

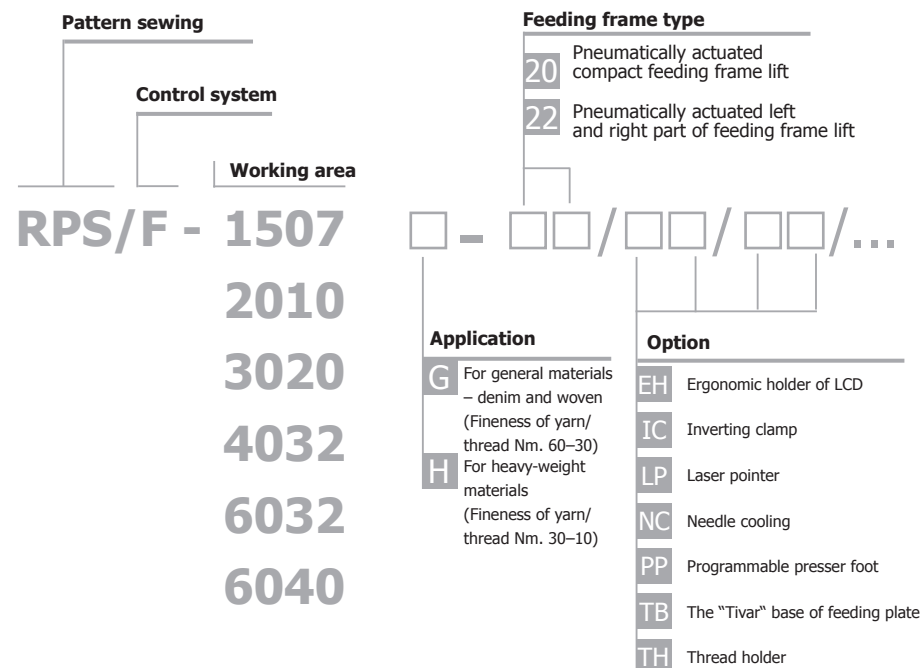
Technical Specifications RPS/F series

	1507	2010	3020	4032	6032	6040
Sewing speed max.	2800 spm*	2800 spm*	2300 spm*	2500 spm*	2500 spm*	2300 spm*
Stitch length	0,1–12,7 mm					
No. of needles	1 135 x 17 Nm. 80–180					
Hook	double-capacity shuttle hook					
Lift of presser foot max.	20 mm (Stroke: 4–7 mm)					
Lift of feeding frame max.	standard 20 mm	standard 20 mm	standard 32 mm	standard 35 mm	standard 35 mm	standard 35 mm
Thread trimmer	standard					
Memory device	all devices USB compatible (CD-ROM, FDD, card writer/reader...)					
Communication	ethernet, 1 port 100BASE-TX/10BASE-T, connector RJ-45, USB port					
No. of stitches in memory	240 000 000					
No. of patterns in memory	1000					
Driving unit	motor servo AC 750 W					
Power supply	1-Phase 220 V, 240 V					
Air consumption	0.55 MPa (5.5 kg/cmq)					

* At stitch length up to 3 mm

Accuracy of illustration and description of equipment shown herein apply to products as manufactured at time of publication.

Ordering System



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new

RPS/F-1507
2010
3020
4032
6032
6040

**Electronically Controlled
Pattern Sewing Machine
with Direct Drive**



AMF REECE
Better Ideas, Better Made

Features

RPS/F-1507 and RPS/F-2010 (1) have a smaller sewing area with max. sewing speed of 2800 SPM. Two piece clamps which are pneumatically controlled are standard RPS/F-3020 has a larger sewing area with max. sewing speed of 2300 SPM. One piece clamp which is pneumatically controlled is standard.

The model RPS/F-6040 with max. sewing area is 600 x 400 mm is only custom-made.

The transfer of data (2) is done by USB port which is fitted to the control system on the machine. Remote monitoring and diagnostic is operated by LAN port.

RPS/F-4032 RPS/F-6032 and RPS/F-6040 (3) have a large sewing area with max. sewing speed of 2500 SPM. Pneumatically controlled clamping mechanism for clamping fabric is standard.

All models are supplied with wiper as standard. **(4)**

This line of machines is distinguished by **high quality and productivity.**

New control system "F serie" eliminates incorrect stitches and ensures "stitch in stitch" at backward sewing also at max speed. This system also regulates acceleration and deceleration of machine very quickly and on time. These two functions reduce time for making products.

Touch LCD and new software makes work easier for operator. Operator can see on the big screen the coloured working area and all the information about the pattern, number of products, sewing speed, all optional functions of machines which are turned on, operator can see the position of the fabric about to be sewn. Operator can edit new patterns on LCD. Also it is possible to get help from the library of saved patterns edit, large, enlarge, move.

Wiper is supplied for all models as standard. Wiper ensure wiping of the thread outside of helping presser foot after the end of sewing cycle.

Working of machine is made by direct drive, helping by servomotor with load 750 W.

Easy transfer of data by USB port.

Easy connectivity to the machine, remote control, monitoring and diagnostic of troubles is made by LAN port. Once connected problems with the machine can resolved quickly.

Options

Holder of the LCD screen (5) – The adjustable ergonomic holder for the LCD screen is supplied as standard for the following machines: RPS/F-3020, RPS/F-4032, RPS/F-6032 and RPS/F-6040. The adjustable ergonomic holder for the LCD screen is an option for the following machines: RPS/F-1507 and RPS/F-2010.

Laser – Laser light (6) is used for positioning of the work in relation to the moving frame.

Rotary frame (7) – The function of the rotary frame is to hold labels and place in to position at the sewing start, this is done by programme.

High presser foot function (8) – The height of the presser foot can be adjusted for thick materials by programme. The automatic lift of the presser foot to predefined position is operated by programmed command.



Needle cooler (9) – The needle cooler is used for prevention of thread breaking when sewing heavy materials or at high speed.

Thread holder (10) – Fitting the thread holder eliminate any problems at start of sewing on heavy materials.

The "Tivar" base of feeding plate

At the machines RPS/F-1507 and RPS/F-2010 there is metallic base of feeding plate as standard. This metallic base is covered with protective and replaceable plastic film with limited life. The "Tivar" base is supplied for these modes as an option. This special base of feeding plate with multiple life in comparison with standard base is resistance to abrasion. This "Tivar" base also eliminates problems with break of film. Machines with "large" sewing area are supplied with "Tivar" base as standard.

RPS-01 Software

Description of programme:

The software programme RPS-01 is specially designed for making patterns on the RPS-series and to work with CAD systems (DXF) allowing the importation vectors from CAD systems. The software also makes the possibility to show the simulation of sewing the pattern on computer. The transferring of patterns to machine is done by USB FLASHDISK or by LAN network.

System requirements

PC/OS	Windows XP or more
RAM	512 MB
HDD	10 MB free space
Display	VGA or more 1024x768
USB port	1x for key-lock
Mouse	mouse for Windows

