	D1105-145-E00 (A: 3.0 B: 2.2mm) 	D1613-145-E00 (A: 45 B: 1.6mm) D1613-145-E0A (A: 67 B: 1.7mm) 	
Three-lined feed dog	D1105-145-E0B 	D1613-145-E0B 	
Single-lined feed dog for sewing gloves	D1105-145-E0T 	D1613-145-E0T 	Exclusive parts Presser foot: B1526-141-H0T Walking foot: B1526-141-H0B

Cylinder-Bed, 1-needle, Unison-feed, Lockstitch Machine

DSC-244 (with standard hook)

DSC-244-7 (with standard hook and an automatic thread trimmer)

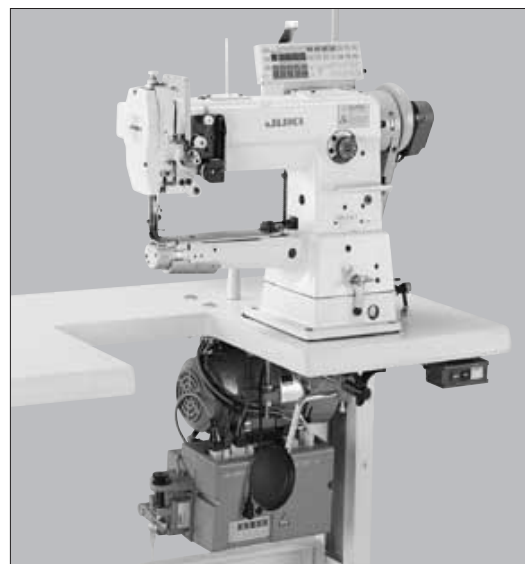
DSC-245 (with standard hook, an automatically lubricated for hook)

DSC-245-7 (with standard hook, an automatically lubricated for hook and an automatic thread trimmer)

DSC-246 (with a double-capacity hook)

DSC-246-7 (with a double-capacity hook and an automatic thread trimmer)

- The unison-feed provides the optimal feed efficiency by feeding heavy-weight materials smoothly and firmly.
- The diameter of the cylinder is as small as 46mm for a standard hook or 50mm for a double-capacity hook. The small-diameter cylinder is quite helpful for handling bags, shoes, and other small articles smoothly and easily.
- The horizontal feed is best-suited for attaching piping tape. (V Type) The feed mechanism that can synchronize the binder in the piping-tape attachment process in the sewing of shoes. (Parts to be changed are optionally available.)
- **DSC-245**
The machine is equipped with a new automatic hook-lubricating system that automatically lubricates the hook. With this feature, a maintenance-free hook has finally materialized.



DSC-245-7-0B/XC-E500

- **DSC-246**
The hook accommodates thread twice as long as that for a standard hook. It also reduces the frequency of bobbin thread replacement, thereby enabling the operator to smoothly conduct sewing with a higher degree of efficiency.
- **DSC-244-7, DSC-245-7, DSC-246-7**
With its horizontal-cutting mechanism, the automatic thread trimmer cuts various kinds high-to low-count threads.

SPECIFICATIONS

Model name	DSC-244	DSC-245	DSC-246
Max. sewing speed	2,200rpm		
Max. stitch length	6mm (normal/reverse feed)		
Needle bar stroke	36mm		38mm
Lift of the presser foot	By hand: 9mm, By knee: 15mm		
Thread take-up	Slide type		
Alternating vertical movement	2.3 ~ 4.8mm		
Hook	Horizontal-axis full-rotary hook		Horizontal-axis full-rotary double-capacity hook
Needle (at the time of delivery)	DP x 17 (#18) #14 ~ #21 For JE: 135 x 17 (Nm110)		DP x 17 (#21) #14 ~ #23 For JE: 135 x 17 (Nm130)
Thread	#50 ~ #20, B33 ~ B69, Nm=120/3 ~ 40/3		#50 ~ #8, B33 ~ B92, Nm=120/3 ~ 30/3
Lubrication	By an oiler	By an oiler (hook: automatic)	By an oiler
Lubricating oil	JUKI New Defrix Oil No. 1 (equivalent to ISO VG7)		
Cylinder-bed diameter	46mm		50mm
Distance from needle to machine arm	264mm		
Weight of the machine head	36kg		

Model name	DSC-244-7	DSC-245-7	DSC-246-7
Max. sewing speed	2,200rpm		
Max. stitch length	6mm (normal/reverse feed)		
Needle bar stroke	36mm		38mm
Lift of the presser foot	By hand: 8mm, By knee: 13mm		By hand: 8mm, By knee: 14mm
Thread take-up	Slide type		
Alternating vertical movement	2.3 ~ 4.8mm		
Hook	Horizontal-axis full-rotary hook		Horizontal-axis full-rotary double-capacity hook
Needle (at the time of delivery)	DP x 17 (#18) #14 ~ #21 For JE: 135 x 17 (Nm110)		DP x 17 (#21) #14 ~ #23 For JE: 135 x 17 (Nm130)
Thread	#50 ~ #20, B33 ~ B69, Nm=120/3 ~ 40/3		#50 ~ #8, B33 ~ B92, Nm=120/3 ~ 30/3
Lubrication	By an oiler	By an oiler (hook: automatic)	By an oiler
Lubricating oil	JUKI New Defrix Oil No. 1 (equivalent to ISO VG7)		
Cylinder-bed diameter	46mm		50mm
Distance from needle to machine arm	264mm		
Weight of the machine head	39kg		
Automatic reverse feed function	Provided as standard		
Power requirement	Single-phase 100 ~ 120V, 220 ~ 240V 3-phase 200 ~ 220V, 220 ~ 240V		

WHEN YOU PLACE ORDERS

● With an automatic thread trimmer

DSC-244/245/246 -

Feed system	Code	Automatic reverse feed function	Code
Elliptical feed		Not provided	
Horizontal feed	V	Provided	0B

● With an automatic thread trimmer

DSC-244/245/246 -7-0B/

Feed system	Code	Pneumatic auto-lifter (optional)	Code
Elliptical feed		Knee switch type (AK110C)	C
Horizontal feed	V	Pedal switch type (AK110B)	B
		Not provided	

● PSC box/control panel for SC

SC-380- -

PSC box			Code	Control panel		Code
For General Export	Single-phase	220 ~ 240V	07	Not provided		00000
	3-phase	200 ~ 220V	11	Control panel display language: English. Instruction manual comes in three different languages.		E500B
For JUS (LA)*	Single-phase	110 ~ 120V	37	Control panel display language: English. Instruction manual comes in five different languages.		E500C
	3-phase	220 ~ 240V	38			
For CE	Single-phase	220 ~ 240V	34			

