



[WWW.FGMC.PRO](http://WWW.FGMC.PRO)

**JACK**

**AMH**

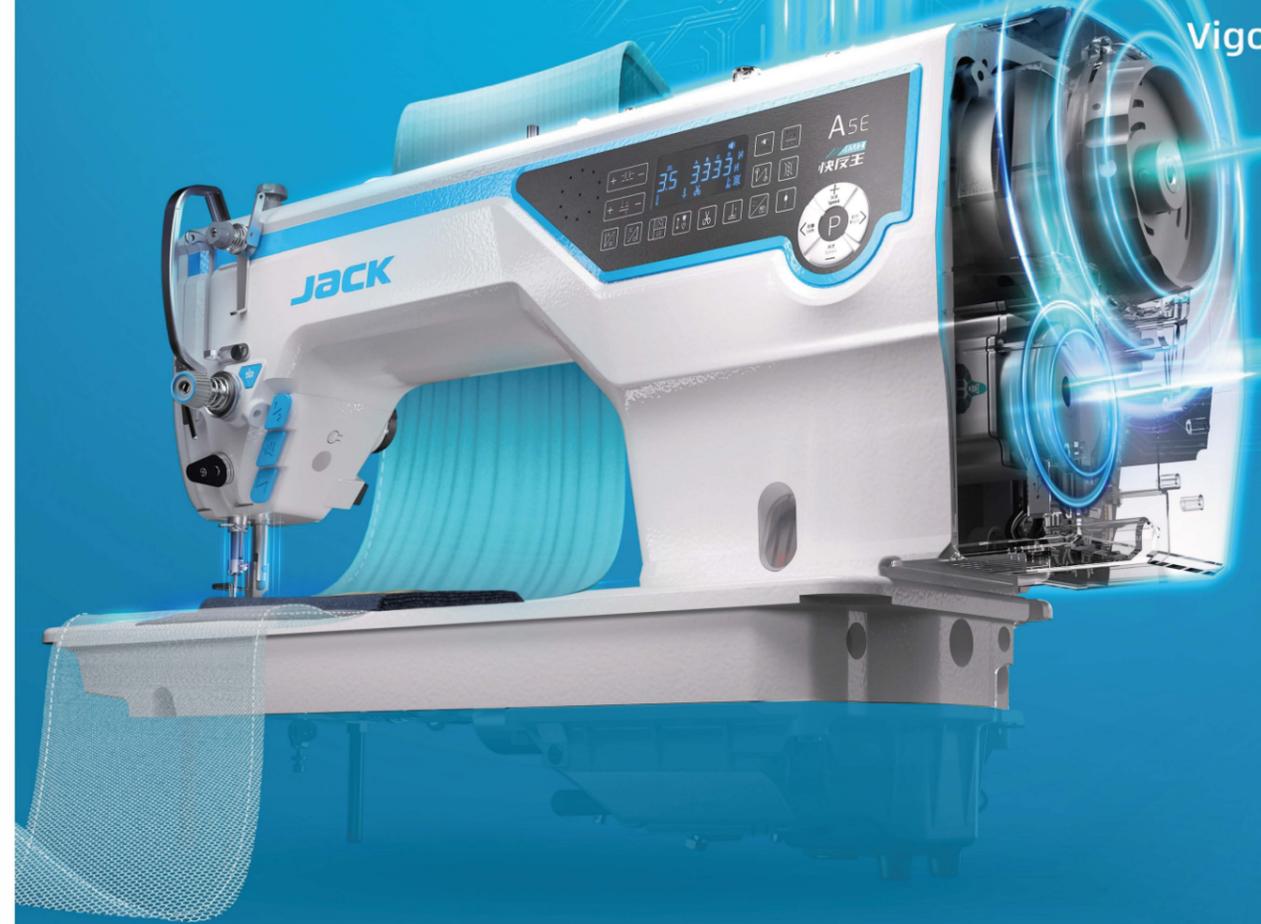
# UNLOCK THE POTENTIAL OF ALL FABRICS

HEAVY • LIGHT • ELASTIC

Octopus Nine-brain AI Chip



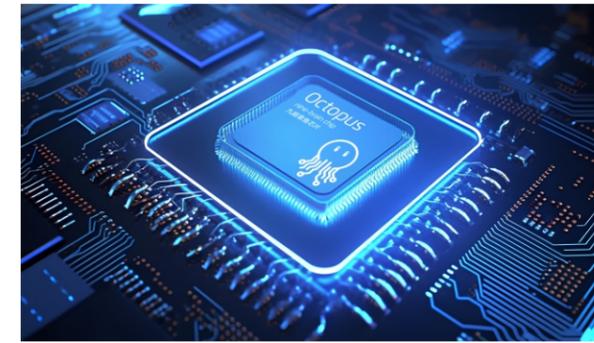
Vigorously Ape Motor



# A.M.H Fabric Adaptive System

## Super adaptability for fabric

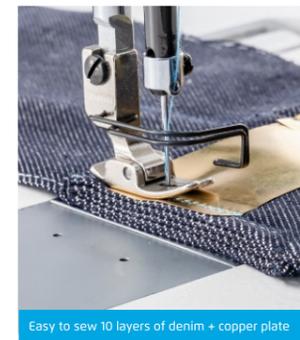
Quickly perceive fabric changes, adjust the synergy rhythm between cloth feeding force and needle penetration force in real time, realize continuous sewing of different fabrics without adjusting the machine, and achieve the effect of adaptive fabrics.



**Heavy · Light · Elastic**

**Octopus Nine-brain AI Chip:** intelligent perception and response to fabric changes in real-time

- **200,000** sets of data models + **10,000** times/second nine-brain computing power + intelligent **AI** algorithm



Easy to sew 10 layers of denim + copper plate



Easily puncture 105 layers of A4 paper

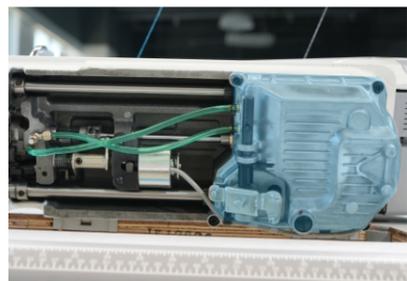
**Vigorously Ape Motor:** Large Torque, Strong Explosive Power

- **High torque density technology:** the comprehensive torque reaches 8.4 N.M, which is **15%** higher than that of the motor with the same volume

### Technical Parameters

Model	A5E-A	A5E-A-W	A5E-A-N	A5E-A-7	A5E-A-H-7
