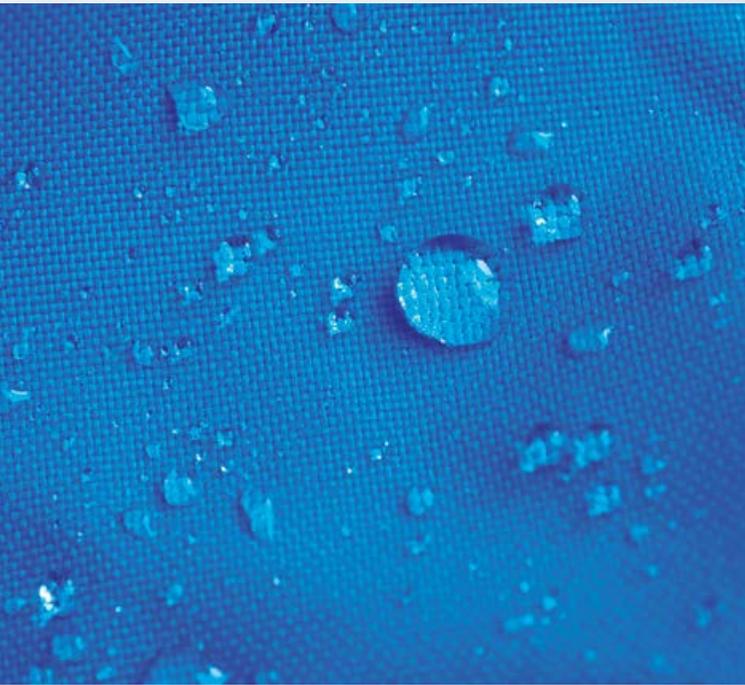


**SOLUTIONS  
FOR BAG  
PRODUCTION**





# SOLUTIONS FOR BAG PRODUCTION

Juki has been producing sewing machines for over 80 years and our competency in making efficient and reliable machines has only improved over that time.

Juki is a Japanese company renowned for its innovative technologies and superior quality.

This catalogue shows a number of Juki sewing machines dedicated to all aspects of bag production. The selection of machines is based on the use of heavy duty material most often seen in this type of application. You can find the newest models from our Digital Series with the latest technologies that simplify operation, save time and increase efficiency.

Our sewing machines are used the world over by businesses that want a reliable and efficient production process with the ease of mind that come with the names JUKI.



## BINDING

### DSC-245U/X55278

Cylinder-bed, 1-needle, Unison-feed, Lockstitch Machine

The machine provides good tightness of seams even with lower thread tension and reduces the variances of stitch length at high and low speed. Thanks to a slide take-up lever, the responsiveness to thick threads has been further improved, and the ratio of alternating vertical movement remains unchanged even with the changes of material thickness.



Model Name	DSC-245U/X55278	DSC-2228V-7	LU-2810A-7	LU-2810V
Max. sewing speed	2.200 sti/min.	2.500 sti/min.	3.000 sti/min.	3.500 sti/min.
Stitch length	6 mm	6 mm	9 mm	9 mm
Presser foot lift	16 mm	10-20 mm	20 mm	20 mm
Alternating vertical movement	2.5-6.5 mm	1-9 mm	1-9 mm	1-9 mm
Needle bar stroke	36 mm	40 mm	40 mm	40 mm
Stitch length	135×17 (Nm130) Nm100~Nm180	80-140	135—17 Nm160 (Nm125~Nm180)	135—17 Nm160 (Nm125~Nm180)
Hook	Horizontal-axis full-rotary	Horizontal axis	Vertical axis 2.0 fold-capacity	Vertical axis 2.0 fold-capacity

## TOP STITCH

### LU-2810-VBO-XXS

1-needle Lockstitch Machine with Oscillating Arm and Unison Feed

Machine with oscillating arm, needle guard hook, triple feeding and XXS rotating post bad which allows sewing even the smallest elements of a bag. Model allows top stitching of all sides, very close to the edge thanks to the raised needle plate. The revolutionary oscillating arm is synchronized with the operator's chair which enables easy handling bot big and small objects.