● Motor for SC



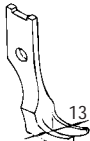
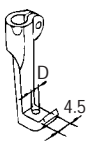
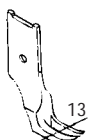









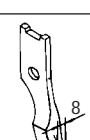





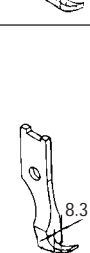

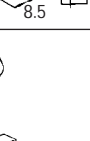
M

Motor			Code
For General Export	Single-phase	220 ~ 240V	60
	3-phase	220 ~ 240V	60
For JUS (LA)*	Single-phase	110 ~ 120V	61
	3-phase	220 ~ 240V	62
For CE	Single-phase	220 ~ 240V	63

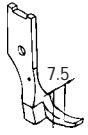
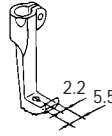
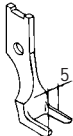
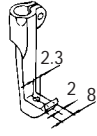
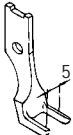
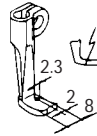


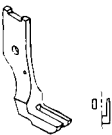

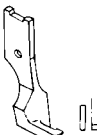

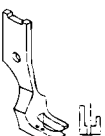

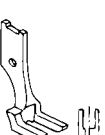

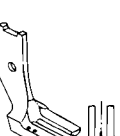

* JUS: North America and Central and South America.

EXCHANGEABLE GAUGE PARTS


● For DSC-244 (-7), 245 (-7), 246 (-7)

Description	Presser foot	Walking foot	Notes
Standard	B1525-241-HA0 	B1470-241-HA0 	For DNU Stitch length: max. 10mm
	B1525-053-0A0 	B1470-053-000 (D=2.8) B1470-053-C00 (D=2.3) 	For LU & LS Stitch length: max. 10mm
	B1525-562-BA0 	B1470-562-B00 	Stitch length: max. 10mm With teeth
	B1525-563-E00 	B1470-563-E00 	Stitch length: max. 10mm
Left-hand type	B1524-245-0A0 	B1470-245-000 	DSC-245(-7), 246(-7) standard Stitch length: max. 6mm
	B1529-245-0AD (special order) 	B1476-245-00D (special order) 	Stitch length: max. 8mm With teeth
	B1529-245-0AC (special order) 	B1476-245-00C (special order) 	Stitch length: max. 6mm With teeth
	B1529-245-0AB (special order) 	B1476-245-00B (special order) 	Stitch length: max. 8mm With teeth
	B1529-245-0AF (special order) 	B1476-245-00F (special order) 	Stitch length: max. 6mm With teeth
For binding	MAQ-092080A0 (with teeth) 	MAQ-09207000 	Stitch length: max. 10mm
	MAQ-093080A0 (with teeth) 	MAQ-09307000 	DSC-246V(-7) standard Stitch length: max. 10mm
		MAN-10452000 	DSC-245V(-7) standard Stitch length: max. 10mm

● For DSC-244(-7), 245(-7), 246(-7)

Description	Presser foot	Walking foot	Notes
Right-hand type	B1529-245-00A 	B1476-245-00A 	Stitch length: max. 8mm With teeth
Wide type	103-25157 	103-25306 	Stitch length: max. 10mm Exclusive parts (for LU-1114) Throat plate: 103-25009 Feed dog: 103-25207
For leather (without teeth)	103-26304 	103-26205 	Stitch length: max. 6mm Without finger guard Exclusive parts (for LU-1114) Throat plate: 103-26403 Feed dog: 103-26106
For piping	B1530-245-00 	B1478-245-000 (commonly used for every size) 	Stitch length: max. 8mm Piping size C : 4.0mm (5/32") H: 7.9mm (5/16") D : 4.8mm (3/16") K : 9.5mm (3/8") F : 6.4mm (1/4")
Cut-out tail for piping	B1531-245-00 	B1478-245-00 	Stitch length: max. 8mm Piping size C : 4.0mm (5/32") D : 4.8mm (3/16") F : 6.4mm (1/4") H : 7.9mm (5/16")
For piping (with knurled foot)	B1525-245-00 	B1472-245-00 	Stitch length: max. 8mm Piping size D : 4.8mm (3/16") F : 6.4mm (1/4") H : 7.9mm (5/16") K : 9.5mm (3/18")
	B1526-245-00 	B1473-245-00 	Stitch length: max. 8mm Piping size D : 4.8mm (3/16") F : 6.4mm (1/4")
	B1527-245-00 (special order) 	B1474-245-00 (special order) 	Stitch length: max. 8mm Piping size C : 4.0mm (5/32") H: 7.9mm (5/16") D : 4.8mm (3/16") K : 9.5mm (3/8") F : 6.4mm (1/4")
Double groove	B1528-245-00 	B1475-245-00B (commonly used for every size) 	Stitch length: max. 8mm Piping size B : 3.2mm (1/8") H : 7.9mm (5/16") D : 4.8mm (3/16") K : 9.5mm (3/8") F : 6.4mm (1/4")

● For DSC-245, 245-7, 246, 246-7

Description	Throat plate	Feed dog	Notes
Standard (with groove)	DSC-245: B1105-245-000 DSC-245-7: D1105-245-E00 DSC-246: 211-31206 DSC-246-7: 211-32006	DSC-245: B1613-245-000 DSC-245-7: D1613-245-E00 DSC-246: 211-35009 DSC-246-7: 211-34002	
Without groove		DSC-245: B1613-245-00A DSC-245-7: B1613-245-E0A DSC-246: 211-35108 DSC-246-7: 211-34101	
For thin needle		DSC-245: B1613-245-00B DSC-245-7: B1613-245-E0B DSC-246-7: 211-34200	
Round type	DSC-245: B1105-245-00C (R=28) DSC-245-7: D1105-245-E0C (R=28)	DSC-245: B1613-245-00C DSC-245-7: D1613-245-E0C	

● For DSC-245V, 245V-7, 246V, 246V-7

Description	Throat plate	Feed dog	Notes
Standard (width: 14mm)	DSC-245V: MAQ-09201000 DSC-246V: 211-40108	DSC-245V: MAN-10451000 DSC-246V: 213-05206 (without groove)	Exclusive parts Walking foot: MAN-10452000 Presser foot: MAQ-093080A0
		DSC-245V: MAQ-09309000 DSC-245V-7: MAQ-09509000 DSC-246V: 211-42203 DSC-246V-7: 211-43201 (with groove)	Exclusive parts Walking foot: MAQ-09307000 Presser foot: MAQ-093080A0
	DSC-245V-7: MAQ-09401000 DSC-246V-7: 211-41106	DSC-245V-7: 213-05107 DSC-246V-7: 211-43409 (without groove)	
Narrow type (width: 14mm)		DSC-245V: MAQ-09209000 DSC-245V-7: MAQ-09409000 DSC-246V: 211-42104 (with groove)	Exclusive parts Walking foot: MAQ-09207000 Presser foot: MAQ-093080A0
		DSC-245V-7: 213-05008 DSC-246V-7: 211-43102 (without groove)	

Cylinder-bed, 1-needle, Lockstitch Machine with a Vertical-axis Large Hook

LS-321 (needle-feed)

- By integrating the needle bar frame with its driving shaft, needle sway is eliminated and consistent, direct-drive sewing is enabled.
- Since the machine incorporates a vertical-axis 1.6 fold-capacity hook, the frequency of bobbin thread replacement is reduced, further increasing efficiency.

