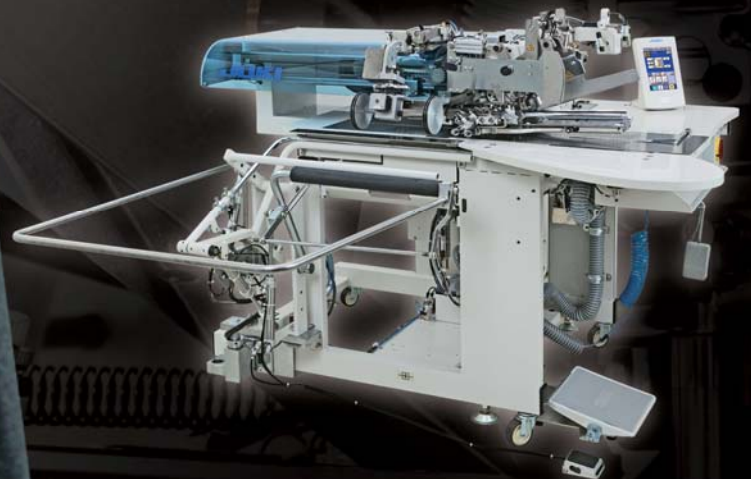


JUKI®

APW-895

Lockstitch, Automatic Welting Machine

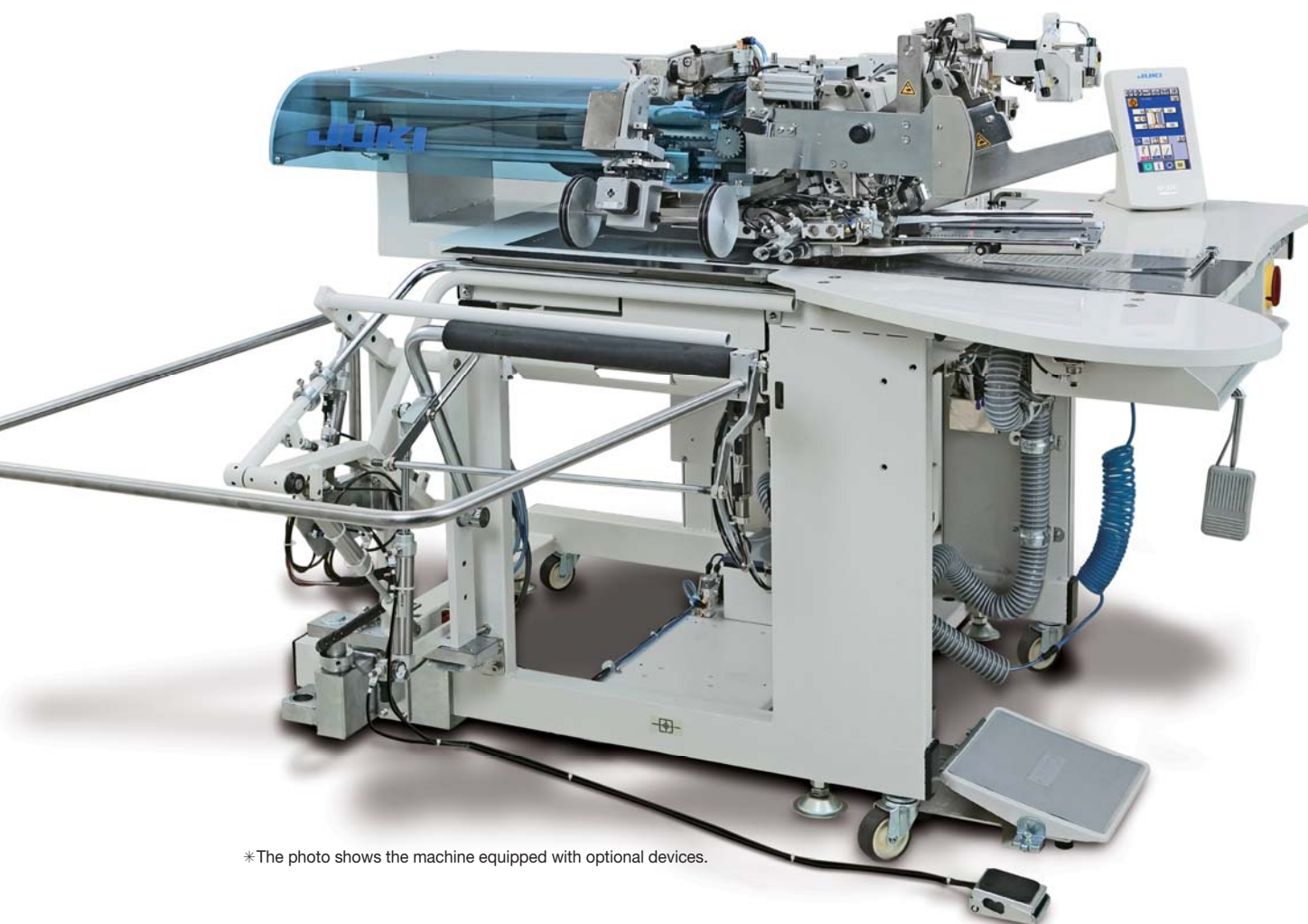


Machine time is reduced to provide increased productivity

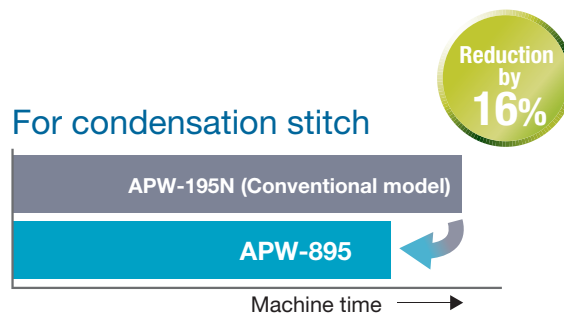
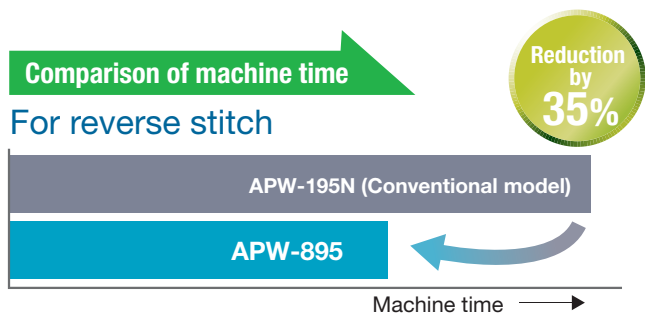
High-speed machine head with a maximum speed of 3000rpm

Direct drive method with excellent responsiveness

Increased traveling speed travel (jump and forward-travel) of the clamp foot



*The photo shows the machine equipped with optional devices.



Productivity

Welting process without flaps: 1900-2300 pcs. /8 hours
