

Specifications/

S-7220D-40
S-7240D-405

Application	
3	For medium-weight materials
5	For heavy-weight materials

		S-7220D-		S-7240D-
		403	405	
Hook type		Standard hook	Standard hook	Double hook
Lubrication type		Minimum lubrication	Minimum lubrication	
Application		Medium materials	Heavy materials	
Max. sewing speed		5,000sti/min*1	4,000sti/min*2	
Start back tacking and continuous back tacking speed		220-3,000sti/min		
End back tacking speed		1,800sti/min		
Max. stitch length		4.5mm	5.5mm	5.3mm
Presser foot height		Presser bar lifter:6mm, Knee lifter:16mm		
Needle bar stroke		33mm	35mm	
Needle(DB×1,DP×5)		#11~#18	#19~#22	
Feed dog height		1.0mm	1.2mm	
Arm pocket size		Width:300mm, Height:120mm		Height:117mm
Bed size		517.5mm×178mm		
Machine head drive		Direct drive mechanism		
Motor		AC servo motor		
Weight	Machine head	46kg		
	Control box	7.7kg		
Power		Single phase:110V*3		
		/Single phase:200V-230V		
		Max. electric power consumption 500VA		

*1 When sewing at speeds of 4,000sti/min or higher, set the stitch length to 3.5mm or less.
*2 When sewing at speeds of 3,000sti/min or higher, set the stitch length to 4.5mm or less.
*3 The transformer is required.



Brother GT/ISM Support App



RoHS Compliant S-7220D,S-7240D is compliant with the RoHS Directive(the restriction of the use of certain hazardous substances in electrical and electronic equipment) which came into effect in the EU in July 2006.

Please read instruction manual before using the machine for safety operation.
-Product specifications are subject to change for improvement without notice.
-Photographs are for illustration purpose. They may not represent actual operating conditions and may display optional parts.

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NEXIO

Single Needle Direct Drive Needle Feed Lock Stitcher with Thread Trimmer

S-7220D

Single Needle Direct Drive Needle Feed Lock Stitcher with Large Hook and Thread Trimmer

S-7240D



S-7220D

High-Quality Stitching for All

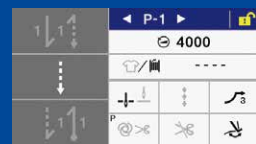
The needle feed lock stitcher is suitable for the sewing of slippery materials or sewing of multiple layers of material. It helps to prevent uneven material feeding to further meet the highest quality sewing standard while requiring less skill.

1 User-intuitive Color LCD Display Touch Panel

The Color LCD display touch panel display items with illustration icons, offering easy user-intuitive operation.



There are three types of operator panel display. Detailed home screen, quick home screen, simple home screen can be switched based on the ease of panel operation.



Detailed home screen



Quick home screen



Easy home screen

2 Productivity improvement with IoT capabilities

This model is IoT applicable. The visualization by connecting sewing machine with computers, enables customer to analyze and manage processes which helps increasing productivity and maintenance performance.

*It is applicable for Brother's IoT system. For more information, please refer to the catalog of "Brother Industrial Sewing Machine Network System".



3 Prevents uneven material feeding

This sewing machine is suitable for sewing of materials that require quality processing such as placket stitching of polo shirts.



4 Needle breakage prevention function

When reverse stitching is carried out using the quick back switch on standard straight lock stitcher machines, needle breakage may occur. For thorough analysis of its cause, the function of preventing the needle breakage has been introduced.



5 Increased needle penetration

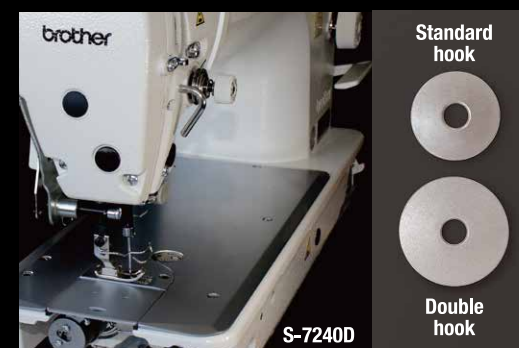
When the needle penetration resistance is increased in cross over seams and extra-thick overlapping of workpiece sewing, the needle penetration force is automatically increased by vibration control.

6 Enhanced electronic design

We adopted the control circuit board design which has been proven high reliable in other models and strengthened the ability to cope with the voltage fluctuations. In addition, vibration resistance is improved, and you can use it safely in various environments.

7 Equipped with a double hook for heavy materials (S-7240D)

S-7240D is equipped with a double hook. The frequency of bobbin replacement is reduced, improving production efficiency in the heavy material sewing process.



8 Examples of suitable materials and processes

