

BE5623TOCOD

JUKI UNISON FEED Machine Series



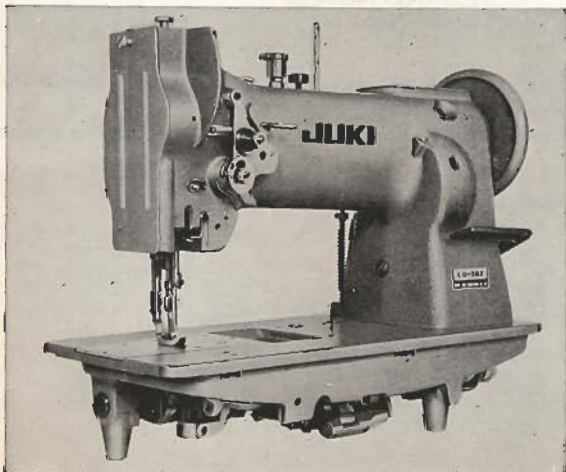
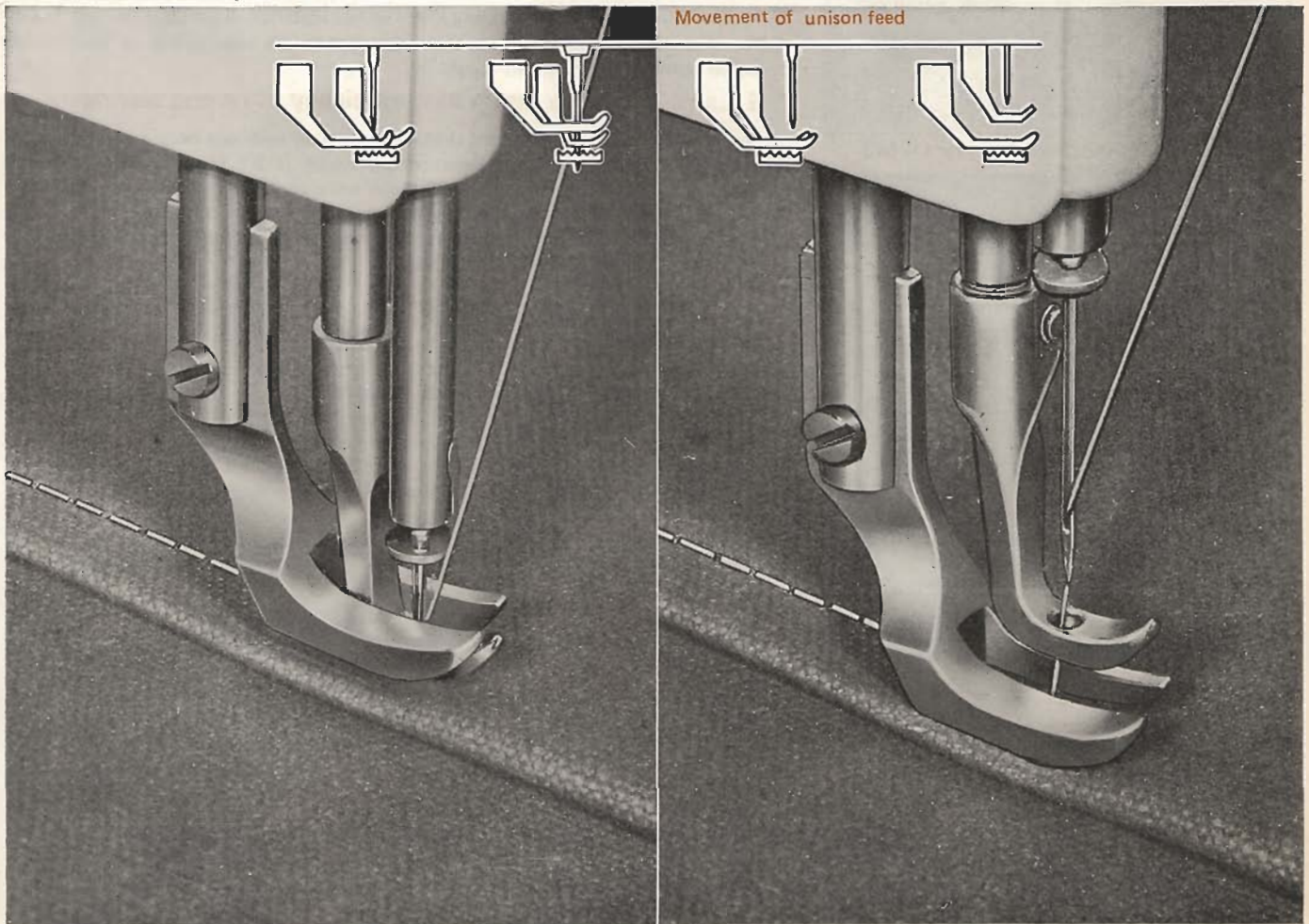
Large bobbin