 Welting process with flaps: 1600-1900 pcs. /8 hours

*Sewing length of 150mm, stitch length of 2.5mm and allowance rate of 25%
 *Productivity changes depending on the operator's skill, working conditions and working environment.



Sewing welts with flaps

APW-895



The machine supports the sewing of parallel welts (with flaps) on suits, jackets and pants.

Double- / single-welt sewing can be changed over by the simple touch of a key on the operation panel.

Increased adjustable range of sewing lengths
(min. 18mm to max. 220mm)

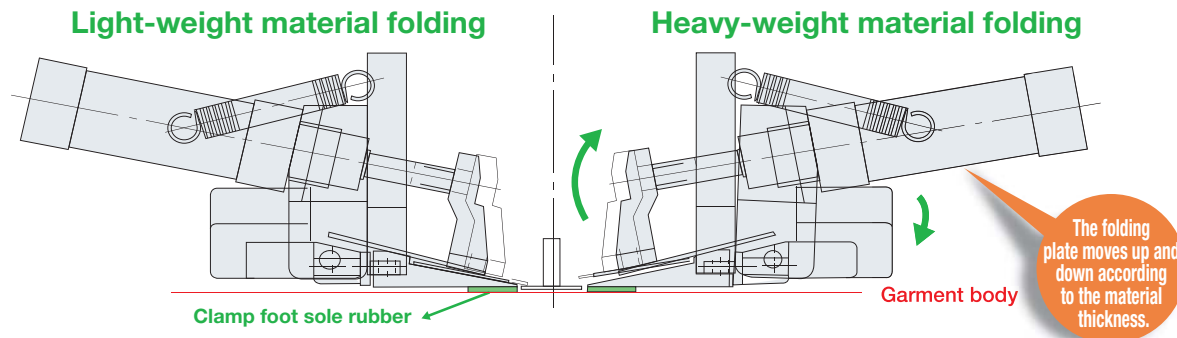


Sewing parallel welts (double welts)