LS-341N (unison-feed)

- With its unison-feed mechanism that perfectly synchronizes the presser foot, needle, and feed, the machine performs accurate stitching free from slippage between the upper and lower cloths.
- With its newly designed throat plate, the machine is able to sew cylindrical articles with diameters as narrow as 40mm. This enhances the machine's ability to smoothly sew not only bags and shoes, but also small articles such as wallets.
- The alternating vertical movement of the walking foot and presser foot can be widely adjusted in the range of 2.3 to 6.0mm. With this feature, the machine is able to flexibly adapt to various kinds of heavy-weight materials.

LS-341N-7 (unison-feed with an automatic thread trimmer)

- The machine is provided not only with the standard type of throat plate and feed dog, but also with gauges to be used for the sewing of small articles. These gauges are especially useful for sewing of curves of bags and leather cages.
- The thread trimmer is able to cut threads in the count range from #30 to #5 (B33 ~ B92, Nm 90/3 ~ 20/3), widely responding to shoe and furniture sewing processes.
Thick threads are trimmed without fail, and no re-adjustment is required even when the thread count is changed.
- With just a light press on the touch-sensitive button, reverse feed stitching is actuated. When sewing 3-dimensional articles, the suspended ruler can be lifted up out of the way.



LS-341N-7-OB/XC-E500



SPECIFICATIONS

Model name	LS-321	LS-341N	LS-341N-7
Feed system	Needle-feed	Unison-feed	
Max. sewing speed	2,400rpm	2,000rpm	
Max. stitch length	6mm (normal/reverse feed)		
Needle bar stroke	33.4mm		
Lift of the presser foot	By hand: 7mm, By knee: 12mm	By hand: 8.5mm, By knee: 15mm	
Thread take-up	Slide type		
Alternating vertical movement	2.3 ~ 6mm		
Hook	Vertical-axis 1.6 fold-capacity hook		
Needle (at the time of delivery)	DP x 5 (#14) #14 ~ #16 For JE: 135 x 5 (Nm90)	DP x 17 (#23) #14 ~ #24 For JE: 135 x 17 (Nm160)	DP x 17 (#23) #16 ~ #24 For JE: 135 x 17 (Nm160)
			D Type: 135 x 17 (Nm110) Nm100 ~ Nm130 or DP x 17
Thread	#50 ~ #30, B33 ~ B46 Nm120/3 ~ 60/3	#40 ~ #8, B33 ~ B92 Nm90/3 ~ 20/3	#30 ~ #5, B46 ~ B138 Nm60/3 ~ 15/3
Safety mechanism	Provided as standard		
Lubrication	By an oiler		
Lubricating oil	JUKI New Defrix Oil No.1 (equivalent to ISO VG7)		
Distance from needle to machine arm	250mm		
Cylinder-bed diameter	72mm		
Weight of the machine head	36kg	38kg	
Automatic reverse feed function	Provided as standard		
Power requirement	Single-phase 100 ~ 120V, 220 ~ 240V 3-phase 200 ~ 220V, 220 ~ 240V		

WHEN YOU PLACE ORDERS

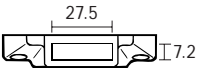
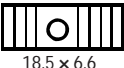
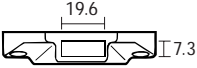

● Without an automatic thread trimmer

LS-321
LS-341N

● With an automatic thread trimmer

LS-341N **-7-0B**

Gauge	Code	Pneumatic auto-lifter (optional)	Code
Standard		Not provided	
Gauge for small articles	D	Knee switch type (AK117A)	A
		Pedal switch type (AK117B)	B

	Throat plate	Feed dog
Standard type	231-00803 	231-01702 
For small articles	231-00902 	231-01801 

* Standard presser foot is used for both types.

● PSC box/control panel for SC

SC-380- -

PSC box				Code	Control panel		Code
For General Export	Single-phase	220 ~ 240V		07	Not provided		00000
	3-phase	200 ~ 220V		11	Control panel display language: English. Instruction manual comes in three different languages.		E500B
For JUS (LA)*	Single-phase	110 ~ 120V		37	Control panel display language: English. Instruction manual comes in five different languages.		E500C
	3-phase	220 ~ 240V		38			
For CE	Single-phase	220 ~ 240V		34			

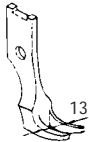

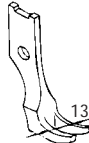
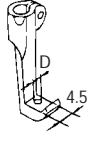

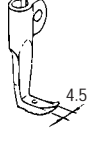

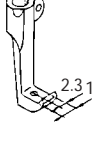

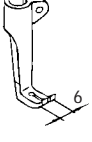

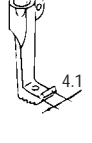
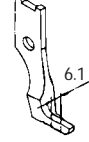
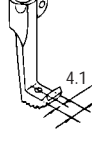
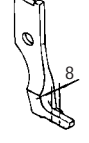
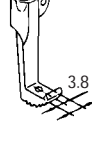
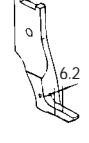

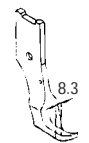
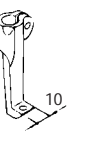
● Motor for SC


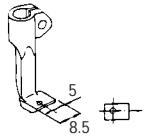
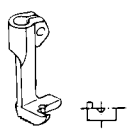
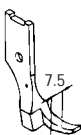
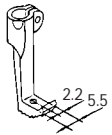
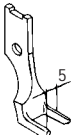
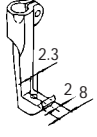
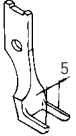
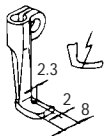


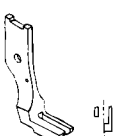

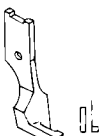
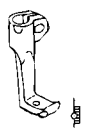
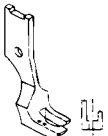

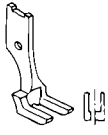

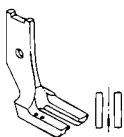

M

Motor			Code
For General Export	Single-phase	220 ~ 240V	60
	3-phase		
For JUS (LA)*	Single-phase	110 ~ 120V	61
	3-phase	220 ~ 240V	62
For CE	Single-phase	220 ~ 240V	63

* JUS: North America and Central and South America.

