


 **MITSUBISHI
ELECTRIC**
Changes for the Better

PLK-G5045R-SL

 Electronically controlled sewing machine equipped with a compensating needle shaft system



MITSUBISHI ELECTRIC EUROPE B.V.

Industrial Sewing Machines Division

29, Boulevard des Bouvets - 92741 Nanterre Cedex - France

Phone : +33 1 41 02 83 00 - Fax : +33 1 49 01 07 28

<http://www.ism.mitsubishielectric.fr> - Email : ism@mitsubishielectric.fr

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This machine uses USB memory for pattern storage as well as an internal memory. It is equipped with an on-board touch screen for making sewing patterns and customizing parameters. All sewing parts and electronic components are available.

Specifications

MODEL	PLK-G5045R-SL
Stitch type	Single needle lockstitch
Sewing area	(X) 500 x (Y) 450 mm
Speed	2 000 rpm (depending on operation)
Feeding system	Intermittent or continuous
Stitch length	0.1 ~ 20.0 mm
Pattern storage	Internal memory or external USB
Max. number of stitches	20 000 stiches / pattern
Max. number of patterns	512 patterns (internal memory)
Scale-up / Scale down	10 ~ 200% for X and Y axis
Presser foot	Stepping Motor Controlled (pneumatic)
Hook	Double size rotary hook
Needle	DP X 17#18
Work holder lift	Max. 30 mm
Presser foot lift	Max. 18 mm
Pattern input	Touch screen (PLK-G-PAL)
Main driving motor	750 W direct drive
Power	220 ~ 240 V, 1 or 3 phases
Mass (kg)	550

Applications

Leather, outdoor shoes



Compensating needle shaft system



By using a "compensating needle shaft", material is hold between it and presser foot during needle down motion. As presser foot is stopped, material is not pressed. Space between material and needle plate is compensated by "compensating needle shaft". Material is not moving, seam is regular. Presser foot maintains material during needle up motion.