Sewing parallel welts (single welts)

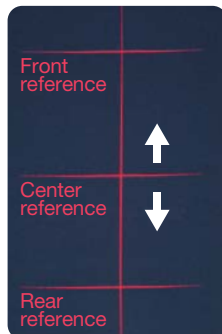
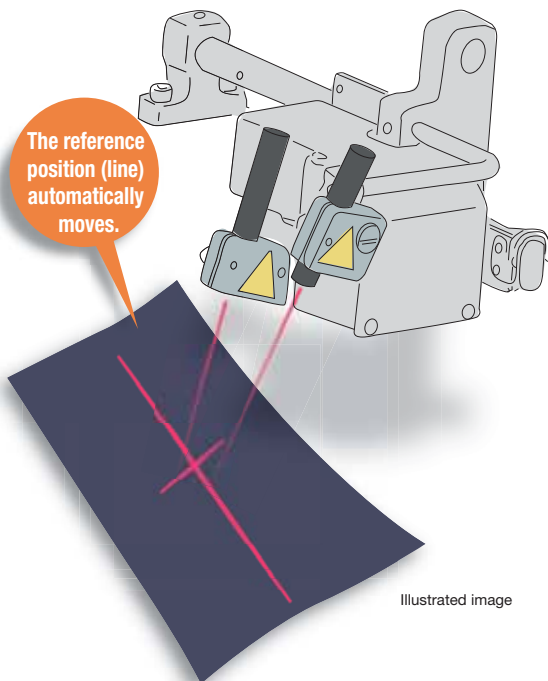
The machine promises consistent seam quality with its enhanced responsiveness to materials

The welting patch folding mechanism compensates for any changes in material thickness with JUKI's unique damper mechanism. For material thickness ranging from 0.7mm to 2.0mm, troublesome replacement of the clamp foot sole rubber is not necessary.



Automatic changeover of the marking position which indicates a garment body placement position

The machine adopts a newly-developed system which electronically controls the position of irradiation. This enables the machine to respond to various sewing specifications through laser marking. For example, for cycle sewing or alternate stitching, the system supports the front reference/rear reference/dart (center) reference to automatically change over the position of irradiation.



