

Electronically Controlled Pattern Sewing Machines

PLK-E2516

Middle Area Pattern Sewing Machine

* High speed

Max. Sewing Speed : 2,500 rpm

Achieved high productivity with 10% increased sewing speed and faster feeding speed compared with the previous model.

* Versatility

EQUIPPED WITH THE SIMPLE PROGRAM CONTROLLER FUNCTION

Up to 16 input and output signals can be programmed to a sewing operation. It can be applied to a wide range of automated sewing operations without using any switch such as a timer or a relay.

* Space saving

IMPROVED Y DRIVE MECHANISM

Improvements in the Y drive mechanism have reduced the depth by 200mm and realized a space saving machine.

* Easy operation

LIQUID CRYSTAL TOUCH OPERATION PANEL

IMPROVEMENT OF PRESSER FOOT MECHANISM

Work holder lifting height of PLK-E Series has been improved from 20mm of previous model to 30mm. And Stepping foot lift of PLK-E Series has been also improved from 10mm of previous model to Max. 18mm, and makes more easy installation (in & out) for the thick material.

ADJUSTMENT HANDLE

A handle for adjusting the hook alignment, etc., has been mounted as a standard.

* Comfortable environment

SERVO-MOTOR DRIVING

Well-known MITSUBISHI LIMI SERVO-X MOTOR is applied as the main driving motor.



Stitch type	Single needle, lockstitch
Sewing area	(X)250mm x (Y)160mm
Max. sewing speed	2,500 rpm (Sewing speed may be limited by the operation, material or clamp mass.)
Sewing speed selection	200 - 2,500 rpm (10 steps variable)
Feeding system	Intermittent or continuous
Stitch length	0.1 - 12.7mm (minimum resolution 0.1mm)
Pattern data storage media	Internal memory or 3.5" 2HD Floppy disc
Max. number of stitches	8,000/pattern
Scale-up/down function	10 - 200% for each X. & Y. axis (0.1% increment/step)
Hook	Large size oscillating shuttle hook
Needle	DPx17#18(Standard)
Work holder lift	Max. 30mm
Stepping foot lift	Max. 18mm
Design input	Liquid crystal touch pad display panel (PLK-E-PAL)
Main driving motor	Limi-servo X550W
Power	220-240V, 1 or 3phase, 0.7KVA (standard) 110-120V, 380-415V, 0.7KVA (optional)
Measurement	W1,200mm D1,060mm H1,170mm
Mass	176kg