

Specifications

Model name	AMS-210ESS1306	AMS-210EHS1306	AMS-210ESL1306	AMS-210EHL1306
Sewing area	130mm(X)X60mm(Y)			
Feeding frame type	Motor-driven feeding frame (lifting amount: 25mm)		Pneumatic feeding frame (lifting amount: 30mm)	
Application	Light- to medium-weight DPX5(#14)	Heavy-weight DPX17(#18)	Light- to medium-weight DPX5(#14)	Heavy-weight DPX17(#18)
Compressed air / Air consumption	—		0.35~0.4(max. 0.55)MPa / 1.8dm ³ /min(ANR)	
Dimensions / Weight	1,200mmX710mmX1,200mm / Machine head: 69kg, Control box: 16.5kg			

Model name	AMS-210ESL1510	AMS-210EHL1510
Sewing area	150mm(X)X100mm(Y)	
Feeding frame type	Pneumatic feeding frame (lifting amount: 30mm)	
Application	Light- to medium-weight DPX5(#14)	Heavy-weight DPX17(#18)
Compressed air / Air consumption	0.35~0.4(max. 0.55)MPa / 1.8dm ³ /min(ANR)	
Dimensions / Weight	1,200mmX770mmX1,200mm / Machine head: 73kg, Control box: 16.5kg	

Model name	AMS-210ESL2206	AMS-210EHL2206
Sewing area	220mm(X)X60mm(Y)	
Feeding frame type	Pneumatic feeding frame (lifting amount: 30mm)	
Application	Light- to medium-weight DPX5(#14)	Heavy-weight DPX17(#18)
Compressed air / Air consumption	0.35~0.4(max. 0.55)MPa / 1.8dm ³ /min(ANR)	
Dimensions / Weight	1,200mmX710mmX1,200mm / Machine head: 75kg, Control box: 16.5kg	

Model name	AMS-210ESL2210	AMS-210EHL2210
Sewing area	220mm(X)X100mm(Y)	
Feeding frame type	Pneumatic feeding frame (lifting amount: 30mm)	
Application	Light- to medium-weight DPX5(#14)	Heavy-weight DPX17(#18)
Compressed air / Air consumption	0.35~0.4(max. 0.55)MPa / 1.8dm ³ /min(ANR)	
Dimensions / Weight	1,200mmX770mmX1,200mm / Machine head: 77kg, Control box: 16.5kg	

Specification common to all models

Max. sewing speed	2,700rpm
Stitch length	0.1~12.7mm (0.05mm step)
Needle bar stroke	41.2mm
Lift / Stroke of the intermediate presser	Lifting amount: 20mm / Stroke: Standard 4mm (0~10mm)
Variable lower position of the intermediate presser	Standard 0~3.5mm (max. 0~7mm)
Needle thread tension	Active tension (electronic thread tension control mechanism)
Hook	Double-capacity shuttle hook
Storage of pattern data in the memory	EEP-ROM: Max. 200 patterns (max. 20,000 stitches / pattern) SmartMedia: Max. 999 patterns (max. 50,000 stitches / pattern)
Enlarging / Reducing facility	1~400% (0.1% step), Pattern enlargement / reduction can be done by increasing / decreasing either stitch length or the number of stitches
Bobbin thread / Product counter	Up / Down system (0~9,999)
Lubrication / Lubricating oil	Only the hook section needs a minute-quantity lubrication (tank system), JUKI New Defrix Oil No.2 (equivalent to ISO VG32)
Sewing machine motor	Compact AC servomotor (direct-drive system)
Power requirement / Power consumption	Single-phase, 3-phase 200~240V / 500VA