Laser marking lamp



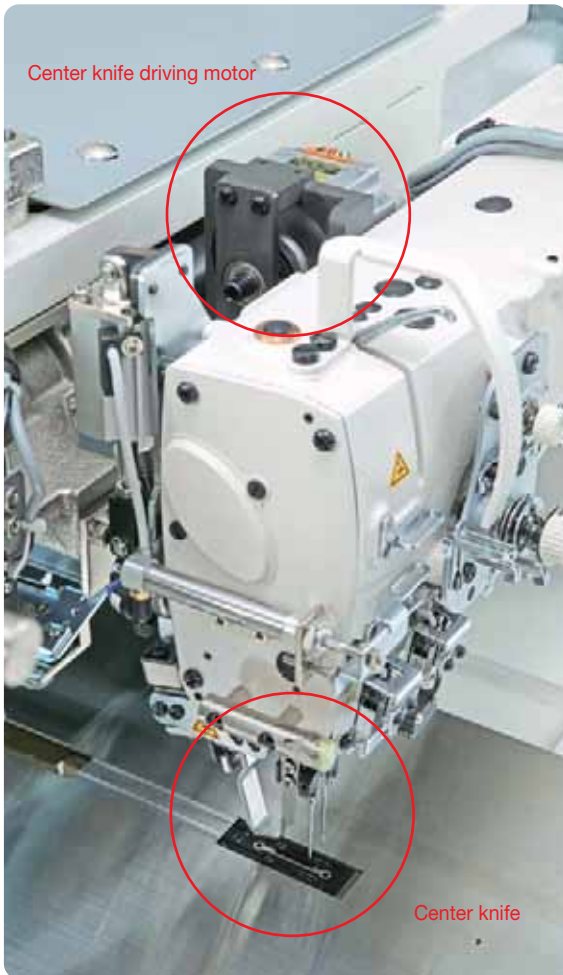
Laser marking lamp irradiation

Time required for setup changing is substantially shortened

- The machine is equipped with a simple gauge changing mechanism which enables the changing and adjustment of the position of the hook driving shaft saddle from the top of the bed without tilting the machine head. The time required to change a needle gauge is less than a half of that required by conventional machines.
- The position of the folding plate and needle does not change even when double-/single-welt sewing is changed over. This means that the folding plate does not need any adjustment.
- The machine is provided as standard with a micro-adjusting function for adjusting the clamp foot position. This enables both accurate and quick adjustments of the welting width.



Image of the hook driving shaft saddle in motion

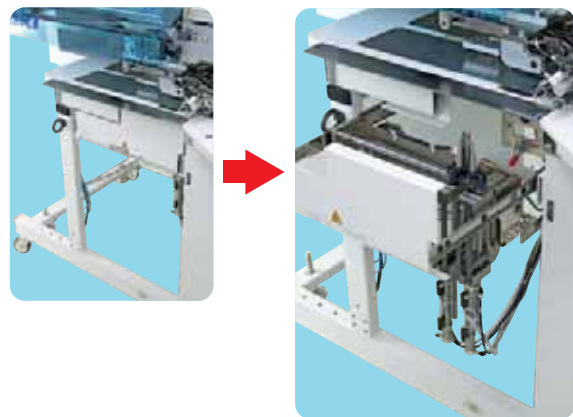


Increased sharpness of the center knife

An independently driven (speed can be changed) stepping motor is adopted for the center knife. The center knife therefore remains unaffected by the sewing speed and cuts more sharply and cleanly. In addition, the knife shape is improved to prevent bending and demonstrates increased sharpness when an elastic material is being sewn.

The corner knife is easily adjustable

The corner knife, which can be drawn out in the entire knife unit is adopted. The knife is easily adjusted and can also be changed with ease. The slim corner knife cover helps reduce material thrusting, thereby achieving material cutting with accuracy.



Highly-visible and easy-to-use large color LCD touch-panel (IP310)

The graphic display and touch panel on the large color LCD help dramatically increase ease of use. Basic operations are carried out with the graphic screen and pictogram buttons. Error messages are given with characters.

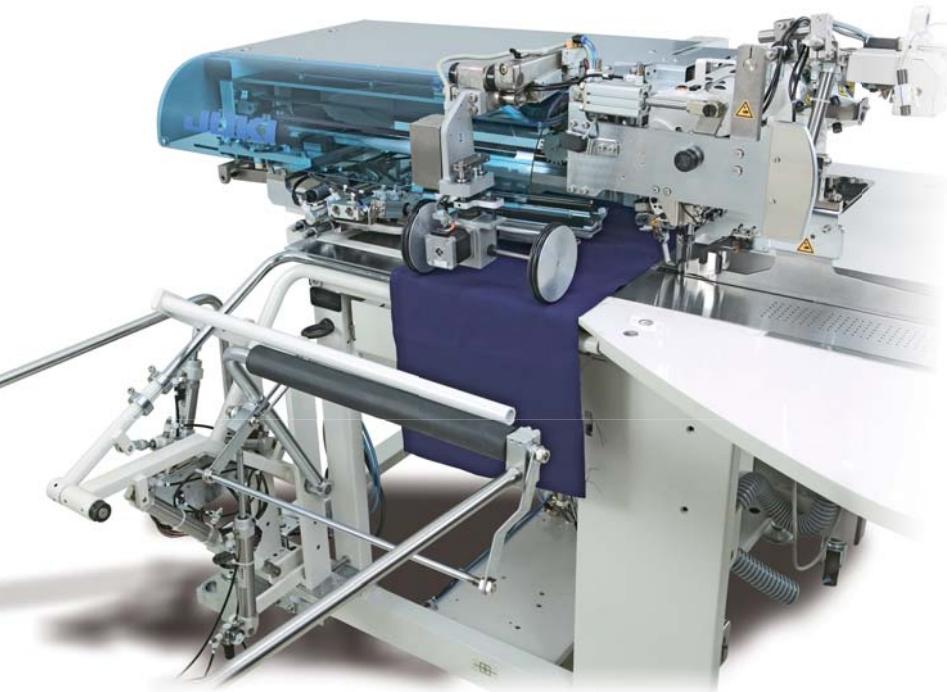
External medium

Created data can be stored on a memory medium (compact flash memory card).

