

### SPECIFICATIONS

Model name	AE-200ANLA	AE-200ANLD
Application	Join materials type (medium-weight)	Pin tuck type
Machine head	DLU-5498N-7 (exclusive machine head for AE-200AN)	
Sewing speed	200~3,500sti/min*	
Max. stitch length	4mm	
Max. top-feed amount	8mm	
Lift of the presser foot	10mm	
Needle	DBx1 (#11) #9~#18	
Sewing condition	Seam allowance 1~30mm Curve sewing 100mmR or more Number of plies Two or one	
Compressed air	0.5MPa	
Power requirement / Power consumption	Single, 3-phase 200~240V/280VA	
Dimensions	 Dimensions are given in millimeters.	
Total weight	135kg (when all options are installed)	

\*sti/min is the abbreviation for "stitches per minute"

### WHEN YOU PLACE ORDERS

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

Sensor / Cloth guide	Code	Stacker	Code
Join materials type for medium-weight: Upper 4mm / Lower 2mm*1	A	Not provided	Z
Pin tuck type: Upper 4mm / Lower 2mm*2	D	Clamp bar stacker	A

\*1 Applicable material thickness is 3.2mm for the upper clearance and 1.6mm for the lower clearance.  
 \*2 For the sensor category "D", the exclusive pin tuck sensor is factory-installed for shipment. (To change over the specification to the material-joining type, the sensor / cloth guide parts are to be arranged separately.)



Clamp bar stacker

**AE200AN** □ □ □ □ □ □

Sewing Table	Code
without sub-table	Z
with sub-table (Long Table)	L

Code "Z" is for Asia area only.

Option			Code
Pin tuck device*	2-pedal switch unit	Bobbin thread remaining amount detecting device	
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	ZZ
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	A1
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	A2
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	A3
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	A4
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	A5
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	A6

\*In the case where the sensor category "A" is selected, the pin-tucking device of optional categories "A1", "A4" or "A6" cannot be selected.

Power supply	Code
Single-phase 220~240V	K
3-phase 200~220V	D



Registered Organization: JUKI CORPORATION Head Office  
 The Scope of the Registration: The activities of research, development, design, sales, distribution, and maintenance services of industrial sewing machines, household sewing machines and industrial robots, etc., including sales and maintenance services of data entry systems.