Model Name	LU-2810-VBO-XXS	LU-2810-VBG-XXS	LU-2810V-VCA 40-02-XXS	DSC-2228V-7
Max. sewing speed	1400 sti/min.	1.800 sti/min.	1.500 sti/min.	2.500 sti/min.
Stitch length	5 mm	5 mm	6 mm	6 mm
Presser foot lift	20mm	20mm	20mm	10-20 mm
Alternating vertical movement	-	1-9mm	1-9mm	1-9 mm
Presser foot stroke	Programmable	-	-	-
Needle bar stroke	40 mm	40 mm	40 mm	40 mm
Needle	134x35; 90 -160	134x35; 90 -160	134x35; 90 -160	80-140
Hook	Small rotative hook with horizontal axis	Small rotative hook with vertical axis	Small rotative hook with horizontal axis	Horizontal axis





## HANDLE

### PLK-J2516-YU

#### Computer-controlled Cycle Machine with Input Function

Digital tension function optimizes thread tightness in all stitching directions. Independent presser foot motion prevents the fabric from lifting up. Thanks to that needle is stable and stitch skipping reduced. Easy operation and maintenance guarantees colour LCD touch panel with USB port and ergonomic design.



Model Name	PLK-J2516-YU	PLK-J6040	LS-2342	DSC-2228V-7	LU-2810V
Max. sewing speed	2.300 sti/min.	2.000 sti/min.	2.500 sti/min.	2.500 sti/min.	3.500 sti/min.
Stitch length	0.1 to 20 mm (min. resolution 0.1 mm)	0.1 to 20 mm (min. resolution 0.1 mm)	9 mm	6 mm	9 mm
Presser foot lift	18 mm (max. 22 mm)	18 mm (max. 24 mm)	20 mm	10-20 mm	20 mm
Alternating vertical movement	-	-	1-9 mm	1-9 mm	1-9 mm
Presser foot stroke	max. 10 mm	max. 10 mm	-	-	-
Needle bar stroke	40 - 41 mm	41 - 51 mm	40 mm	40 mm	40 mm
Needle	DP×17 #18	DP×17 #18	134×35 (Nm100~Nm180, Nm140)	80-140	135—17 Nm160 (Nm125~Nm180)
Hook	Double-size shuttle	Double-size shuttle	Vertical-axis 1.6 fold-capacity	Horizontal axis	Vertical axis 2.0 fold- capacity

