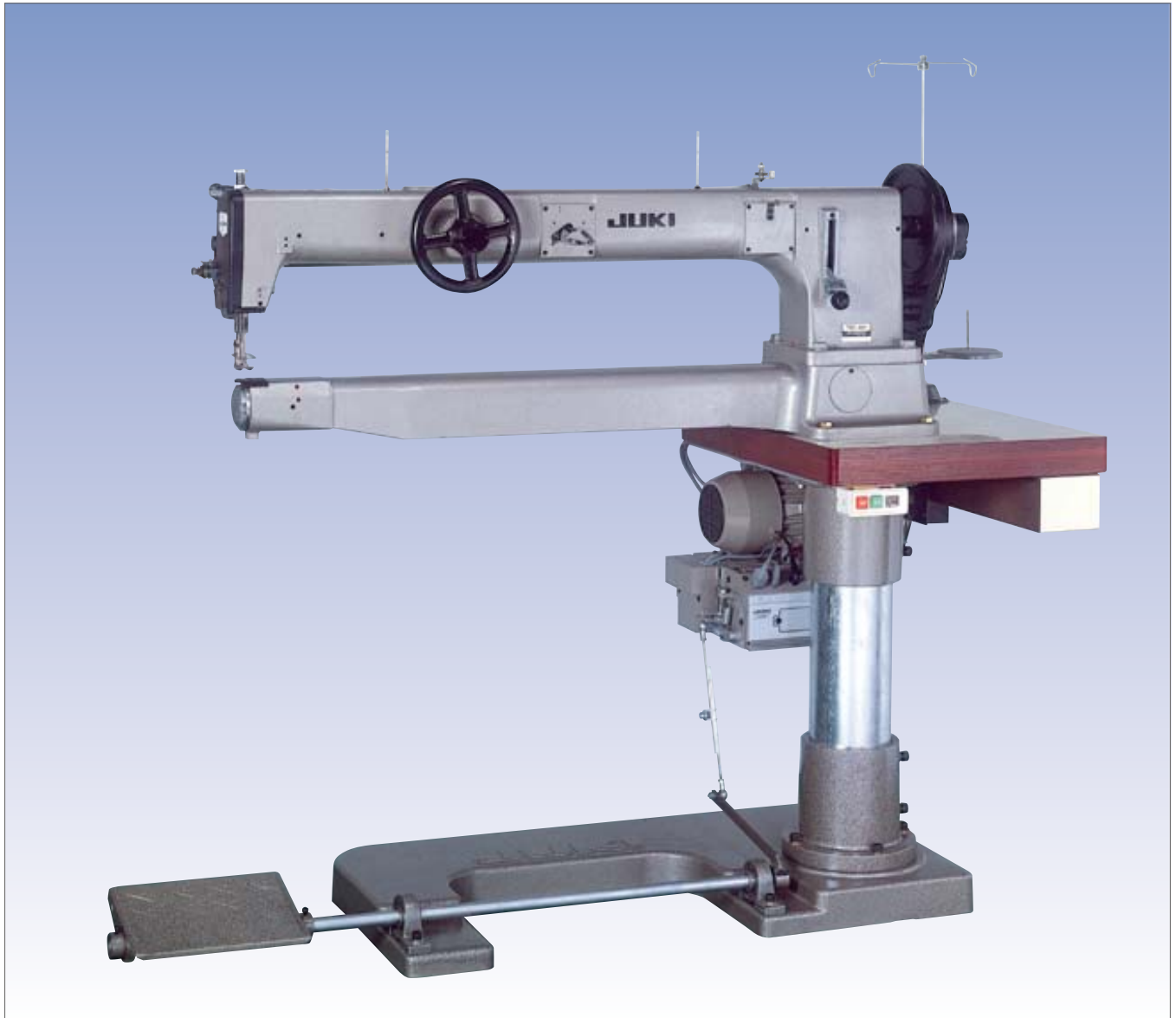


Super-long Cylinder-bed, 1-needle, Lockstitch Machine  
with Large Shuttle-hook for Extra Heavy Materials

# TSC-461



The machine is capable of powerfully feeding the materials which cannot be smoothly fed by conventional machines

## FEATURES

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 materials.

The machine incorporates a build-in type bobbin winder.

The machine is equipped with a built-in type bobbin winder which the operator can reach during sewing.

The machine is also provided with a large shuttle hook and large bobbin, which are used for sewing extra heavy materials.

The machine comes with a large shuttle hook and large bobbin which have been exclusively designed for sewing extra heavy materials: these reduce the frequency of bobbin replacement, thereby leading to higher efficiency in sewing extra heavy materials using thick threads.

The amount of thread wound around a bobbin is dramatically increased.

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.

## 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 winder	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

TSC461/ 

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.

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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 catalog is printed on recycle paper.