JUKI® LU-562·3

SINGLE NEEDLE, LOCKSTITCH, UNISON FEED, (NEEDLE FEED, WALKING FOOT AND FEED DOG) INDUSTRIAL SEWING MACHINE



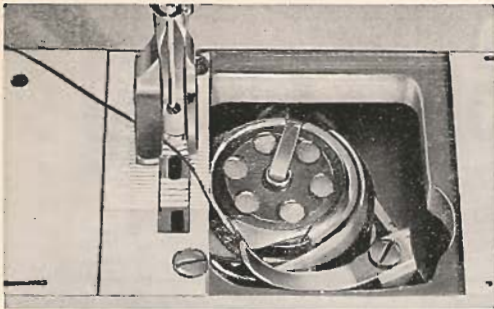
IDEAL SLIPPAGE-FREE, HEAVY DUTY LOCKSTITCH MACHINES FOR SEWING HEAVY WEIGHT MATERIALS... TENTS, AWNINGS, SEATS, LEATHER COATS, GLOVES, AUTO SEATS, CEILINGS, ETC.



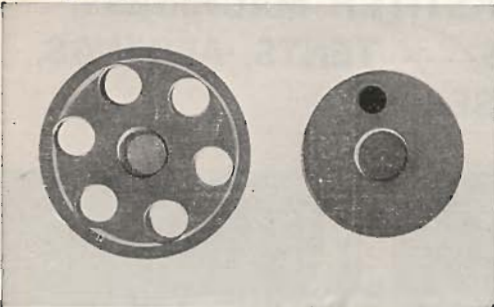
Model LU-562 & LU-563 Machines are equipped with walking foot, needle feed and feed dog, all of which act completely in unison. Consequently, the upper or lower sewing cloth does not slip and also these machines can sew accurately and easily several sheets of heavy weight materials piled up together. Due to this powerful feature, these machines are best suited for sewing tents, seats, interior furnishings of automobiles, etc. Also, LU-562-3 and LU-563-3 are the subclass machines which have not the reverse feed. And, LU-563-3 is capable of sewing stitch length of maximum of 10mm(25/64") and therefore best suited for sewing all heavy weight or extremely heavy weight materials such as canvas material, etc.

- * LU-562 With Reverse Feed
- * LU-562-3 Without Reverse Feed
- * LU-563 Large Bobbin With Reverse Feed
- * LU-563-3 Large Bobbin Without Reverse Feed