## HANDLE SEWING

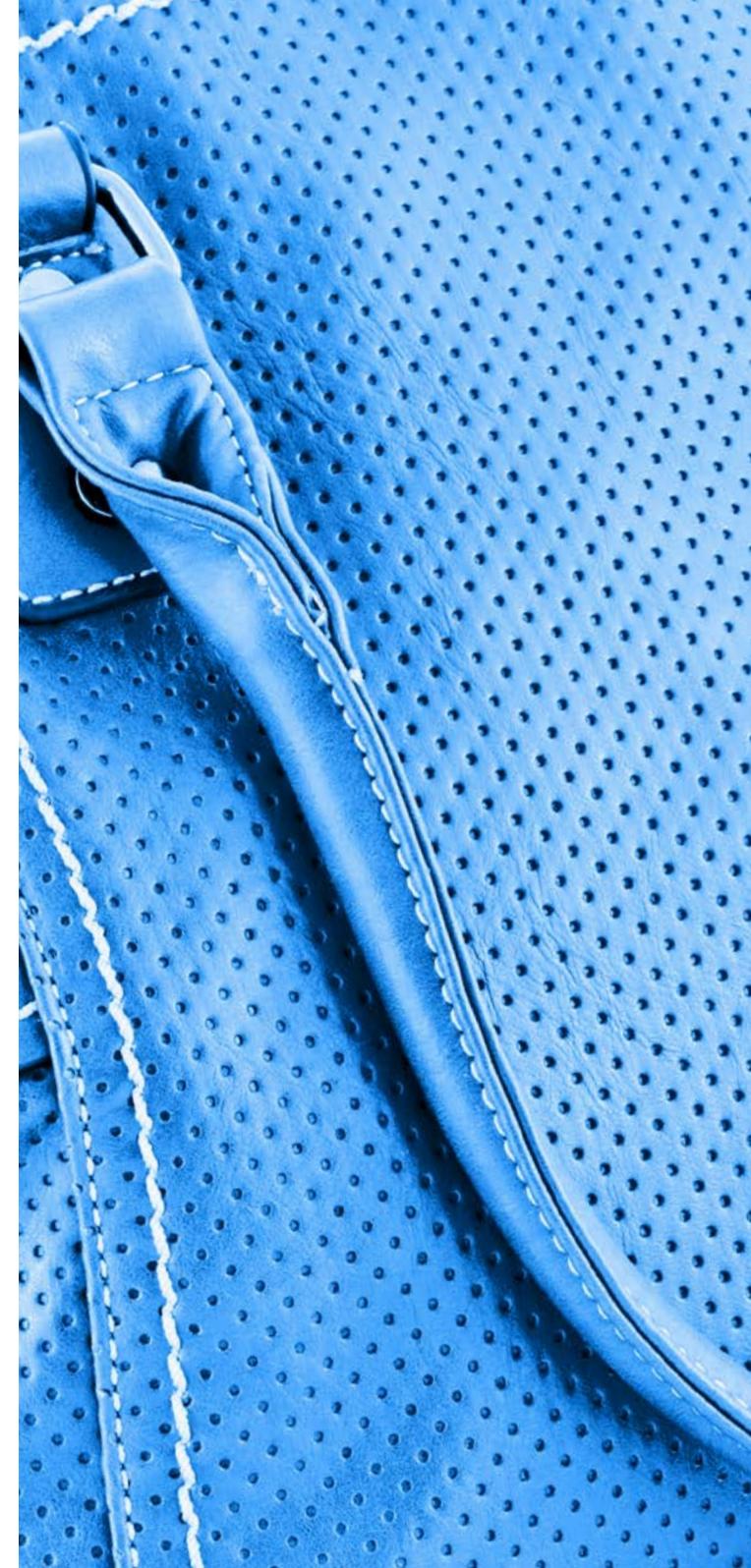
### LS-2328V-7

Semi-Dry Direct-drive, Cylinder-bed, 1-needle, Unisonfeed, Lockstitch Sewing System with Vertical-axis Hook

This model is the world's first digital cylinder bed machine. With the operational benefits of easy parameter adjustments, NFC communication and sewing profiles this is the industries leading solution for its segment. The wide cylinder bed allow for improved workability.



Model Name	LS-2328V-7	DSC-2228V-7	LU-2810V
Max. sewing speed	3.500 sti/min.	2.500 sti/min.	3.500 sti/min.
Stitch length	9 mm	6 mm	9 mm
Presser foot lift	20 mm	10-20 mm	20 mm
Alternating vertical movement	1-9 mm	1-9 mm	1-9 mm
Needle bar stroke	40 mm	40 mm	40 mm
Needle	134x35 Nm140 (#22), Nm125-180 (#20-#24)	80-140	135-17 Nm160 (Nm125-Nm180)
Hook	Vertical axis 2.7 fold-capacity hook	Horizontal axis	Vertical axis 2.0 fold- capacity





## STRAP

### AMS-210EN

#### Computer-controlled Cycle Machine with Input Function

The sewing machine achieves the maximum sewing speed up to 2.800 sti/min. As a result, cycle time is dramatically reduced. The feed accuracy is substantially improved due to the adoption of the encoder control system. The AMS Series models substantially decrease power consumption. They have been designed to achieve ecofriendliness.



Model Name	AMS-210EN	PLK-J2516-YU	LU-2810V
Max. sewing speed	2.800 sti/min.	2.300 sti/min.	3.500 sti/min.
Stitch length	0.1 - 12.7 mm (0.05 mm step)	0.1 to 20 mm (min. resolution 0.1 mm)	9 mm
Presser foot lift	20 mm	18 mm (max. 22 mm)	20 mm
Alternating vertical movement	-	-	1-9 mm
Presser foot stroke	max. 10 mm	max. 10 mm	-
Needle bar stroke	41.2 mm	41.2 mm	40 mm
Needle	DPx17 (#18)	DPx17 #18	135-17 Nm160 (Nm125~Nm180)
Hook	Double-capacity shuttle hook	Double-capacity shuttle hook	Vertical axis 2.0 fold- capacity

## ZIPPER TAB

### LS-2328V-7

Semi-Dry Direct-drive, Cylinder-bed, 1-needle, Unisonfeed, Lockstitch Sewing System with Vertical-axis Hook

This model is the world's first digital cylinder bed machine. With the operational benefits of easy parameter adjustments, NFC communication and sewing profiles this is the industries leading solution for its segment. The wide cylinder bed allow for improved workability.



