

**JUKI**

**LG-158** (2-needle)

**LG-158-1** (1-needle)

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



LG-158

*With a generous 750 mm of free space under the arm and powerful unison-feed that provides a maximum stitch length of 10 mm, the machine delivers outstanding productivity when sewing heavy materials such as tents and sheets.*

**LG-158 • LG-158-1**

**The machine head structure is designed to improve operability.**

- With its 750 mm wide space under the arm and a handwheel mounted at the middle of arm, the machine is ideal for the sewing of heavy materials such as tents and sheets. A large material can be sewn while spread over the bed.
- The bobbin winder is installed at the front face of the arm for easy operation.
- The presser foot goes up as high as 21.5 mm to ensure easy placement/removal of extra heavy-weight materials.



**Consistent seam quality**

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.



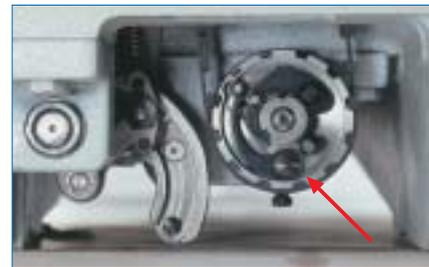
**The frequency of bobbin thread replacement is reduced.**

Since the machine incorporates a vertical-axis large hook, the frequency of bobbin thread replacement is reduced, further increasing efficiency.



**Safety device protects the needle and hook from damage.**

If the thread gets caught in the hook, the safety device is automatically actuated, preventing possible hook damage. Pressing the reset button will immediately return the machine to the normal state.



**Specifications**

Model name	LG-158	LG-158-1
	2-needle	1-needle
Max. sewing speed	1,500sti/min*	
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 × 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 × 230mm	
Weight of the machine head	108kg	

\* "sti/min" stands for "Stitches per Minute."

- To order, please contact your nearest JUKI distributor.

**When you place orders**

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

**LG158 U LG1581U**

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



Registered Organization : JUKI CORPORATION Head Office  
 The Scope of the Registration : The activities of research, development, design, sales, distribution, and maintenance services of industrial sewing machines, household sewing machines and industrial robots, etc., including sales and maintenance services of data entry systems.

**JUKI**  
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- \* Specifications and appearance are subject to change without prior notice for improvement.
- \* Read the instruction manual before putting the machine into service to ensure safety.
- \* This catalogue prints with environment-friendly soy ink on recycle paper.