EXCHANGEABLE GAUGE PARTS

Description	Presser foot	Walking foot	Notes
Standard	B1525-241-HA0 	B1470-241-HA0 	For DNU Stitch length: max. 10mm
	B1525-053-0A0 	B1470-053-000 (D=2.8) B1470-053-C00 (D=2.3) 	For LU & LS Stitch length: max. 10mm
	B1525-562-BA0 	B1470-562-B00 	Stitch length: max. 10mm With teeth
	B1525-563-E00 	B1470-563-E00 	Stitch length: max. 10mm
Left-hand type	B1524-245-0A0 	B1470-245-000 	DSC-245(-7), 246(-7) standard Stitch length: max. 6mm
	B1529-245-0AD (special order) 	B1476-245-00D (special order) 	Stitch length: max. 8mm With teeth
	B1529-245-0AC (special order) 	B1476-245-00C (special order) 	Stitch length: max. 6mm With teeth
	B1529-245-0AB (special order) 	B1476-245-00B (special order) 	Stitch length: max. 8mm With teeth
	B1529-245-0AF (special order) 	B1476-245-00F (special order) 	Stitch length: max. 6mm With teeth
For binding	MAQ-092080A0 (with teeth) 	MAQ-09207000 	Stitch length: max. 10mm

Description	Presser foot	Walking foot	Notes
For binding	MAQ-093080A0 (with teeth) 	MAQ-09307000 	DSC-246V(-7) standard Stitch length: max. 10mm
		MAN-10452000 	DSC-245V(-7) standard Stitch length: max. 10mm
Right-hand type	B1529-245-00A 	B1476-245-00A 	Stitch length: max. 8mm With teeth
Wide type	103-25157 	103-25306 	Stitch length: max. 10mm Exclusive parts (for LU-1114) Throat plate: 103-25009 Feed dog: 103-25207
For leather (without teeth)	103-26304 	103-26205 	Stitch length: max. 6mm Without finger guard Exclusive parts (for LU-1114) Throat plate: 103-26403 Feed dog: 103-26106
For piping	B1530-245-00 	B1478-245-000 (commonly used for every size) 	Stitch length: max. 8mm Piping size C : 4.0mm (5/32") H : 7.9mm (5/16") D : 4.8mm (3/16") K : 9.5mm (3/8") F : 6.4mm (1/4")
Cut-out tail for piping	B1531-245-00 	B1478-245-00 	Stitch length: max. 8mm Piping size C : 4.0mm (5/32") D : 4.8mm (3/16") F : 6.4mm (1/4") H : 7.9mm (5/16")
For piping (with knurled foot)	B1525-245-00 	B1472-245-00 	Stitch length: max. 8mm Piping size D : 4.8mm (3/16") F : 6.4mm (1/4") H : 7.9mm (5/16") K : 9.5mm (3/18")
	B1526-245-00 	B1473-245-00 	Stitch length: max. 8mm Piping size D : 4.8mm (3/16") F : 6.4mm (1/4")
	B1527-245-00 (special order) 	B1474-245-00 (special order) 	Stitch length: max. 8mm Piping size C : 4.0mm (5/32") H : 7.9mm (5/16") D : 4.8mm (3/16") K : 9.5mm (3/8") F : 6.4mm (1/4")
Double groove	B1528-245-00 	B1475-245-00B (commonly used for every size) 	Stitch length: max. 8mm Piping size B : 3.2mm (1/8") H : 7.9mm (5/16") D : 4.8mm (3/16") K : 9.5mm (3/8") F : 6.4mm (1/4")

1-needle, Post-bed, Unison-feed, Lockstitch Machine

PLC-1610

PLC-1610-7 (with an automatic thread trimmer)

- The post-shaped bed minimizes bed's diameter, thereby providing easy operation for three-dimensional sewing.
- Equipped with a unison-feed system that perfectly synchronizes the presser foot, feed dog and needle, the machine feeds large-sized materials smoothly and forcefully. This results in consistent sewing performance at high speeds without irregular feed.
- The presser foot rises up to 15mm. This allows the operator to place/remove heavy-weight materials such as urethane on/from the machine with ease. The machine is equipped as standard with a pneumatic auto-lifter.
- The vertical stroke (alternating vertical movement) of the presser foot and walking foot can be adjusted to 8mm at the maximum to accommodate the thickness of multi-layered portions of the material.
- With its vertical-axis 1.6 fold hook, the frequency of bobbin thread replacement is reduced. This hook increases efficiency and offers special advantages when using thick threads.
- **PLC-1610-7**
The machine is provided with a highly reliable thread trimmer that cuts thick thread without fail. No need for additional adjustment even when thread number count is changed.



PLC-1610-7-0B/XC-E500

SPECIFICATIONS

Model name	PLC-1610	PLC-1610-7
Max. sewing speed	2,000rpm	
Max. stitch length	6mm (normal/reverse feed)	
Needle bar stroke	33.4mm	
Lift of the presser foot	By hand: 10mm, Auto: 15mm	
Auto lifter	Provided as standard (pneumatic auto-lifter: AK116)	
Thread take-up	Slide type	
Alternating vertical movement	2 ~ 8mm	
Hook	Vertical-axis 1.6 fold-capacity hook	
Needle (at the time of delivery)	134 x 35 (Nm140) Nm110 ~ Nm160 (equivalent to #22, #18 ~ #23)	
Thread	#30 ~ #5, B46 ~ B138, Nm60/3 ~ 15/3	
Lubrication	By an oiler	
Lubricating oil	JUKI New Defrix Oil No.1 (equivalent to ISO VG7)	
Compressed air and air consumption	0.5MPa (5kgf/cm ²), 0.3Nℓ/min	
Safety mechanism	Provided as standard	
Bobbin winder	Built on the machine arm	
Post height	161.7mm	
Bed size	517mm x 178mm	
Weight of the machine head	48kg	50kg
Automatic reverse feed function	Provided as standard	
Power requirement	Single-phase 100 ~ 120V, 220 ~ 240V 3-phase 200 ~ 220V, 220 ~ 240V	

PLC-1610SSSA

Specifications	Code	Throat plate	Code	Presser foot	Code	Feed dog	Code	Pneumatic auto-lifter	Code
Standard	S	Standard	S	Standard	S	Round hole (2.4)	A	Knee switch type (AK116A)	A
								Pedal switch type (AK116B)	B

* If pedal-switch type B is specified use a servomotor or electronic-stop motor (DC 24 V is required.)