## AE-200AN Series

Edge Control Seamer

**AE-200ANLA** Join materials type

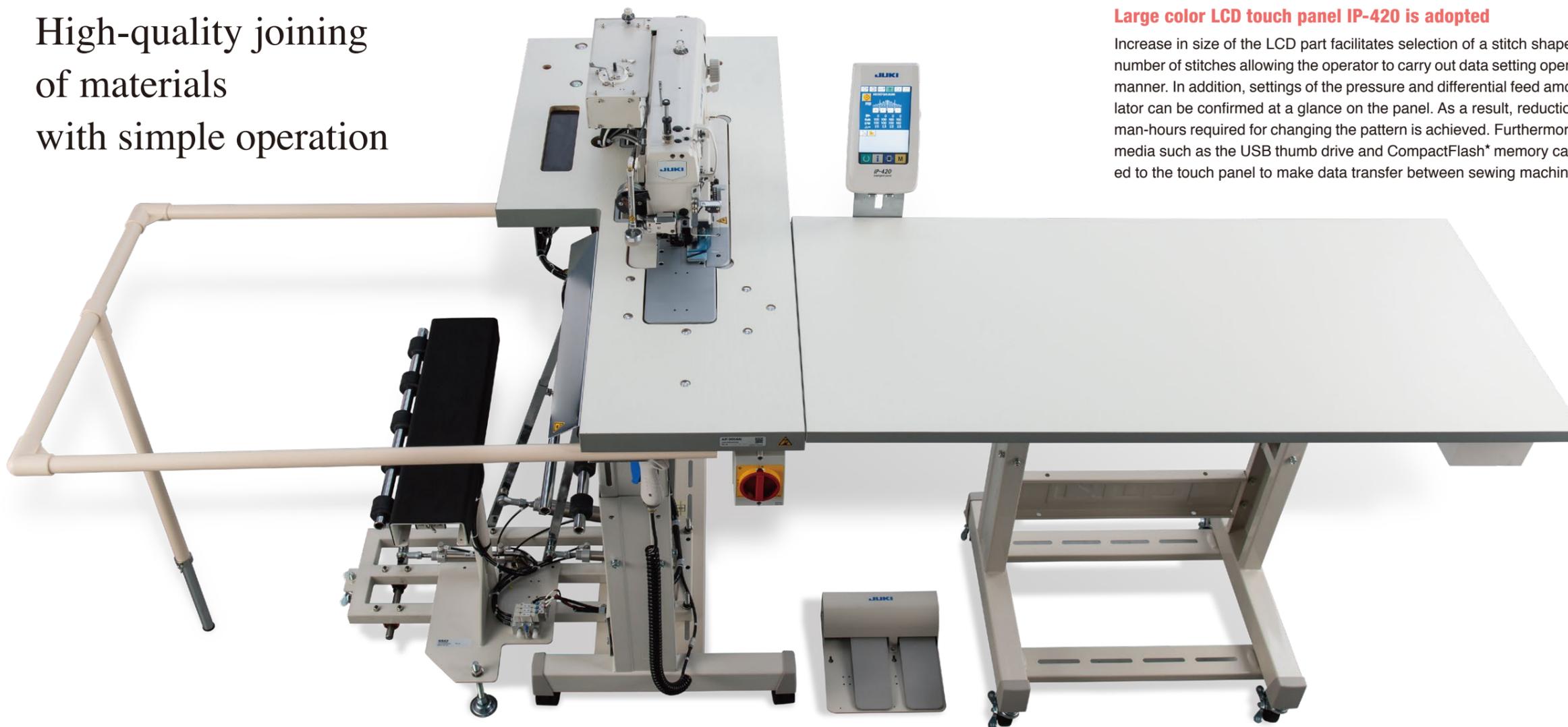
**AE-200ANLD** Pin tuck type

Responding to the diversification of fashion designs with higher productivity!



AE-200ANLA

# High-quality joining of materials with simple operation



## Simple operation of the operation panel

Sewing data can be input and programmed with ease on the operation panel

### Large color LCD touch panel IP-420 is adopted

Increase in size of the LCD part facilitates selection of a stitch shape and setting of the number of stitches allowing the operator to carry out data setting operation in an intuitive manner. In addition, settings of the pressure and differential feed amount of the manipulator can be confirmed at a glance on the panel. As a result, reduction in the number of man-hours required for changing the pattern is achieved. Furthermore, external storage media such as the USB thumb drive and CompactFlash\* memory card can be connected to the touch panel to make data transfer between sewing machines easier.



### The number of pieces of sewing data that can be stored in its memory is 99 at the maximum

Setting and selection of all sewing data can be done on the operation panel. Data items are displayed in easy-to-understand pictographs on the LCD. As many as 99 different patterns of sewing data can be stored in its memory. One sewing pattern can be divided into 10 sections. For the respective sections, the number of stitches, top and bottom differential feed, and upper and lower manipulator pressures can be numerically input.

### Cycle sewing

The sewing machine is able to continuously carry out different processes such as joining the sides of right and left garment bodies and sewing the center of the back by means of the cycle function.

As many as 15 patterns can be carried out in one cycle and as many as 20 cycles can be stored in its memory.

