

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×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 × 253mm	
Weight of the machine head	65kg	

WHEN YOU PLACE ORDERS

TU-273/

TNU-243/

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