PLC-1610SSA-7-0B

Throat plate	Code	Presser foot	Code	Feed dog	Code	Pneumatic auto-lifter	Code
Standard	S	Standard	S	Round hole (2.4)	A	Knee switch type (AK116A)	A
						Pedal switch type (AK116B)	B

● PSC box/control panel for SC

SC-380- [] [] - [] [] [] [] []

PSC box				Code	Control panel		Code
For General Export	Single-phase	220 ~ 240V		07	Not provided		00000
	3-phase	200 ~ 220V		11	Control panel display language: English. Instruction manual comes in three different languages.		E500B
For JUS (LA)*	Single-phase	110 ~ 120V		37	Control panel display language: English. Instruction manual comes in five different languages.		E500C
	3-phase	220 ~ 240V		38			
For CE	Single-phase	220 ~ 240V		34			

● Motor for SC

M [] []

Motor				Code
For General Export	Single-phase	220 ~ 240V		60
	3-phase	220 ~ 240V		
For JUS (LA)*	Single-phase	110 ~ 120V		61
	3-phase	220 ~ 240V		62
For CE	Single-phase	220 ~ 240V		63

* JUS: North America and Central and South America.

2-needle, Post-bed, Unison-feed, Lockstitch Machine

PLC-1660

- The post-shaped bed minimizes bed's diameter, thereby providing easy operation for three-dimensional sewing.
- Equipped with a unison-feed system that perfectly synchronizes the presser foot, feed dog and needle, the machine feeds large-sized materials smoothly and forcefully. This results in consistent sewing performance at high speeds without irregular feed.
- The presser foot rises up as high as 15mm. This allows the operator to place/remove heavy-weight materials such as urethane on/from the machine with ease. The machine is equipped as standard with a pneumatic auto-lifter.
- The vertical stroke (alternating vertical movement) of the presser foot and walking foot can be adjusted to 8mm at the maximum to accommodate the thickness of multi-layered portions of the material to be used.
- With its vertical-axis 1.6 fold hook, the frequency of bobbin thread replacement is reduced. This hook helps to upgrade efficiency and offers special advantages when using thick threads.

PLC-1660L (thick-thread long-pitch type)

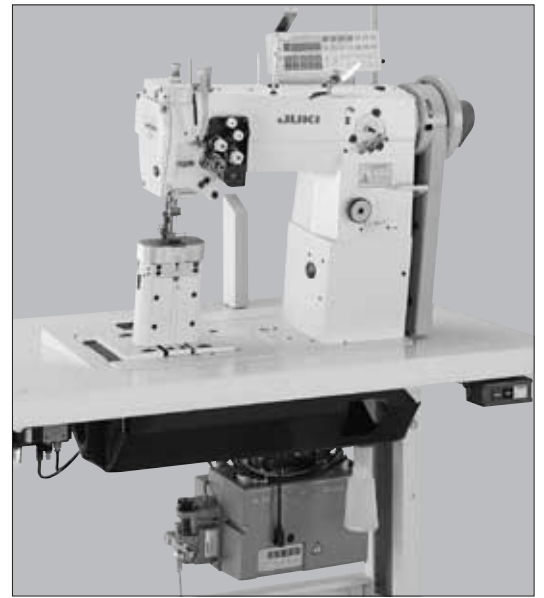
- With its large-sized thread take-up lever and wide-diameter pulley, the machine can handle threads as thick as #1 (B207, Nm=8/3) and the stitch length can be set to 10mm at the maximum.

PLC-1665 (with organized split needle bars)

- With its organized split needle bars, the machine produces well-balanced beautiful topstitch-seams at the corners of materials.

PLC-1660-7 (with an automatic thread trimmer)

- The machine is provided with a highly reliable thread trimmer that cuts thick thread without fail. The thread trimmer trims thread with consistency and absolutely. No need for additional adjustment even when thread number count is changed.
- Reverse-feed stitching operation can be started simply by pressing the one-touch-type reverse-feed button. Furthermore, if a suspended ruler is attached on the machine or a 3-dimensional sewing product is sewn, the button can be shifted upward to prevent interruption.



PLC-1660-7-OB/XC-E500



PLC-1660L



PLC-1665



SPECIFICATIONS

Model name	PLC-1660	PLC-1660L
Max. sewing speed	2,000rpm	Stitch length: 6mm or less (2,000rpm) Stitch length: 6 ~ 10mm (1,200rpm)
Max. stitch length	6mm (normal/reverse feed)	10mm (normal/reverse feed)
Needle bar stroke	33.4mm	
Needle gauge (mm)	8, 10	10
Lift of the presser foot	By hand: 10mm, Auto: 15mm	
Auto lifter	Provided as standard (pneumatic auto-lifter: AK116)	
Thread take-up	Slide type	Slide type (large)
Alternating vertical movement	2 ~ 8mm	
Hook	Vertical-axis 1.6 fold-capacity hook	
Needle (at the time of delivery)	134 × 35 (Nm140) Nm110 ~ Nm160 (equivalent to #22, #18 ~ #23)	134 × 35 (Nm180) Nm140 ~ Nm200 (equivalent to #24, #22 ~ #25)
Thread	#30 ~ #5, B46 ~ B138, Nm=60/3 ~ 15/3	#8 ~ #1, B92 ~ B207, Nm=30/3 ~ 8/3
Lubrication	By an oiler	
Lubricating oil	JUKI New Defrix Oil No.1 (equivalent to ISO VG7)	
Compressed air and air consumption	0.5MPa (5kgf/cm ²), 0.3Nℓ/min	
Safety mechanism	Provided as standard	
Bobbin winder	Built on the machine arm	
Post height	161.7mm	
Bed size	517mm × 178mm	
Weight of the machine head	49kg	

Model name	PLC-1665	PLC-1660-7
		With organized split needle bars
Max. sewing speed	1,800rpm	2,000rpm
Max. stitch length	6mm (normal/reverse feed)	
Needle bar stroke	33.4mm	
Needle gauge (mm)	8, 10	6, 8, 10
Lift of the presser foot	By hand: 10mm, Auto: 15mm	
Auto lifter	Provided as standard (pneumatic auto-lifter: AK116)	
Thread take-up	Slide type	
Alternating vertical movement	2 ~ 8mm	
Hook	Vertical-axis 1.6 fold-capacity hook	
Needle (at the time of delivery)	134 × 35 (Nm140) Nm110 ~ Nm160 (equivalent to #22, #18 ~ #23)	
Thread	#30 ~ #5, B46 ~ B138, Nm=60/3 ~ 15/3	
Lubrication	By an oiler	
Lubricating oil	JUKI New Defrix Oil No.1 (equivalent to ISO VG7)	
Compressed air and air consumption	0.5MPa (5kgf/cm ²), 0.3Nℓ/min	
Safety mechanism	Provided as standard	
Bobbin winder	Built on the machine arm	
Post height	161.7mm	
Bed size	517mm × 178mm	
Weight of the machine head	48kg	51kg
Automatic reverse feed function	Provided as standard	
Power requirement	Single-phase 100 ~ 120V, 220 ~ 240V 3-phase 200 ~ 220V, 220 ~ 240V	

WHEN YOU PLACE ORDERS

Specifications	Code
Standard	S
Thick-thread long-pitch	L

* For thick-thread long-pitch type L, the needle gauge code is "D" and the presser foot code is "S" only.

