

# AE-8050H Series

PATTERN TEMPLATE SEWING MACHINE



- Max speed: 2500 rpm.
- With the world's initiative flexible intermediate presser, the machine can automatically adjust the height of the intermediate presser according to the thickness of fabrics and make the stitch perfect.
- The needle bar and thread take-up lever area are oil-free with the direct drive system and it can keep products clean.
- Various bar tacking patterns can be sewn within the area of 800mm (X) and 500mm (Y).
- Full closed-loop pulse motor driving saves energy and achieves high-quality sewing efficiently.
- Automatically identifying more than 200 different kinds of templates is greatly improved the sewing efficiency.

Some application examples of the AE series machines:



## Specifications

Model	Lockstitch	Double Hook	Sewing Area	Stitch Length	Thread Trimmer	Thread Wiper	Max. Sewing Speed	Air Consumption
AE-8050H	★	2	800x500mm	0.05 - 12.7mm	★	★	2,500 sti/min * <sup>1</sup>	1.8 l/min

Machine head	Lockstitch sewing machine (with double- capacity hook)
Stitch form	Single needle lock stitch
Max. sewing speed	2,500 sti/min * <sup>1</sup>
Sewing area (X × Y)	MAX. X800 × Y500mm
Feed mechanism	Intermittent feed (pulse motor drive)
Stitch length	0.05 - 12.7mm ( minimum 0.05mm per step)
No. of stitches	500,000 stitches - internal memory * <sup>2</sup>
Max. number of stitches	30,000 stitches per pattern
No. of sewing data storable	Internal memory: 512 * <sup>2</sup> , USB: USB flash drive: 900
locking mode	Pneumatic drive
Work clamp lift amount	15mm
Template fixed method	lock
Intermittent presser foot lift amount	22mm
Intermittent stroke	0.3-7mm, ( Default setting: 3mm)
Hook	with double- capacity hook
Thread wiper	Standard equipment
Thread trimmer	Standard equipment
Data storage media	Internal memory, USB: USB flash drive (32M-2GB)
User programs	100 * <sup>2</sup>
Cycle programs	9
Motor	servo motor 750w
Weight	Total about 400kgs
Power supply	Single-phase 220V 550VA
Air pressure/ consumption	0.5 Mpa 1.8 l/min

\* 1 When sewing at a sewing speed of 3,000 sti/min, set the stitch length to 3.5mm and under.

\* 2 The number of data items and stitches that can be stored will vary depending on the number of stitches in each program.

## How to order?

Head

AE-8050

Application	Template fixed mode
S Standard	B Lock
H For heavy material	

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Save power by using servo motor.  
Noise reduced by 3dB than old model.  
Save the oil by 1/3 through non-oil supply technology.