## High-quality joining of materials

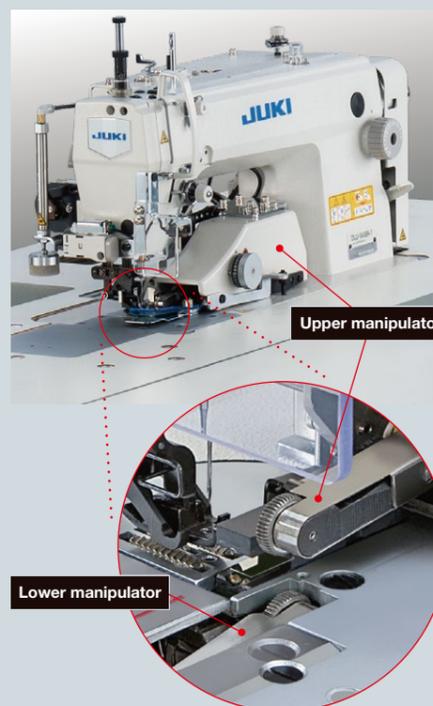
### The sewing machine is applicable to the sewing of materials with different curves and different-in-kind materials

It is necessary for the joining of materials with beautiful textures added to carry out sewing of the materials and aligning their ends with notches simultaneously. The AE-200AN allows, through by its unique techniques, inexperienced operators to perform this difficult and skill-requiring process simply by placing the materials on the sewing machine. The sewing machine enables control of shirring and stretching of materials on a section-by-section basis by dividing the sewing length into ten different sections at the maximum. As a result, high-quality and consistent joining of materials is enabled even if the materials have complicated curves.

#### Manipulator device

The manipulator is a JUKI unique device which enables accurate joining of materials by active pressure\* and rotation of the rollers.

\*Active pressure\* (AP) is a JUKI unique new function that controls the pressures of the upper and lower manipulators separately according to the material and sewing specifications. (The manipulator pressures can be controlled in 10 different sections in one pattern.)



## Standard devices and mechanisms for improved workability

### Air-blow table

The sewing machine is provided as standard with an air blower which helps feed the material, thereby improving workability.



### Bobbin winder

In order to improve the workability at bobbin thread changing, the bobbin winder is placed on the top of the main motor cover.



### Handy switch

The start/pause switch is provided close at hand as standard. The switch is located near the position where the operator places the materials on the sewing machine, allowing the operator to carry out sewing in a responsive manner.



### TBD system\*

A timing belt drive system has been adopted for the AE-200AN. This system allows the sewing machine to start sewing with no loss of the driving force.

\*TBD stands for Timing Belt Drive.

