

# DSU-145 Series

Cylinder-bed, 1-needle, Top and Bottom-feed, Lockstitch Machine  
with Automatically Lubricated for Hook



# DSU-145 Series

JUKI's DSU series sewing machines smoothly sew tubular materials such as bags and shoes, demonstrating outstanding capabilities when sewing small-diameter sections.

## Consistent sewing performance at a high speed

The top-and-bottom feed mechanism provides upgraded feed efficiency, feeding heavy-weight material steadily and smoothly. Even when the machine runs at a high speed, this highly accurate feed mechanism promises consistent sewing performance with no irregular feed pitch.



## Optional devices make operation easier

### Automatic reverse feed function (equipped as standard for the DSU-145-7)

Reverse-feed stitching operation can be started simply by pressing the one-touch-type reverse-feed button. Furthermore, if a suspended ruler is attached on the machine or a 3-dimensional sewing product is sewn, the button can be shifted upward to prevent interruption.



## Maintenance-free hook components

By adopting an automatic lubrication system that automatically feeds oil to the hook, the need for hook maintenance is eliminated.



## Excellent for sewing sharp curves

The diameter of the cylinder bed is as small as 50mm. This allows the machine to sew sharp curves of bags, shoes and various small articles smoothly and easily.



## Higher lift of the presser foot

When using the knee lifter, the lift of the presser foot is as high as 15mm (13mm for the machine with a thread trimmer). With this extra space the operator can handle the material on the machine without any difficulties.



## SPECIFICATIONS

Model name	DSU-145	DSU-145-7
Max. sewing speed	2,000rpm	
Max. stitch length	6mm (forward/backward)	
Needle bar stroke	37mm	
Lift of the presser foot	By hand: 7mm, By knee: 15mm	By hand: 6mm, By knee: 13mm
Thread take-up	Link type	
Alternating vertical movement	2 ~ 5mm	
Hook	Horizontal-axis double-capacity hook	
Needle (at the time of delivery)	DP x 17 (#21) #14 ~ #22	
Thread	#50 ~ #8, B33 ~ B92, Nm=120/3 ~ 30/3	
Lubrication	By an oiler (hook: automatic)	
Lubricating oil	JUKI New Defrix Oil No.1 (equivalent to ISO VG7)	
Cylinder-bed diameter	50mm	
Distance from needle to machine arm	270mm	
Weight of the machine head	36kg	39kg
Automatic reverse feed function	-	Provided as standard
Power requirement	-	Single-phase 100 ~ 120V, 220 ~ 240V 3-phase 200 ~ 240V

## WHEN YOU PLACE ORDERS

Please note when placing orders, that the model name should be written as follows:

### Without automatic thread trimmer

**DSU145**

### With automatic thread trimmer

**DSU14570B/** 

Pneumatic auto-lifter	Code
Pedal switch type (AK130B)	<b>B</b>
Knee switch type (AK130C)	<b>C</b>
Not provided	

● To order, please contact your nearest JUKI distributor.



### JUKI CORPORATION HEAD OFFICE

Juki Corporation operates an environmental management system to promote and conduct the following as the company engages in the research, development, design, sales, distribution, and maintenance of industrial sewing machines, household sewing machines, industrial robots, etc., and in the provision of sales and maintenance services for data entry systems:

- ① The development of products and engineering processes that are safe to the environment
- ② Green procurement and green purchasing
- ③ Energy conservation (reduction in carbon-dioxide emissions)
- ④ Resource saving (reduction of papers purchased, etc.)
- ⑤ Reduction and recycling of waste
- ⑥ Improvement of logistics efficiency (modal shift and improvement of packaging, packing, etc.)

**JUKI**® 8-2-1, KOKURYO-CHO, CHOFU-SHI,  
TOKYO 182-8655, JAPAN  
PHONE : (81) 3-3480-2357, 2358  
FAX : (81) 3-3430-4909  
JUKI CORPORATION  
MARKETING & SALES H.Q. <http://www.juki.com>

\* 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 soy ink on recycle paper.