Presser foot	Code
Standard	S
Provide with a center guide (needle gauge: 8mm)	A

Feed dog	Code
Round hole(2.4)	A
Slot (2.4mm × 3.8mm) for S type (standard)	B
Slot (3.5mm × 4.5mm) for L type (standard)	C

PLC-1660

Needle gauge	Code
8mm	C
10mm	D

Throat plate	Code
Standard	S
For under-tape attachment (needle gauge: 8mm, tape width: 12mm)	C
For under-tape attachment (needle gauge: 10mm, tape width: 14mm)	D

* If the throat plate for under-tape attachment is selected, specify needle gauge C for the C-type throat plate and needle gauge D for the D-type.

Pneumatic auto-lifter	Code
Knee switch type (AK116A)	A
Pedal switch type (AK116B)	B

* If pedal-switch type B is specified use a servomotor or electronic-stop motor (DC 24 V is required).

Presser foot	Code
Standard	S

Feed dog	Code
Round hole(2.4)	A
Slot (2.4mm × 3.8mm) Standard	B
Slot (3.5mm × 4.5mm)	C

PLC-1665

Needle gauge	Code
8mm	C
10mm	D

Throat plate	Code
Standard	S
For under-tape attachment (needle gauge: 8mm, tape width: 12mm)	C
For under-tape attachment (needle gauge: 10mm, tape width: 14mm)	D

* If the throat plate for under-tape attachment is selected, specify needle gauge C for the C-type throat plate and needle gauge D for the D-type.

Pneumatic auto-lifter	Code
Knee switch type (AK116A)	A
Pedal switch type (AK116B)	B

* If pedal-switch type B is specified use a servomotor or electronic-stop motor (DC 24 V is required).

Feed dog	Code
Round hole(2.4)	A

Pneumatic auto-lifter	Code
Knee switch type (AK116A)	A
Pedal switch type (AK116B)	B

PLC-1660

A-7-0B

Needle gauge	Code
6mm	B
8mm	C
10mm	D

Throat plate	Code
Standard	S
For under-tape attachment (needle gauge: 8mm, tape width: 12mm)	C
For under-tape attachment (needle gauge: 10mm, tape width: 14mm)	D

* If the throat plate for under-tape attachment is selected, specify needle gauge C for the C-type throat plate and needle gauge D for the D-type.

Presser foot	Code
Standard	S
Provide with a center guide (needle gauge: 8mm)	A

* If pedal-switch type B is specified use a servomotor or electronic-stop motor (DC 24 V is required).

● PSC box/control panel for SC

SC-380-

PSC box		Code	
For General Export	Single-phase	220 ~ 240V	07
	3-phase	200 ~ 220V	11
* For JUS (LA)	Single-phase	110 ~ 120V	37
	3-phase	220 ~ 240V	38
For CE	Single-phase	220 ~ 240V	34

* JUS: North America and Central and South America.

Control panel		Code
Not provided		00000
Control panel display language: English. Instruction manual comes in three different languages.		E500B
Control panel display language: English. Instruction manual comes in five different languages.		E500C

● Motor for SC

M

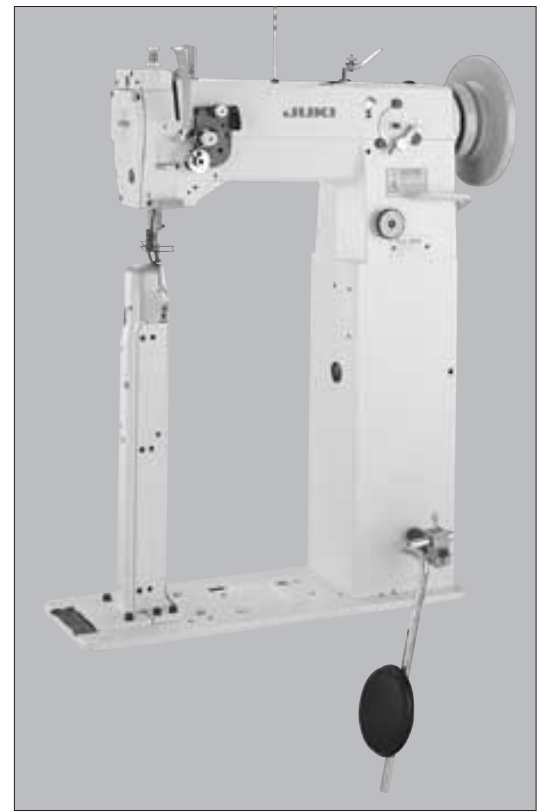
Motor		Code	
For General Export	Single-phase	220 ~ 240V	60
	3-phase	220 ~ 240V	60
* For JUS (LA)	Single-phase	110 ~ 120V	61
	3-phase	220 ~ 240V	62
For CE	Single-phase	220 ~ 240V	63

1-needle, High Post-bed, Unison-Feed, Lockstitch Machine

PLC-1690 (with a vertical-axis 1.6 fold-capacity hook)

PLC-1691 (with a vertical-axis standard hook)

- The newly developed high post-bed machine has a post with a compact-finished top to support difficult sewing processes that conventional machines can't handle such as bottom sewing or gore sewing. The distance from the needle entry to the right end of the bed, the most important design feature of the machine, is as short as 2.8mm. The PLC-1690 comes in two different types: one with a "flat-surface type (S)" and another with a "curved-surface type (A)". You can select the type that best fits your needs.
- The PLC-1691 is provided with a vertical-axis standard hook and the top end of its post is minimized in size. With its outstanding sharp-curve sewing capability and operability, the machine is ready to sew diversely designed articles such as bags with narrow gores.
- The machine is designed to handle the basic processes required for the sewing of bags. With the new increase in the alternating vertical movement of the walking foot and presser foot to a maximum of 7mm, the machine can now handle sewing materials with many multi-layered portions. In addition, the lift of the presser foot is large* enough to allow the operator to easily set and remove sewing materials on the machines. * PLC-1690S: 15mm PLC-1690A, PLC-1691: 10.5mm
- A bobbin winder is mounted on the front surface of the machine arm. Stitch length can be adjusted with the stitch dial. In addition, the large-sized handwheel (φ175) can be easily turned by the operator when performing one-stitch sewing.