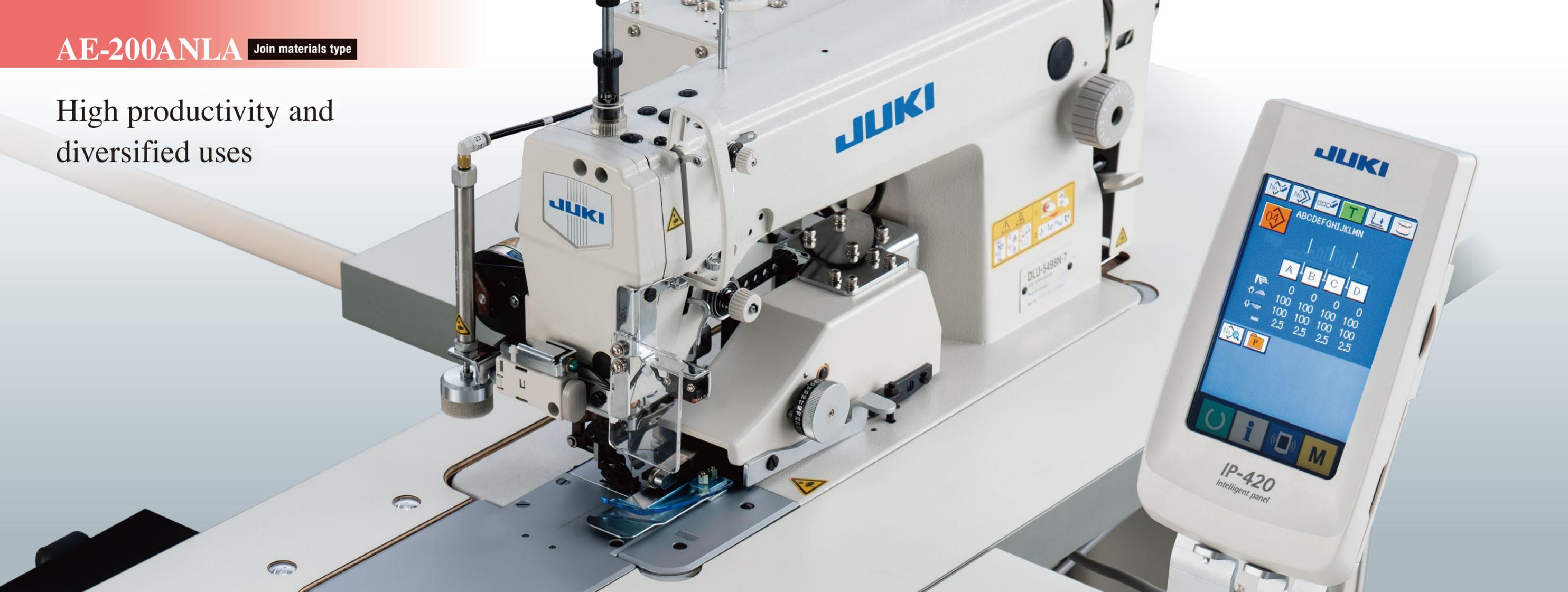


### Sub table

The sub table that can be fixed to the front of the sewing machine when sewing long materials, or to the rear when sewing small articles allows the operator to handle materials with ease and improves workability.



High productivity and diversified uses

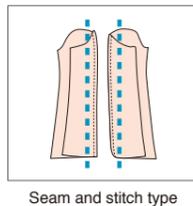


## Productivity is substantially increased!

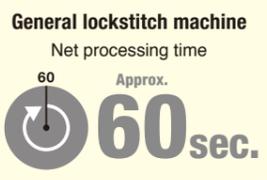
The operator is only required to place materials on the sewing machine. The sewing machine automatically and continuously sews the materials while aligning the materials' ends until the sewing end is reached.

### Introduction example 1

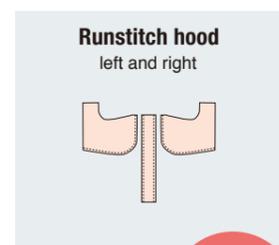
When comparing the length of time required to sew front-cloth sleeve arm top of ladies jackets by using the AE-200AN with that by using a general lockstitch machine, the former requires only half the time required by the latter.



Work efficiency is increased by **50%!**



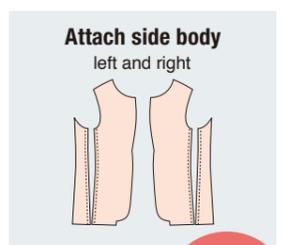
### Introduction example 2



Net processing time

AE-200AN  
Approx. **48** sec./pcs.

General lockstitch machine  
Approx. **72** sec./pcs.



Net processing time

AE-200AN  
Approx. **43** sec./pcs.

