



## Global LP 2970 series - Single or double needle lockstitch post bed machines for stitching operations in the shoe production

### TECHNICAL SPECIFICATIONS

Machinespeed\*  
Max 3000 spm

Number of needles  
1 or 2

Stitch length  
Single needle :  
max 7 mm  
Double needle :  
max 5 mm

Needle type  
134 LR , 134 KCLR or  
134-35 LR

Bed type  
postbed

Feed type  
reversible needle feed , top  
driven roller and wheel feed.  
(no needle feed on Global LP  
2974 type)

LP 2971 LH-AUT – Single-needle lockstitch post bed machine with wheel feed, needle feed and driven roller presser and large hook. The machine has a maximum stitch length 7 mm. The machine is equipped with automatic thread trimmer, automatic back tacking, and presser foot lift.

LP 2974 LH-AUT – Double-needle lockstitch post bed machine with wheel feed, and driven roller presser and large hooks. The machine has a maximum stitch length 5 mm. The machine is equipped with automatic thread trimmer, automatic back tacking, and presser foot lift. It's easy to convert this machine into a needle feed machine.

★ Max. sewing speed depends on type of operation and/or materials to be sewn

The GLOBAL® Selection is brought to you by:

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When ordering parts please specify:  
① machine model  
② part numbers

1299

**LP 2971 – SINGLE NEEDLE MACHINE**

**available gauge sets**

SINGLE NEEDLE	USE	NEEDLE SIZE	NEEDLE SYSTEM	INSERT HOLE WIDTH	MAX. STITCH LENGTH	S.P.M.	FEED WHEEL PITCH	TOP ROLLER SIZE
E2	M	Nm 90-110	134 KCLR	1,8	5 MM	2500	0,6	35
E1	L	Nm 70-80	134 KCLR	1,4	4 MM	3000	0,6	35
E3	S	Nm 120-160	134 KCLR	2,4	7 MM	2000	1,2	35
E17	M	Nm 90-110	134 LR	1,8	5 MM	2500	1,2	25
E19	M	Nm 90-110	134 LR	1,8	5 MM	2500	0,6	25
E34	L	Nm 70-80	134 LR	1,4	4 MM	3000	-	35
E35	M	Nm 90-110	134 LR	1,8	5 MM	2500	-	35

**LP 2974 – DOUBLE NEEDLE MACHINE WITHOUT NEEDLE FEED**

**available gauge sets**

NEEDLE DISTANCE	USE	NEEDLE SIZE	NEEDLE SYSTEM	INSERT HOLE WIDTH	MAX. STITCH LENGTH	S.P.M.	FEED WHEEL PITCH	TOP ROLLER SIZE
E55 / 1,6 - 2,0	M	Nm 90-110	134 KCLR	Ø 2 MM	5 MM	2500	0,6	35
E56 / 2,0 - 2,4	M	Nm 90-110	134 KCLR	Ø 2 MM	5 MM	2500	0,6	35
E57 / 2,0 - 2,4	H	Nm 120-140	134-35 LR	Ø 2,3 MM	7 MM	2000	0,6	35

**LP 2974 – DOUBLE NEEDLE MACHINE WITH NEEDLE FEED (AFTER CONVERTING)**

**available gauge sets**

NEEDLE DISTANCE	USE	NEEDLE SIZE	NEEDLE SYSTEM	INSERT HOLE WIDTH	MAX. STITCH LENGTH	S.P.M.	FEED WHEEL PITCH	TOP ROLLER SIZE
E8 / 1,2	L	Nm 70-80	134 KCLR	1,5	4	3000	0,6	35
E9 / 1,6	L	Nm 70-80	134 KCLR	1,5	4	3000	0,6	35
E10 / 2,0	L	Nm 70-80	134 KCLR	1,5	4	3000	0,6	35
E11 / 1,6	M	Nm 90-110	134 KCLR	1,5	4	2500	0,6	35
E12 / 2,0	M	Nm 90-110	134 KCLR	1,5	4	2500	0,6	35
E13 / 2,4	M	Nm 90-110	134 KCLR	1,5	5	2500	0,6	35
E14 / 2,0	H	Nm 120-160	134 KCLR	2,3	4	2000	1,2	35
E15 / 2,4	H	Nm 120-160	134 KCLR	2,3	5	2000	1,2	35
E16 / 3,2	H	Nm 120-160	134 KCLR	2,3	5	2000	1,2	35
E18 / 1,6	M	Nm 90-110	134 KCLR	1,5	4	2500	1,2	25
E20 / 2,0	M	Nm 90-120	134 KCLR	2,0	5	2500	0,6	35
E21 / 2,4	M	Nm 90-120	134 KCLR	2,0	5	2500	0,6	35
E30 / 1,6	M	Nm 90-110	134 KCLR	1,5	4	2500	1,2	35
E50 / 3,6	M	Nm 120-160	134 LR	2,3	5	2000	1,2	35

**Special features:**

- Highest precision on stitch locking even during sewing speed changes
- Large vertical hook
- Automatic bobbin winder with start up function
- The powerful and effective feeding system with wheel feed, needle feed and driven roller presser guarantees excellent material feed when processing different material thicknesses
- Hook replacement without dismantling of bobbin case
- Integrated built-on motor to save energy and easy maintenance
- Easy maintenance and access, only a few tools needed
- Low noise and vibration
- Simple needle guard adjustment by screw
- New lubricating system with central oil tank and oil pump
- Fully integrated solenoids no compressed air required