PCL-1691

SPECIFICATIONS

Model name	PLC-1690S	PLC-1690A	PLC-1691
		Throat plate: flat-surface type	Throat plate: curved-surface type
Max. sewing speed	1,600rpm		
Max. stitch length	6mm (normal/reverse feed)		
Needle bar stroke	38mm		36mm
Lift of the presser foot	By hand: 10mm, By knee: 15mm	By hand: 5.5mm, By knee: 10.5mm	
Thread take-up	Slide type		
Alternating vertical movement	2 ~ 7mm		
Hook	Vertical-axis 1.6 fold-capacity hook		Vertical-axis standard hook
Needle (at the time of delivery)	134 × 35 (Nm120) Nm100 ~ Nm140		
Thread	#30 ~ #8, B46 ~ B92, Nm=60/3 ~ 30/3		
Lubrication	By an oiler		
Lubricating oil	JUKI New Defrix Oil No. 1 (equivalent to ISO VG7)		
Safety mechanism	Provided as standard		
Bobbin winder	Built on the machine arm		
Post height	420mm	424.5mm	
Post position	Left		
Bed size	517mm × 178mm		
Weight of the machine head	57kg		

WHEN YOU PLACE ORDERS

PLC-1690 PLC-1691

Throat plate	Code
Flat-surface type (Standard)	S
Curved-surface type	A

Pneumatic auto-lifter	Code
Not provided	/
Knee switch type (AK116A)	A
Pedal switch type (AK116B)	B

* If pedal-switch type B is specified use a servomotor or electronic-stop motor (DC 24 V is required).

Post-bed, Bottom-feed Lockstitch Machine

PLH-981 (1-needle)

PLH-982 (2-needle)

- With JUKI's unique slide thread take-up lever, feed mechanism, and vertical-axis hook, the machine provides well-tensed, neatly finished seams every time.
- The stitch length can easily be adjusted with the stitch dial. Reverse-feed stitching is actuated by a simple press of the lever. The machine incorporates a large pulley that can be turned smoothly by hand.
- The face plate is designed to provide a clear view of the needle entry area and enable smooth thread feeding.



PLH-981

Post-bed, Needle-feed Lockstitch Machine

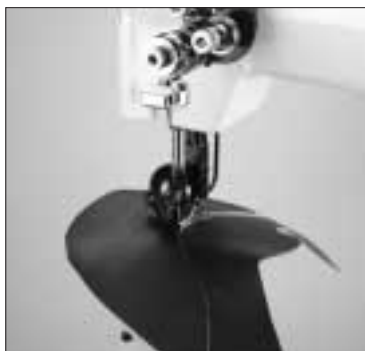
PLN-985 (1-needle)

PLN-986 (2-needle)

- With a needle-feed mechanism that operates in synchronization with the bottom-feed, the machine produces beautiful seams free from slippage even when sewing slippery or hard-to-feed materials.



PLH-981



PLN-986



PLN-986

SPECIFICATIONS

Model name	PLH-981	PLH-982	PLN-985	PLN-986
	1-needle	2-needle	1-needle	2-needle
Feed system	Bottom-feed		Needle-feed	
Max. sewing speed	2,500rpm			
Max. stitch length	4mm (normal/reverse feed)			
Needle bar stroke	36mm		33.4mm	
Needle gauge (mm)		1.2, 1.6, 2.0, 2.4 (standard)		2.0, 2.4 (standard)
Lift of the presser foot	By hand: 7mm, By knee: 10mm		By hand: 6.5mm, By knee: 9mm	
Thread take-up	Slide type			
Hook	Vertical-axis hook			
Needle (at the time of delivery)	DP x 5 (#18) #16 ~ #21		DP x 5 (#16) #16 ~ #21	
Thread	#40 ~ #8, B33 ~ B92, Nm=90/3 ~ 30/3			
Lubrication	By an oiler			
Lubricating oil	JUKI New Defrix Oil No.1 (equivalent to ISO VG7)			
Post height	178mm		179mm	
Bed size	517mm x 178mm			
Weight of the machine head	36kg		40kg	

WHEN YOU PLACE ORDERS

- 1-needle, Bottom-feed

PLH-981

- 1-needle, Needle-feed

PLN-985

- 2-needle, Bottom-feed

PLH-982B


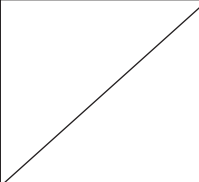





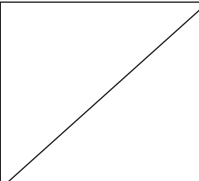




Needle gauge	Code
1.2mm	12
1.6mm	16
2.0mm	20
2.4mm (standard)	24

- 2-needle, Needle-feed

PLN-986B

Needle gauge	Code
1.6mm	16
2.4mm (standard)	24

GAUGE TABLE (2-NEEDLE TYPE)

Model name	Needle gauge	Gauge set	Needle clamp	Needle guide	Throat plate	Feed dog
PLH-982						
	1.2mm	210-16357	210-17405	210-18908	210-16308	210-21100
	1.6mm	210-16159			210-16100	
	2.0mm	210-16258	210-17504	210-18809	210-16209	210-21209
2.4mm (standard)	210-16050	210-16019			210-21308	
PLN-986						
	1.6mm	210-32156	210-17405	210-33006	210-32107	210-31109
	2.4mm (standard)	210-32255	210-17504	210-33105	210-32206	210-31208

1-needle, Semi-long Flat-bed, Lockstitch Machine with a Large Shuttle-hook for Extra heavy-weight Materials

TU-273 (top & bottom-feed)

TNU-243 (unison-feed)

- The machine has a wider free space under the machine arm to allow the operator to easily place and remove a large sewing products.
- The machine comes with a large shuttle-hook. This type of shuttle-hook helps to reduce the frequency of bobbin thread replacement and is best suited for the sewing of extra heavy-weight materials sewn with lower-count threads.
- The lifting range of the presser foot is as high as 20mm for smooth placement/removal of extra heavy-weight materials.
- **TU-273**
The top-feed amount is adjustable within the range of $\pm 20\%$ of the bottom-feed amount.
- **TNU-243**
Thanks to the TNU-243's unison-feed mechanism, the machine's higher feed efficiency guarantees the output of high-quality seams free from uneven material feed.



