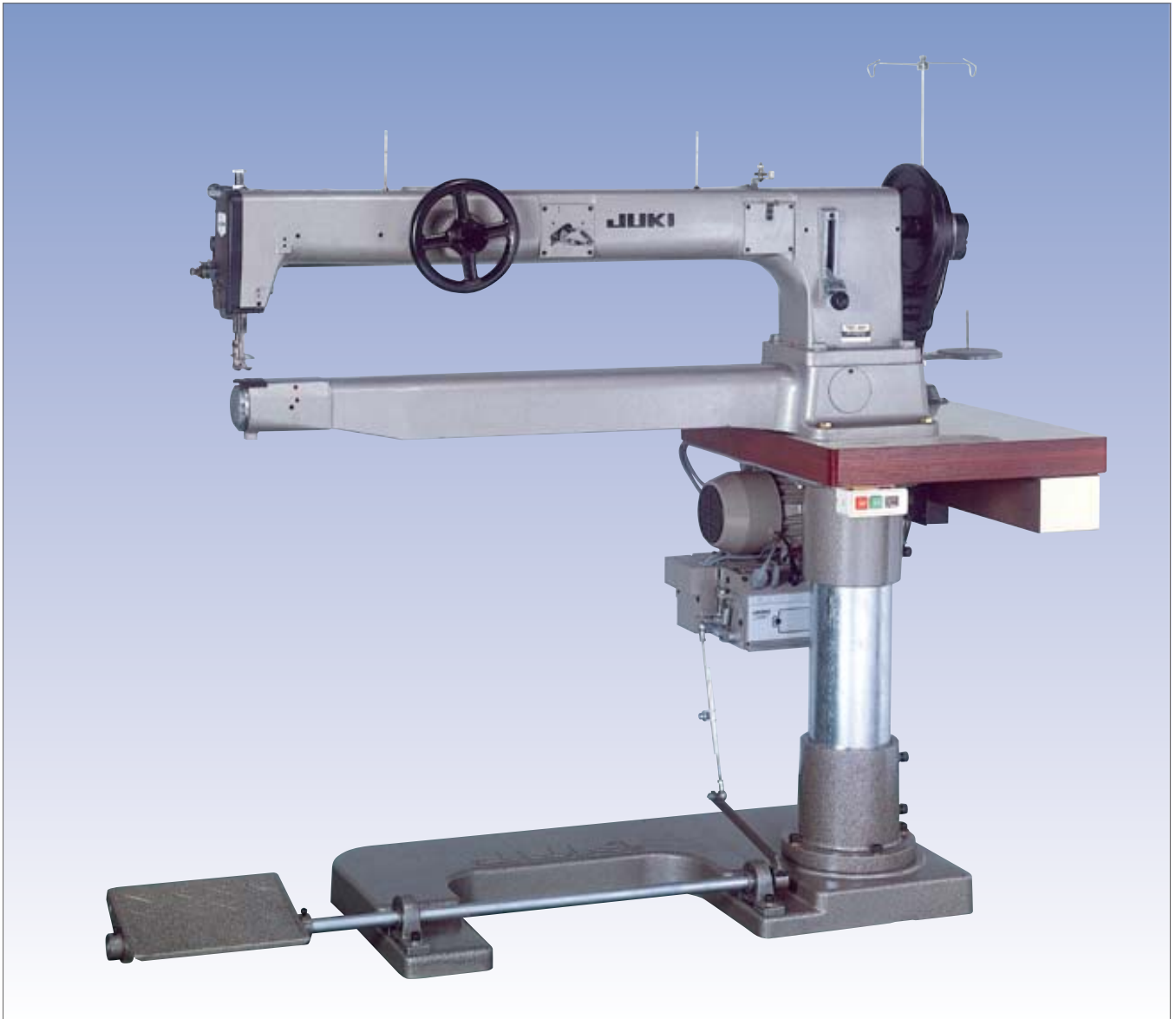


Super-long Cylinder-bed, 1-needle, Lockstitch Machine  
with Large Shuttle-hook for Extra Heavy Materials

# 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.

**JUKI**  
JUKI CORPORATION  
MARKETING & SALES H.Q.

8-2-1, KOKURYO-CHO, CHOFU-SHI,  
TOKYO 182-8655, JAPAN  
PHONE : (81) 3-3480-2357, 2358  
FAX : (81) 3-3430-4909, 4914  
<http://www.juki.com>

BILLS SEWING MACHINE CO  
301 MAIN AVE EAST  
HILDEBRAN, NC 28637  
BRS@BILLSEWING.COM  
WWW.BILLSEWING.COM  
(828) 397-6941 (828) 328-5816

\* 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.