Model Name	LS-2328V-7	PLK-J2516-YU	PLK-J6040	AMS-210EN
Max. sewing speed	3.500 sti/min.	2.300 sti/min.	2.000 sti/min.	2.800 sti/min.
Stitch length	9 mm	0.1 to 20 mm (min. resolution 0.1 mm)	0.1 to 20 mm (min. resolution 0.1 mm)	0.1 - 12.7 mm (0.05 mm step)
Presser foot lift	20 mm	18 mm (max. 22 mm)	18 mm (max. 24 mm)	18 mm (max. 22 mm)
Alternating vertical movement	9 mm	-	-	-
Presser foot stroke	-	max. 10 mm	max. 10 mm	max. 10 mm
Needle bar stroke	40 mm	41.2 mm	41.2 mm	41.2 mm
Needle	134x35 Nm140 (#22), Nm125-180 (#20-#24)	DP×17 #18	DP×17 #18	DP×17(#18)
Hook	Vertical axis 2.7 fold-capacity hook	Double-capacity shuttle hook	Double-capacity shuttle hook	Double-capacity shuttle hook





## PIPING

### LS-2328V-7

Semi-Dry Direct-drive, Cylinder-bed, 1-needle, Unisonfeed, Lockstitch Sewing System with Vertical-axis Hook

This model is the world's first digital cylinder bed machine. With the operational benefits of easy parameter adjustments, NFC communication and sewing profiles this is the industries leading solution for its segment. The wide cylinder bed allow for improved workability.



Model Name	LS-2328V-7	DSC-2228V-7	LU-2810V
Max. sewing speed	3.500 sti/min.	2.500 sti/min.	3.500 sti/min.
Stitch length	9 mm	6 mm	9 mm
Presser foot lift	20 mm	10-20 mm	20 mm
Alternating vertical movement	9 mm	1-9 mm	1-9 mm
Needle bar stroke	40 mm	40 mm	40 mm
Needle	134x35 Nm140 (#22), Nm125-180 (#20-#24)	80-140	135-17 Nm160 (Nm125~Nm180)
Hook	Vertical axis 2.7 fold-capacity hook	Horizontal axis	Vertical axis 2.0 fold-capacity

## POCKET COMPARTMENT

### DSC-2228V-7

Cylinder-bed, 1-needle, Unison-feed, Lockstitch Machine with Automatic Thread Trimmer

Small-diameter cylinder bed machine equipped with digital display for the control of thread tension, stitch length, presser foot pressure, foot lift and sewing speed, automatic recognition of different material thickness and automatic adaption of the sewing parameters to the detected thickness. Machines enables easy programming and storing. Built NFC technology helps with information and program exchange with other machines in the production line as well as online assistance.



Model Name	DSC-2228V-7	LS-2328V-7	LU-2810V	PLK-J6040
Max. sewing speed	2.500 sti/min.	3.500 sti/min.	3.500 sti/min.	2.000 sti/min.
Stitch length	6 mm	9 mm	9 mm	0.1 to 20 mm (min. resolution 0.1 mm)
Presser foot lift	10-20 mm	20 mm	20 mm	18 mm (max. 24 mm)
Alternating vertical movement	9 mm	9 mm	1-9 mm	-
Presser foot stroke	-	-	-	max. 10 mm
Needle bar stroke	40 mm	40 mm	40 mm	41.2 mm
Needle	80-140	134x35 Nm140 (#22), Nm125-180 (#20-#24)	135-17 Nm160 (Nm125~Nm180)	DPx17 #18
Hook	Horizontal axis	Vertical axis 2.7 fold-capacity hook	Vertical axis 2.0 fold-capacity	Double-size shuttle hook





## BOTTOM BAG

### LS-2328V-7

Semi-Dry Direct-drive, Cylinder-bed, 1-needle, Unisonfeed, Lockstitch Sewing System with Vertical-axis Hook

This model is the world's first digital cylinder bed machine. With the operational benefits of easy parameter adjustments, NFC communication and sewing profiles this is the industries leading solution for its segment. The wide cylinder bed allow for improved workability.



Model Name	LS-2328V-7	PLK-J2516-YU	PLK-J6040	LU-2810V
Max. sewing speed	3.500 sti/min.	2.300 sti/min.	2.000 sti/min.	3.500 sti/min.
Stitch length	9 mm	0.1 to 20 mm (min. resolution 0.1 mm)	0.1 to 20 mm (min. resolution 0.1 mm)	9 mm
Presser foot lift	20 mm	18 mm (max. 22 mm)	18 mm (max. 24 mm)	20 mm
Alternating vertical movement	1-9 mm	-	-	1-9 mm
Presser foot stroke	-	max. 10 mm	max. 10 mm	-
Needle bar stroke	40 mm	41.2 mm	41.2 mm	40 mm
Needle	134x35 Nm140 (#22), Nm125-180 (#20-#24)	DPx17 #18	DPx17 #18	135-17 Nm160 (Nm125-Nm180)
Hook	Vertical axis 2.7 fold-capacity hook	Double-size shuttle hook	Double-size shuttle hook	Vertical axis 2.0 fold-capacity

