

AMS-224EN4530R

Computer-controlled Cycle Machine with Input Function (Rotary hook type)



AMS-224EN4530R/AW-3 AMS-224EN6030R/AW-3

Computer-controlled Cycle Machine with Input Function (Rotary hook type/With Automatic bobbin-thread winding and feeding device)

Automatic bobbin-thread winding and feeding device (AW-3) is installed as an option!



Best suited to the sewing of large products such as car seats, airbags and sports shoes, etc.!









OPTION

Hook for thick thread < Needle: For DP×17 (#25)>: Part No.40220994

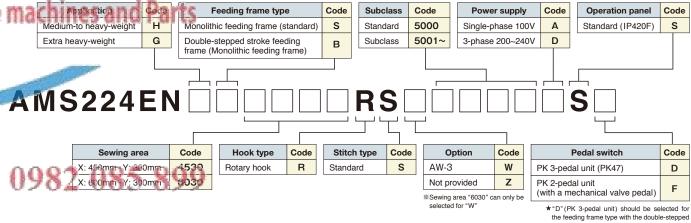
SPECIFICATIONS

Model name	AMS-224EN-4530R, AMS-224EN-4530R/AW-3	AMS-224EN-6030R/AW-3
Application	Medium- to heavy-weight, Extra heavy-weight	
Feeding frame type	Monolithic feeding frame (Pneumatic work clamp)	S: Standard B: Double-stepped stroke feeding frame
Max. sewing speed	2,500sti/min* (stitch length 3mm or less)	
Sewing area	450mm (X) × 300mm (Y)	600mm (X) × 300mm (Y)
Settable stitch length	0.1~12.7mm (0.05mm step)	
Needle bar stroke	41.2mm	
Lift of the feeding frame	Max. 30mm	
Lift / Stroke of intermediate presser	Lifting amount: 20mm / Stroke: Standard 4mm (0~10mm)	
Variable lower position of the intermediate presser	Standard 0~3.5mm (max. 0~7.0mm)	
Change in height of the intermediate presser	Stepless control by programming (controlled by a stepping motor)	
Needle thread tension	Active tension (electronic thread tension control mechanism)	
Needle thread breakage detecting device	Provided as standard	
Prevention of the slip-off of thread at the beginning of sewing	Prevented by active tension	
Needle (at the time of delivery)	DP×17 (#23) (135×17 Nm110)	
Thread	#30~#5	
Hook	Double-capacity full-rotary hook	
Sewing machine motor	Compact AC servomotor (direct-drive system)	
Power requirement / Power consumption	Single-phase 100V · 3-phase 200~240V / 550VA	
Compressed air / Air consumption	0.5~0.55MPa (Max. 0.55MPa) / 156dm³/min (with AW-3), 1.8dm³/min (without AW-3)	

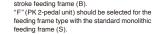
sti/min is the abbreviation for "stitches per minute

WHEN YOU PLACE ORDERS

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



● To order, please contact your nearest JUKI distributor.



with JUKLECO PRODUCTS standards for protecting the env

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/e

● The sewing machine complies with the "Juki Group Green Procurement Guidelines" on the use of hazardous substances



JUKI ECO PRODUCTS

2-11-1, TSURUMAKI, TAMA-SHI, TOKYO 206-8551, JAPAN PHONE: (81) 42-357-2383 FAX: (81) 42-357-2274 https://www.juki.co.jp/en

* 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



The machine is installed with an automatic bobbin-thread winding and feeding device (AW-3)

suited to the sewing of large products such as car seats, airbags, etc. as an option.

AMS-224EN4530R

Sewing area 450 mm (X) x 300 mm (Y)

Computer-controlled Cycle Machine with Input Function (Rotary hook type)

AMS-224EN4530R/AW-3

Sewing area 450mm(X) x 300mm(Y)

Computer-controlled Cycle Machine with Input Function (Rotary hook type / With Automatic bobbin-thread winding and feeding device)

AMS-224EN6030R/AW-3

Sewing area 600 mm (X) x 300 mm (Y)

Computer-controlled Cycle Machine with Input Function (Rotary hook type/With Automatic bobbin-thread winding and feeding device)



AW-3 Automatic bobbin-thread winding and feeding device OPTIONS

With its increased productivity, this sewing machine responds to diversified materials and stitches.

In the case of sewing large articles, etc, a large quantity of bobbin thread is consumed during sewing of one article. This means that replacement of bobbin frequently occurs. Since the AW-3 changes the bobbin automatically before the bobbin-thread runs out and bobbin-thread is wound during sewing, the operator is able to concentrate on sewing without worrying about shortage of bobbin

In addition, only two bobbin cases are required for sewing. As a result, burdensome control of bobbin thread tension and bobbin-changing work are no longer required, thereby contributing to increased productivity.







Rotary hook

in addition to the shuttle hook type model which is favorably accepted by users, the rotary hook type model is newly developed.

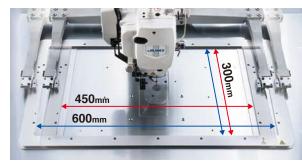
The rotary hook contributes to the achievement of beautifully-finished seams which are required for bags and leather products. In addition, inner hook stopper is adjustable not only laterally but also longitudinally, thereby enabling accurate positioning of the bobbin case according to the needle count.



& Textile machines and Parts

The cycle machine, which has a wider sewing area, achieves an improved seam quality, increased productivity and easier operation.

The machine not only achieves higher productivity due to instantaneous increases/decreases in sewing speed at the beginning /end of sewing and increased speed of thread trimming, but also achieves a flexible responsiveness to materials to promise enhanced seam quality due to JUKI's unique active tension and programmable intermediate presser.



- AMS-224FN4530R ---- AMS-224EN6030F

Major applications

This sewing machine provides a wider sewing area for sewing automotive interior parts (such as car seats and air bags), attaching handles and belts to bags, sewing two or more small parts at the same time, attaching parts to shoes and sports

shoes (in pairs), and sewing full-harness-type safety belts, thereby supporting a broader range of applications.