Needle	DBx1 11-18#	DBx1 11-18#	DBx1 11-18#	DBx1 11-18#	DPx5 18-21#
use	Heavy · Light · Elastic	Heavy · Light · Elastic/oil-free	Heavy · Light · Elastic/Bird's Nest prevention	Heavy · Light · Elastic/large needle gauge	Extra thick fabric/Large needle gauge
max.stitch length (mm)	5	5	5	7	7
Presser foot height (mm)	1-13	1-13	1-13	1-13	1-13
operating space	305X130mm				
Max.speed (S.p.m)	5000	5000	5000	3500	3500
volume (mm)	690x295x550				
weight (kg)	41/47				
Applicable fabric	5mm stitch length Suitable for sewing all kinds of <b>small orders and quick reorders</b> fabrics	5mm stitch length <b>oil-free</b> Suitable for sewing all kinds of <b>small orders and quick reorders</b> fabrics	5mm stitch length <b>Bird's Nest prevention type</b> Suitable for beautiful stitch requirements fabric sewing	<b>7mm stitch length</b> Suitable for sewing home textiles/curtains /Non-woven fabrics and other fabrics	<b>7mm stitch length, extra thick fabric</b> Suitable for sewing disposable slippers and other special thick fabrics

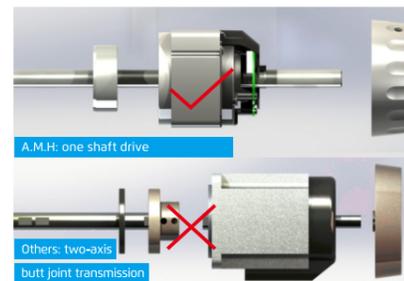
### OTHER FUNCTION



Sealed oil pan, clean and durable



Large operating space with 305mm



One shaft transmission, stable and light

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