## QUILTED/DECORATIVE

### AMS-251

#### Head turning type1 needle CNC sewing machine

AMS-251 is a high end 1 needle sewing machine provided with a machine-head-turning-mechanism. The model offers high quality seams uniformly in every sewing direction. JUKI's unique synchronization technology guarantees stable control of the machine head, hook, and feed mechanism thereby creating the most favorable seams. With it's sewing area of "1.000 mm x 600 mm" the AMS-251 is best suited to the sewing of decorative stitches and large size products.



Model Name	AMS-251	PLK-J6040
Max. sewing speed	2.500 sti/min.	2.000 sti/min.
Stitch length	0.1 mm - 12.7 mm	0.1 to 20 mm (min. resolution 0.1 mm)
Presser foot lift	max. 20 mm	18 mm (max. 24 mm)
Presser foot stroke	max. 10 mm	max. 10 mm
Needle bar stroke	41.2 mm	41.2 mm
Needle	DP x 17, #18 - 25 (#23)	DPx17 #18
Hook	Rotary Hook, Horizontal - Axis, 3 fold - capacity	Double-size shuttle hook





## LOGO/LABEL

### PLK-J2516-YU

Computer-controlled Cycle Machine with Input Function

Digital tension function optimizes thread tightness in all stitching directions. Independent presser foot motion prevents the fabric from lifting up. Thanks to that needle is stable and stitch skipping reduced. Easy operation and maintenance guarantees colour LCD touch panel with USB port and ergonomic design.



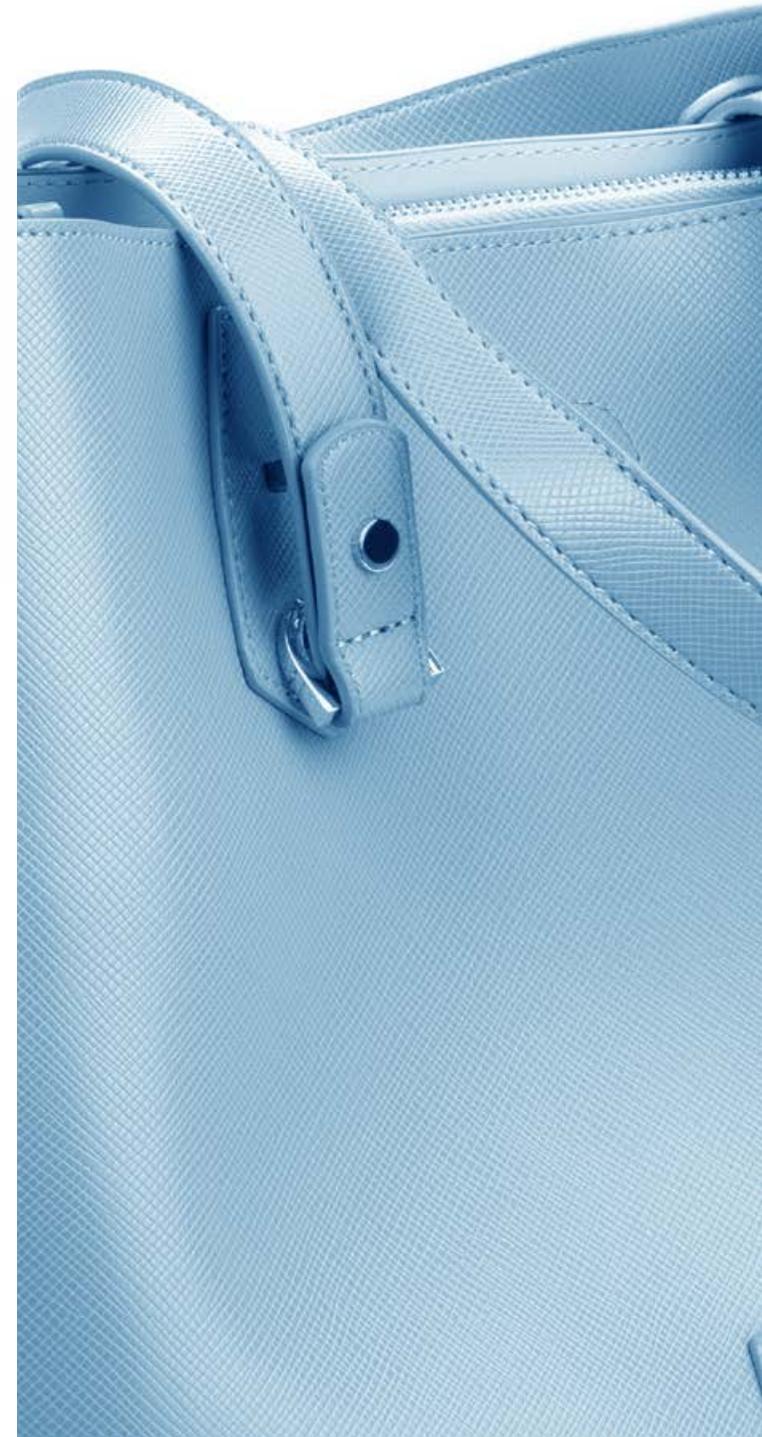
Model Name	PLK-J2516-YU	PLK-J6040	AMS-210EN	LS-2328V-7
Max. sewing speed	2.300 sti/min.	2.000 sti/min.	2.800 sti/min.	3.500 sti/min.
Stitch length	0.1 to 20 mm (min. resolution 0.1 mm)	0.1 to 20 mm (min. resolution 0.1 mm)	0.1 - 12.7 mm (0.05 mm step)	9 mm
Presser foot lift	18 mm (max. 22 mm)	18 mm (max. 24 mm)	18 mm (max. 22 mm)	20 mm
Alternating vertical movement	-	-	-	9 mm
Presser foot stroke	max. 10 mm	max. 10 mm	max. 10 mm	-
Needle bar stroke	41.2 mm	41.2 mm	41.2 mm	40 mm
Needle	DPx17 #18	DPx17 #18	DPx17 (#18)	134x35 Nm140 (#22), Nm125-180 (#20-#24)
Hook	Double-capacity shuttle hook	Double-capacity shuttle hook	Double-capacity shuttle hook	Vertical axis 2.7 fold-capacity hook