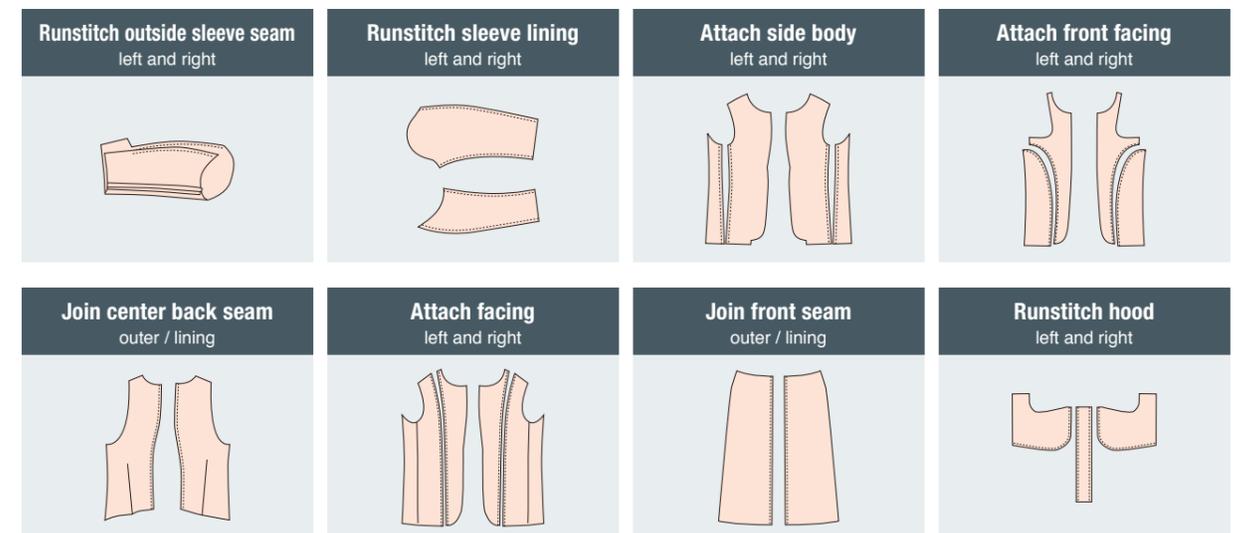
General lockstitch machine  
Approx. **56** sec./pcs.

## Applications

This sewing machine is applicable to many different processes such as sewing the center of back of men's and ladies' jackets and joining the sides of ladies' skirts.

<b>Men's wear</b>	Runstitch sleeve, Runstitch sleeve lining, Attach side body, Join princess line seam,
<b>Ladies' wear</b>	Join center back seam, Join center back lining seam, Attach facing, Join sideseam
<b>Coat</b>	Runstitch raglan sleeve, Runstitch sleeve lining, Attach facing
<b>Bottom</b>	Join inseam, Join sideseam, Join design seam of skirt panel
<b>Other</b>	Runstitch hood, etc.

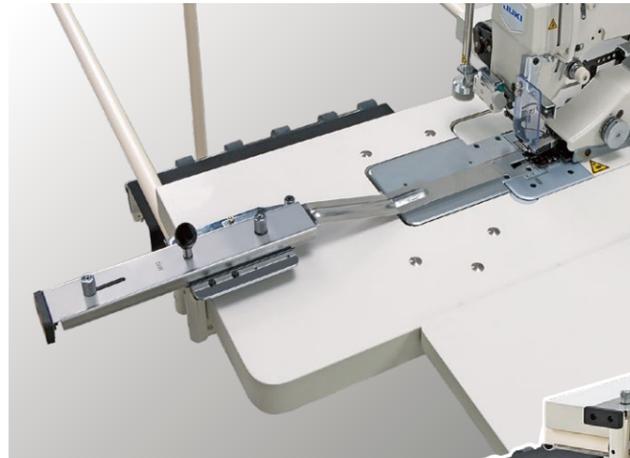
### Example of applicable processes



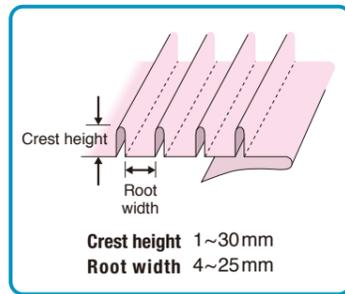
This sewing machine allows even inexperienced operators to carry out difficult processes that require skills! The AE-200AN contributes to deskilling.

The processing time differs with sewing conditions.