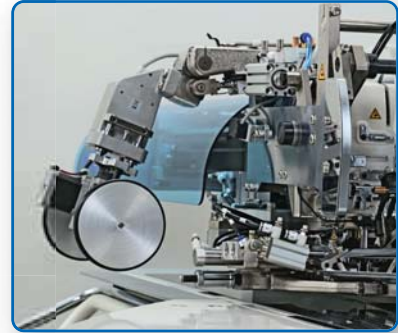


Newly developed stacker which is able to handle small articles

Two kinds of stackers are available; i.e., clamp bar stacker (SP-46) and roller stacker (SP-47). With the stacker, the machine is able to handle materials with a shortest distance of 250 mm from its edge to the pocket. A stacking sensor is also provided as standard to prevent stacking errors.



SP-46:Clamp bar stacker

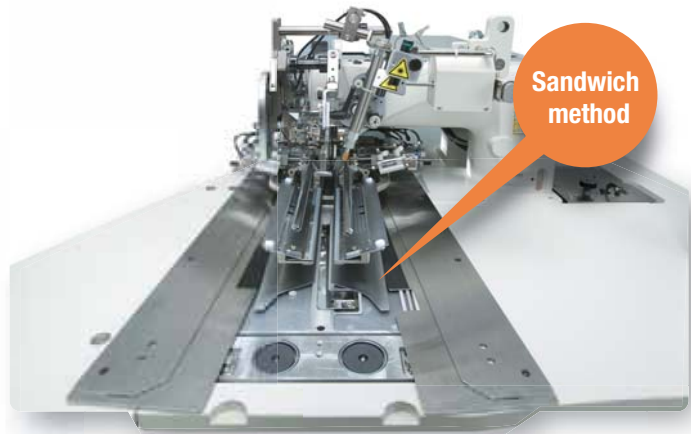


SP-47:Roller stacker

OPTION

Shim device: SA-118S

The device feeds a highly-frictional garment body (material fabric) sandwiched vertically between the clamp foot and shim.



SA-118S : Shim device

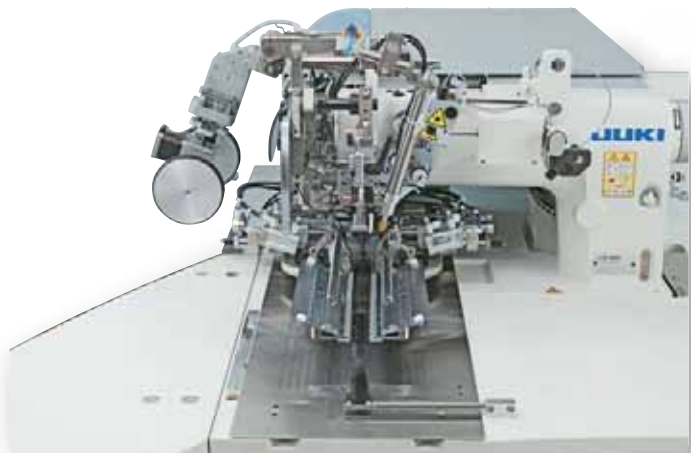
Suction device: SA-119 Suction motor: SA-127 (Part No.: 40045779)

The device improves the ease of the material placement by sucking the garment body. The device should be used in combination with a suction motor (SA-127).

*The SA-127 is not required if a commercially available suction motor or suction device is provided at your factory.