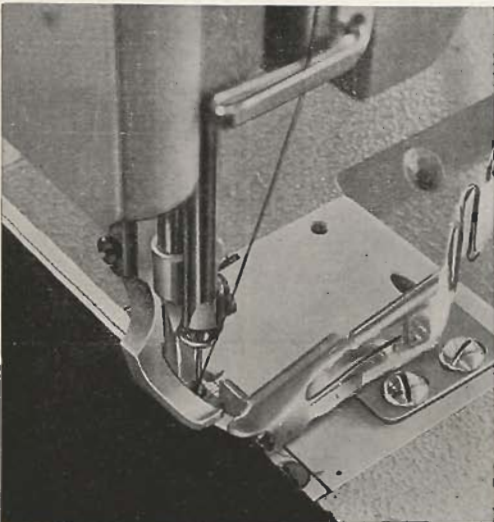
◀ Model LU-562



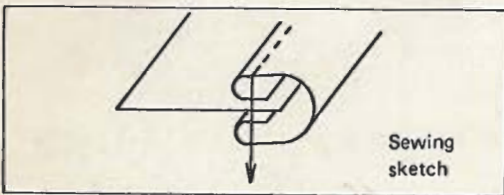
Sewing components



Bobbins: Left for LU-563 and Right for LU-562



Riping sewn with N004



TAPE PIPING ATTACHMENT(N004)

Usage Tape piping of general fabric and clothing.
 Edge binding of general fabric and garments.

Width of tape 20 mm(51/64")
 Finished dimension 5 mm(13/64")

1. Positive feed mechanism

As the walking foot and needle feed motions are transmitted to the feed dog motion, three feed motions are unisoned perfectly. When several piles of cloth are sewn together, the upper and lower sewing cloth do not slip and therefore no puckerings are formed. Walking foot stroke can be easily adjusted by loosening a butterfly screw on the back side of the machine.

2. Maximum stitch length 7 mm(9/32")

LU-562 and LU-563 can make maximum stitch length of up to 7mm(9/32") for heavy duty work and the stitch length can be readily regulated by pressing a push button on the machine bed and turning the hand wheel. The stitch length, once set, never changes during the sewing operation.

3. Smooth and quiet running

Ball bearings are used for rear bushings of main shaft and hook shaft and a timing belt is used to connect these two shafts. This minimizes the running sound and vibration of the machine during the sewing operation.

4. Sturdy durability

As durability is essential for sewing heavy weight materials, these machines are equipped with ball bearings and all shaft components are constructed of heat-treated special steel to ensure sound durability.

5. Large bobbin to assure high efficiency of reverse sewing

For straight lockstitching, the LU-563 is equipped with not only a reverse sewing mechanism, but also with a large bobbin which is 2.3 times larger than model LU-562. The lubrication to the sewing hook components is automatic and adjustable to ensure high sewing efficiency. Also, the sewing hook components of LU-563 are thoroughly lubricated to prevent scattering of dust from throat plate and its parts to create ideal sewing conditions.

LU-562, LU-562-3 SPECIFICATIONS

Sewing speed	Up to 3,000 s.p.m.
Stitch length	Maximum 7 mm(9/32")
Needle bar stroke	33.36 mm(1-5/16")
Presser bar lift	By knee lifter 10 mm(25/64") By hand lifter 4mm(11/64")
Needles	DP X 17(137 X 17) or DI X 3(29 X 3) #18 #23
Feed mechanism	Unison feed : walking foot, feed dog and; needle feed
Thread take-up	Slide type stroke 117 mm(4-39/64")
Stitch regulator	Eccentric feed adjuster (link adjusting system for upper feed)
Sewing hook	Vertical axis rotary hook
Hook shaft driving system . . .	Timing belt with safety device
Lubrication	Hand oiling system
Weight of head	29 kgs(63.8 lbs.)
Motor	1/2 HP clutch motor 3-phase, 400 W
Belt	9.5 mm(3/8") width M type

LU-563 SPECIFICATIONS

Sewing speed	Up to 2,500 s.p.m.
Sewing hook	Vertical axis rotary hook with automatic lubricating large hook (large bobbin) (All other specifications are identical with LU-562.)

LU-563-3 SPECIFICATIONS

Sewing speed	Up to 2,500 s.p.m.
Stitch length	*10 mm(25/64")

*(Note)

1. Depending on the kind of material, sewing speed and other sewing conditions, up to 10 mm stitch length can be sewn.
2. When ordering, please specify the sewing requirements and also send us a sewn sample material.

(All other specifications are identical with LU-562 & LU-563.)

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