

AMS-221RC Series

Computer-controlled Cycle Machine with Input Function (Arc-Motion Cylinder Type)



The large-sized LCD touch panel
Provided with IP-420

AMS-221RCHSS7850DF

Cylinder-shaped bed specialized for sewing curved products

The cylinder size is $\Phi 144.5$ mm. The largest XY travel range is; X: 420mm and Y: 150mm. With this sewing area, the sewing machine is able to respond to the sewing of large sewing materials. The sewing machine is provided with a cover for the cylinder bed for easy maintenance (JUKI's original dust-resistant design).

Accurate finish of seams that only the computer-controlled cycle machine can provide

Sewing of various kind of desired patterns can be achieved and repeated any time by creating and registering them to the sewing machine memory. With the maximum memory capacity of 500,000 stitches, as many as 999 patterns can be registered. By adopting the large-sized liquid crystal touch panel (IP-420), excellent operability that is common to the AMS Series helps reduce the operator's fatigue when changing set values, inputting/correcting patterns, etc.

Highly rigid feed mechanism

The highly rigid feed mechanism that comes with the LM guide and bearings and the optimized position control produce seams of beautiful shape and stable seam quality.

The bird's nest preventing function is provided as standard

The needle thread clamp and needle thread drawing mechanism prevent the sewing trouble, so-called the bird's nest, at the beginning of sewing. Production capacity can be increased by reducing the thread end securing work.



Needle thread clamp and needle thread drawing mechanism

Reliable thread trimming and reduced frequency of bobbin thread changing

The horizontal knife system that is highly evaluated in the AMS Series is adopted to ensure reliable thread trimming without being affected by the type of thread and the shape of the sewing pattern. In addition, the frequency of bobbin thread changing can be reduced by the adoption of a full-rotary double-capacity hook.

SPECIFICATIONS

Model Name	AMS-221RC
Max. sewing speed	2,300 sti/min*
Sewing area	X: 420mm Y: 150mm
Stitch length	0.1~12.7mm (0.05mm step)
Needle bar stroke	41.2mm
Intermediate presser lifting	20.0mm
Needle thread tension	Active tension
Needle thread breakage detection	Equipped as standard
Thread falling prevention	Needle thread clamping device
Needle	DP×17
Thread	#30~8
Hook	Rotary double capacity hook
Thread trimming mechanism	Horizontal knife & individual motor drive

*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:

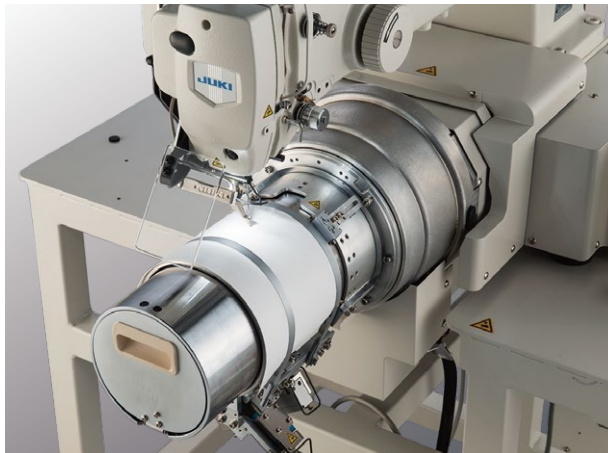
Sewing area	Code	Jig / Subclass	Code
X: 420mm, Y: 150mm	S	Without jig	7850

AMS221RCHSSZ7850 **F**

Option	Code	Power supply	Code	Pedal switch	Code
Not provided	Z	3-phase 200~240V	D	PK 2-pedal unit	F
		Single-phase 200~240V	K		

Clamping installation example

Clamping image photo • Clamping is separately available



JUKI ECO PRODUCTS

The AMS-221RC Series is an eco-friendly product which complies with JUKI ECO PRODUCTS standards for protecting the environment.



- The sewing machine complies with the "Juki Group Green Procurement Guidelines" on the use of hazardous substances, which is stricter than other restrictions, such as those of the RoHS Directive.

For details of JUKI ECO PRODUCTS, refer to: <https://www.juki.co.jp/en/company/eco>

*The RoHS Directive is an EU Directive limiting the use of 6 hazardous substances (lead, hexavalent chromium, mercury, cadmium, PBB and PBDE) in electrical and electronic equipment. The Juki Green Procurement Guideline is the voluntarily established criteria to eliminate not only the aforementioned six substances, but also other ones which also adversely affect the environment.



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.

JUKI
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- * 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.
- * Paper from responsible sources FSC™ C001712