Automatic interlining feeder: SA-120

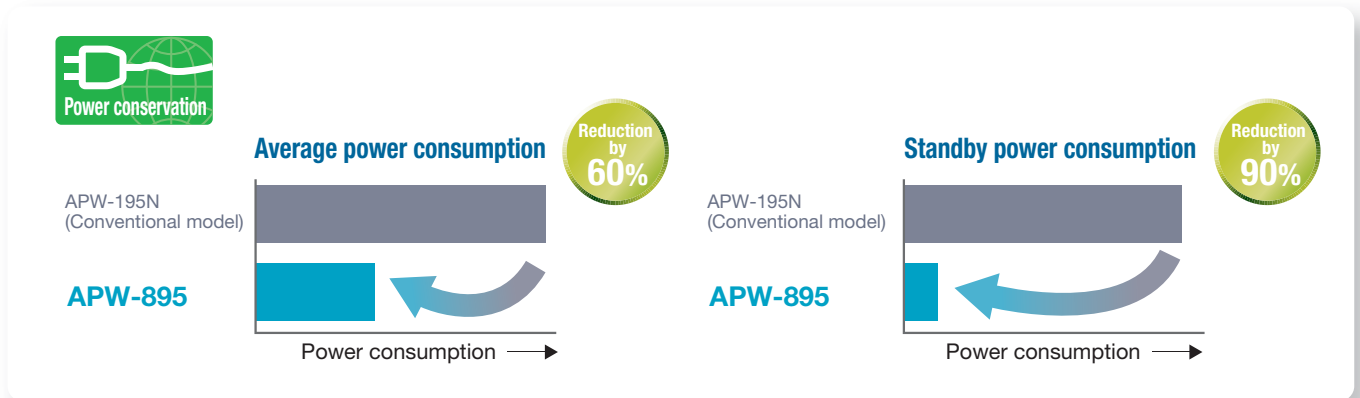
The device automatically feeds rolled interlining onto the table and cuts it. It helps reduce the time required to place the interlining, thereby increasing productivity and workability.



SA-119 : Suction device
SA-127 : Suction motor

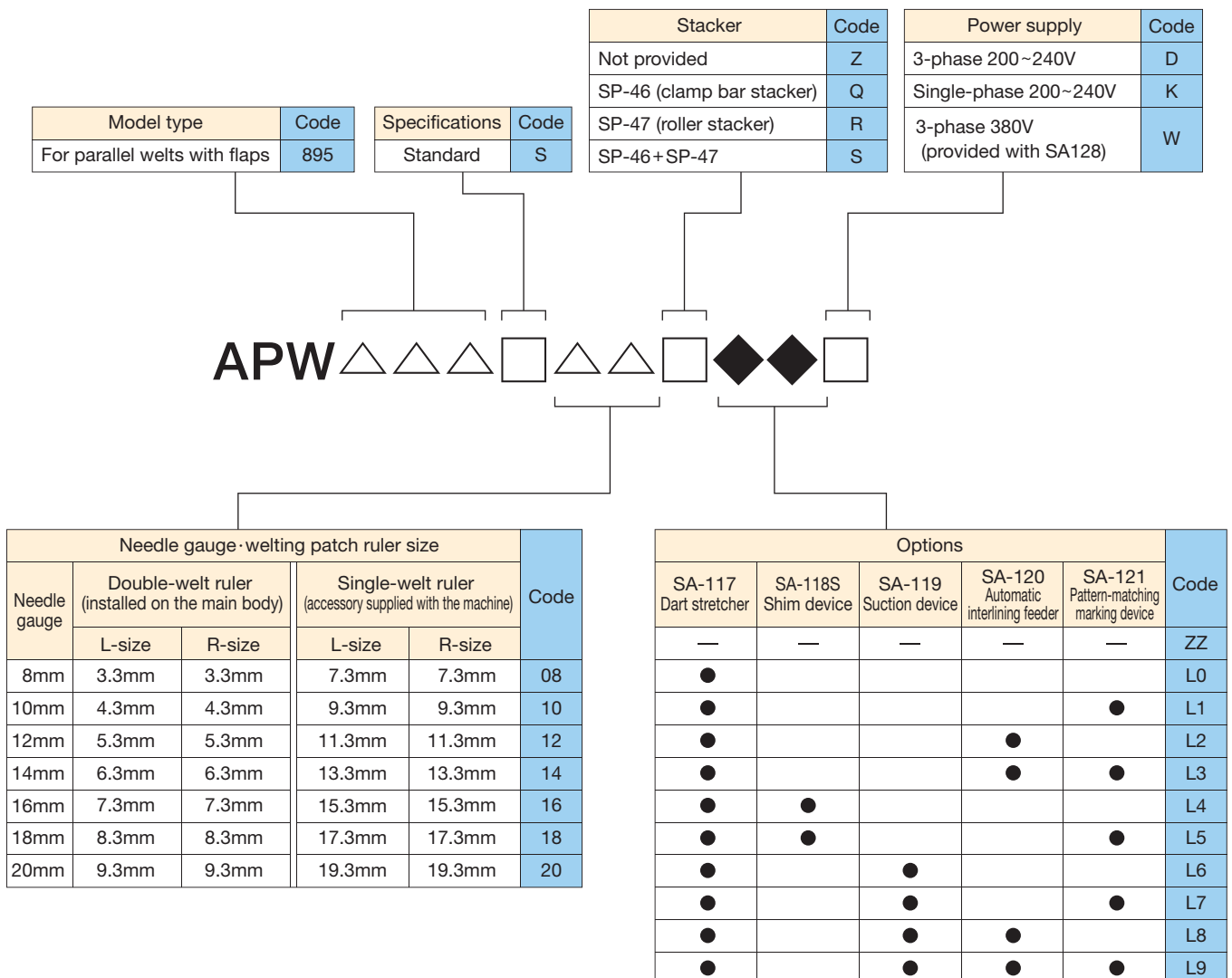
Power consumption is substantially reduced

