

## TU-273U

1-needle, Semi-long Flat Bed, Lockstitch Machine  
with a Large Shuttle-hook for Extra-heavy-weight Materials (Top & bottom feed)

## TNU-243U

1-needle, Semi-long Flat Bed, Lockstitch Machine  
with a Large Shuttle-hook for Extra-heavy-weight Materials (Unison feed)



TNU-243U



*The machine is optimally suited for the sewing of extra-heavy-weight materials such as tents, seat belts, and bag handles.*

## TU-273U (Top & bottom feed)

The top feed amount is adjustable within the range of  $\pm 20\%$  of the bottom feed amount.

## TNU-243U (Unison feed)

Thanks to the TNU-243U's unison-feed mechanism, the machine's higher feed efficiency guarantees the output of high-quality seams free from uneven material feed.

### Higher lift of the presser foot

The lifting range of the presser foot is as high as 20mm for smooth placement/removal of extra-heavy-weight materials.

### Frequency of bobbin thread replacement is reduced

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.

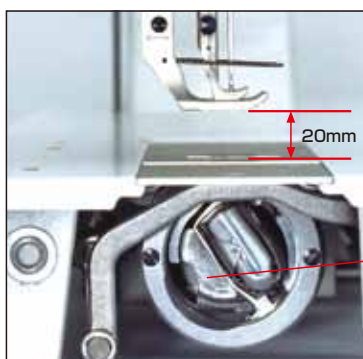
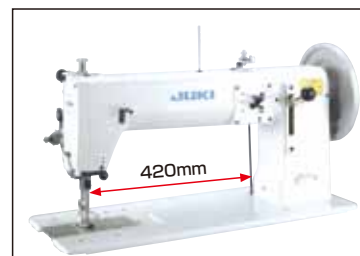
### The bobbin winder is built into the front portion of the machine

The bobbin winder is built into the front portion of the machine arm for easy manipulation.



### Wider space under the machine arm

The machine has a wider free space under the machine arm to allow the operator to easily place and remove a large sewing products.



Large shuttle hook

## Specifications

Model name	TU-273U	TNU-243U
Feed system	Top & bottom-feed	Unison-feed
Max. sewing speed	800sti/min*	
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×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 winder	Built on the machine arm	
Distance from needle to machine arm	420mm	
Bed size	656mm×253mm	
Weight of the machine head	65kg	

\* "sti/min" stands for "Stiches 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:

### ■ TU273U/□

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

### ■ TNU243U/□

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



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 soyink on recycle paper.