## Sewing beautiful and equally-spaced pin tucks with consistency



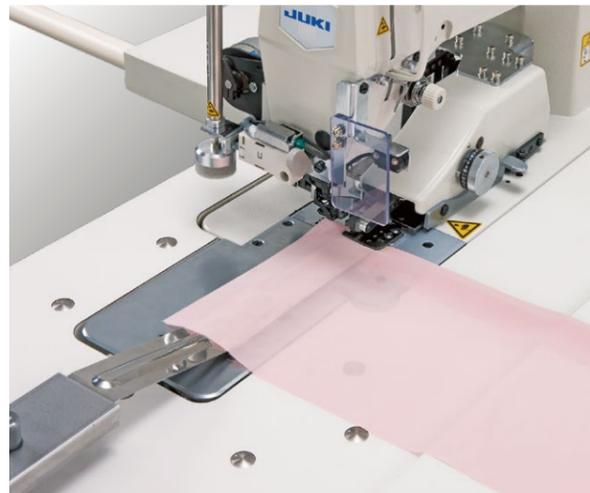
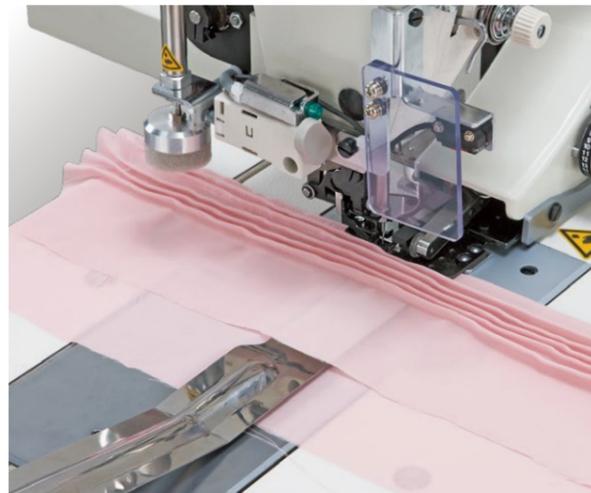
The sewing machine is able to produce beautiful and equally-spaced pin tucks by installing the pin tuck device (40088621).



The total of the crest height and root width of one pair of pin tucks is 50 mm or less.



AE-200ANLD



## Various options for an improved work environment

### Bobbin thread remaining amount detecting device (40088623)

The bobbin thread remaining amount detecting device warns the operator with its buzzer when the remaining amount of bobbin thread has reached a preset value. As a result, the operator can concentrate on sewing without worrying about the remaining amount of bobbin thread.



### 2-pedal switch unit (40084064)

Since the sewing machine is provided with a tandem type foot pedal switch, the operator is able to start the sewing machine, lift up and down the presser foot and change over the stitch speed between high-speed and low-speed via foot control without removing their hands from the material being sewn.



### Micro-lifter (11243763)

The micro-lifter helps prevent damage and puckering when sewing shaggy materials or elastic materials.



### 4/2 cloth guide for small curves (18076356)

This cloth guide is good at guiding materials at their small curve sections.



### Others

Description	Parts No.	Feature
Bobbin winder	40088627	The automatic bobbin winder is an independent bobbin winding device.
4/4 sensor for heavy-weight materials	40084101	The cloth guides are basically best-suited for sewing heavy-weight materials. Its upper and lower clearances are both 4mm. Each clearance accommodates a 3.2mm thick material.
4/4 cloth guide for heavy-weight materials	40088212	
4/4 sensor for light-weight materials	40084102	The cloth guides are basically best-suited for sewing light-weight materials. Both the upper and lower cloth guides have 2mm of clearance. Each of the guides accommodate materials of which the thickness is 1.6mm at the maximum.
4/4 cloth guide for light-weight materials	40088211	
Throat plate for light-weight materials	40098871	The gauge is effective when sewing delicate light-weight fabric and other materials which are easily damaged by the standard throat plate and feed dog.
Urethane top feed dog for light-weight materials	40088215	
Bottom feed dog for light-weight materials	22881700	
Thread breakage detecting device	40088632	The sewing machine can be stopped immediately upon needle thread breakage by using the thread breakage detecting device.
2/2 cloth guide for small curves	18076059	This cloth guide is good at guiding materials at their small curve sections.
4/4 cloth guide for small curves	18076257	
4/2 cloth guide for small curves	18076356	
High voltage transformar	40005422	Standard parts for joining. They should be ordered when changing the seam specification from pin-tucking to joining.
4/2 sensor for medium-weight materials	40084100	
4/2 cloth guide for medium-weight materials	40088210	