The reduced energy consumption of the APW-895 ensures superior power-conservation and cost effectiveness. The adoption of a direct-drive system (compact AC servomotor) with superb energy-transfer properties cuts the average power consumption by 60% compared with the forerunner of the APW-895. The power consumption during standby is reduced by as much as 90%.



WHEN YOU PLACE ORDERS

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



● To order, please contact your nearest JUKI distributor.

SPECIFICATIONS

Model name	APW-895
Sewing speed	Max. 3,000rpm (1,000~3,000rpm)
Stitch length	Standard 2.5mm (2.0~3.4mm)
Stitch length (fastening stitching)	Safety stitching: Standard 1.0mm (0.5~1.5mm) Back-tack stitching: Standard 2.0mm (0.5~3.0mm) *Changeable between condensation / back tack stitching
Kind of welts	Parallel double welt, parallel single welt (with/without flaps)
Sewing length (welt length)	Min. 18mm~Max. 220mm (settable in increments of 0.1mm) *The minimum sewing size when a corner knife is used: 35mm (or 21mm when a solenoid valve is added) *For a needle gauge width of 14mm or more, the minimum sewing length is 50mm.
Number of independent sewing patterns	99 patterns (999 patterns when a CF memory card is used)
Number of cycle sewing patterns	20 patterns
Number of alternate sewing patterns	20 patterns
Needle gauge	8, 10, 12, 14, 16, 18, 20mm
Needle	ORGAN DP×17 Standard #16 (#14~#18) SCHMETZ 190R Standard #100 (#100~#110)
Thread	SPUN #60 (recommend)
Hook	Vertical-axis 1.7-fold capacity hook
Machine head	2-needle, lockstitch machine (LH-895)
Cloth feeding system	Driven by a stepping motor
Power requirement	Single-phasae 200~240V, 3-phase 200~380V 50Hz / 60Hz
Power consumption	200VA
Compressed air / Air consumption	0.5MPa, 40Nℓ/Min
Weight	238.5kg
Dimensions	1,095mm(W)×1,500mm(D)×1,200mm(H) (Width 1580mm = Stacker included) (Height 1800mm = Thread stand included)

JUKI® 8-2-1, KOKURYO-CHO, CHOFU-SHI,
TOKYO 182-8655, JAPAN
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FAX : (81) 3-3430-4909
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 soyink on recycle paper.



JUKI CORPORATION HEAD OFFICE

The environmental management system to promote and conduct
① the technological and technical research, the development and design of the products in which the environmental impact is considered,
② the conservation of the energy and resources, and the recycling, in the research, development, design, distribution, sale and maintenance service of the industrial sewing machines, household sewing machines and industrial-use robots, etc. and in the sale and maintenance service of the data entry system and in the purchase, distribution and sale of the household commodities including the healthcare products.