TNU-243



SPECIFICATIONS

Model name	TU-273	TNU-243
Feed system	Top & bottom-feed	Unison-feed
Max. sewing speed	800rpm	
Max. stitch length	15mm (normal/reverse feed)	
Needle bar stroke	56mm	
Lift of the presser foot	By hand: 12mm, By pedal: 20mm	
Alternating vertical movement	4 ~ 8mm	
Thread take-up	Cam-type	
Hook	Large shuttle-hook	
Needle (at the time of delivery)	794 (Nm230) Nm130 ~ Nm280 or DY x 3 #21 ~ #28	
Thread	#8 ~ #0, B92 ~ B277, Nm=30/3 ~ 8/3	
Lubrication	By an oiler	
Lubricating oil	JUKI New Defrix Oil No.1 (equivalent to ISO VG7)	
Bobbin wider	Built on the machine arm	
Distance from needle to machine arm	420mm	
Bed size	656mm x 253mm	
Weight of the machine head	65kg	

WHEN YOU PLACE ORDERS



Auto-lifter	Code
Not provided	
Knee switch type (AK72A)	A
Pedal switch type (AK72B)	B

1-needle, Semi-long Cylinder-Bed, Lockstitch Machine with a Large Shuttle-hook for Extra heavy-weight Materials

TSH-411 (bottom-feed)

TSN-421 (needle-feed)

TSU-471 (top & bottom-feed)

TSC-441 (unison-feed)

- The machine has a wider free space under the machine arm to allow the operator to easily place and remove a large sewing products. In addition, the machine has outstanding capabilities in the sewing of sharp curves.
- The lifting range of the presser foot is up to 20mm for smooth placement/removal of extra heavy-weight materials.
- The machine comes with a large shuttle-hook. This type of shuttle-hook helps to reduce the frequency of bobbin thread replacement and is best suited for the sewing of extra heavy-weight materials sewn with lower-count threads.



TSC-441

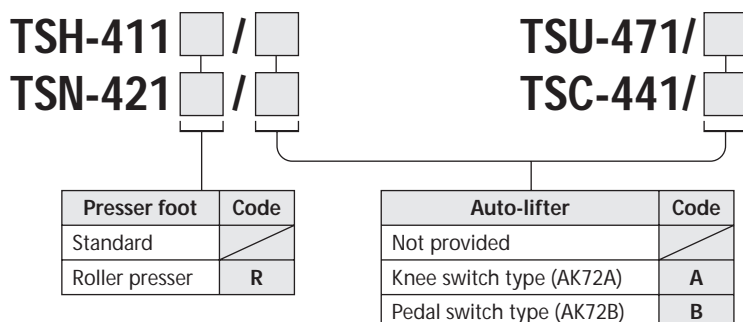
FEATURES

Model name	Feature	Application
TSH-411	The TSH-411 can be modified to sew sharp curves by replacing the presser foot with a roller presser.	Decorative stitches on shoes, bag handles, etc.
TSN-421	With its bottom-feed and feed-dog feed, the machine sews articles entirely free from uneven material feed.	Shoes, seat belts, etc.
TSU-471	The top-feed amount is adjustable within the range of $\pm 30\%$ of the bottom-feed.	Gloves, tents, bags, bag handles, shirring, tape-attachment with a binder installed on the machine, etc.
TSC-441	A top & bottom-feed mechanism has been added to the machine's needle-feed system. This ensures a higher feed efficiency and the production of higher-quality seams without uneven material feed.	Bags, pouches, shoes, seat belts, etc.

SPECIFICATIONS

Model name	TSH-411	TSN-421	TSU-471	TSC-441
Feed system	Bottom-feed	Needle-feed	Top & bottom-feed	Unison-feed
Max. sewing speed	800rpm			
Max. stitch length	11mm (normal/reverse feed)			
Needle bar stroke	56mm			
Lift of the presser foot	By hand: 12mm, By pedal: 20mm			
Thread take-up	Cam-type			
Alternating vertical movement				4 ~ 8mm
Hook	Large capacity shuttle hook			
Needle (at the time of delivery)	794 (Nm230) Nm130 ~ Nm280			
Thread	#8 ~ #0, B92 ~ B277, Nm30/3 ~ 8/3			
Lubrication	By an oiler			
Lubricating oil	JUKI New Defrix Oil No.1 (equivalent to ISO VG7)			
Bobbin winder	Built on the machine arm			
Distance from needle to machine arm	420mm			
Cylinder-bed diameter	81mm			
Weight of the machine head	56kg			

WHEN YOU PLACE ORDERS



Super-long Cylinder-bed, 1-needle, Lockstitch Machine with a Large Shuttle-hook for Extra heavy-weight Materials

TSC-461

- It is equipped with a free space under the arm as wide as 950mm, which means that the machine is capable of sewing large materials, long-sized materials and tubular sewn products with ease.
- The lift of the presser foot is high as 20mm.
The lifting amount of the presser foot is sufficient to sew extra heavy-weight materials.
- The machine comes with a large shuttle hook and large bobbin which have been exclusively designed for sewing extra heavy-weight materials: these reduce the frequency of bobbin replacement, thereby leading to higher efficiency in sewing extra heavy-weight materials using thick threads. When compared with the conventional 45K bobbin, the amount of thread wound around the newly developed large bobbin is increased by 50%.
- **Applications**
Carrying bags, transportation equipment, sporting goods.



TSC-461

SPECIFICATIONS

Model name	TSC-461
Max. sewing speed	650rpm
Max. stitch length	11mm (normal/reverse feed)
Needle bar stroke	56mm
Lift of the presser foot	By hand: 12mm, By pedal: 20mm
Reverse feed stitching method	By lever
Thread take-up	Cam type thread take-up
Alternating vertical movement	4 ~ 8mm
Hook	Large capacity shuttle hook
Needle (at the time of delivery)	794 (Nm230) Nm=130 ~ Nm280
Thread	#8 ~ #0, B92 ~ B277, Nm=30/3 ~ 8/3
Lubrication	By an oiler
Lubricating oil	JUKI New Defrix Oil No.1 (equivalent to ISO VG7)
Bobbin wider	Built on the machine arm
Top-feed method	Interlocked with the bottom-feed mechanism
Distance from needle to machine arm	950mm

WHEN YOU PLACE ORDERS

TSC-461/

Auto-lifter	Code
Not provided	
Pedal switch type (AK78)*	B

*** Subclass model: TSC-461/AK78**

The conventional presser foot lifting pedal needs to be operated applying a considerably high pressure on it, which means that the operator gets tired of depressing the pedal. This machine, however, allows the operator to lightly lift the presser foot using the pedal. Thanks to the micro computer-controlled motor, the needle stop position can be controlled as desired.