## SHOULDER BELT

### LS-2328V-7

Semi-Dry Direct-drive, Cylinder-bed, 1-needle, Unisonfeed, Lockstitch Sewing System with Vertical-axis Hook

This model is the world's first digital cylinder bed machine. With the operational benefits of easy parameter adjustments, NFC communication and sewing profiles this is the industries leading solution for its segment. The wide cylinder bed allow for improved workability.



Model Name	LS-2328V-7	DSC-2228V-7	LU-2810V
Max. sewing speed	3.500 sti/min.	2.500 sti/min.	3.500 sti/min.
Stitch length	9 mm	6 mm	9 mm
Presser foot lift	20 mm	10-20 mm	20 mm
Alternating vertical movement	1-9 mm	1-9 mm	1-9 mm
Needle bar stroke	40 mm	40 mm	40 mm
Needle	134x35 Nm140 (#22), Nm125-180 (#20-#24)	80-140	135-17 Nm160 (Nm125-Nm180)
Hook	Vertical axis 2.7 fold-capacity hook	Horizontal axis	Vertical axis 2.0 fold-capacity



## CARD HOLDER

### PLK-J2516-YU

#### Computer-controlled Cycle Machine with Input Function

Digital tension function optimizes thread tightness in all stitching directions. Independent presser foot motion prevents the fabric from lifting up. Thanks to that needle is stable and stitch skipping reduced. Easy operation and maintenance guarantees colour LCD touch panel with USB port and ergonomic design.



Model Name	PLK-J2516-YU	PLK-J6040	AMS-221F
Max. sewing speed	2.300 sti/min.	2.000 sti/min.	2.800 sti/min.
Stitch length	0.1 to 20.0mm (min. resolution 0.1mm)	0.1 to 20 mm (min. resolution 0.1 mm)	0.1-12.7 mm (0.05 mm step)
Presser foot lift	18 mm (max. 22 mm)	18 mm (max. 24 mm)	25 mm
Presser foot stroke	max. 10 mm	max. 10 mm	max. 10 mm
Needle bar stroke	41.2 mm	41.2 mm	45.7 mm
Needle	DP×17 #18	DP×17 #18	DP×17 #18-#23
Hook	Double-capacity shuttle hook	Double-capacity shuttle hook	Double-capacity shuttle hook



