

S-7220C

Single needle direct drive needle feed lock stitcher with thread trimmer

The needle feed lock stitcher is suitable for the sewing of slippery or multiple layers of material. It prevents uneven material feeding, meeting the highest quality sewing standards.

- The needle feed mechanism prevents uneven material feeding
- Clean sewing without oil staining
- Smooth sewing with the direct drive system
- High energy saving



Advanced & Clean

1 Prevents uneven material feeding

Movement is transmitted directly from the horizontal feed shaft, so that needle feed and lower feed are perfectly synchronized, preventing uneven material feeding for diversified materials. The needle feed amount is available up to 20% increase of the lower feed amount.



2 Needle Breakage Prevention Function

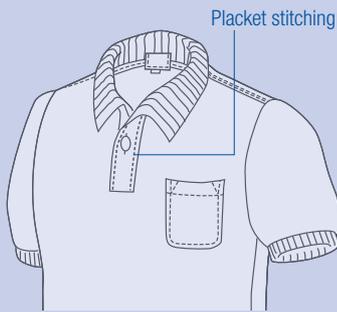
When reverse stitching is carried out with the actuator switch, needle breakage may occur. With thorough analysis of its cause, the function preventing the needle breakage has been introduced.

3 Meets designs with long stitches

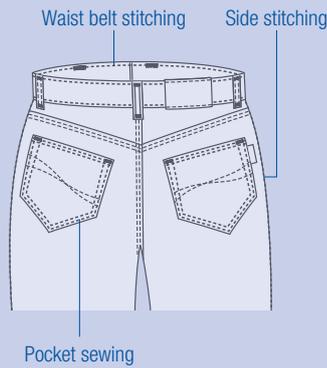
When the needle penetration resistance is increased in extra-thick overlapping part sewing, the needle penetration force is automatically increased by the vibration control (intermittent impact).

Examples of suitable materials and processes

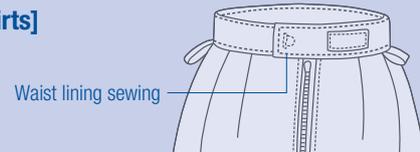
[Polo shirts]



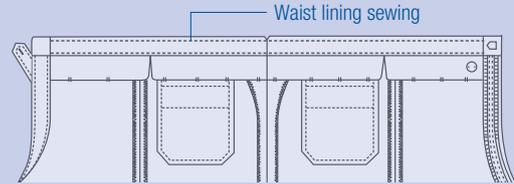
[Jeans]



[Skirts]



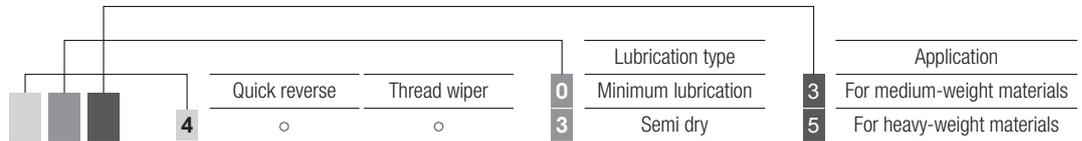
[Men's trousers and ladies' slacks]



Sewing requiring quality(Placket stitching of polo shirt), Slippery materials (Sportswear, rain wear), Overlapping parts(Stitching of jeans), Different materials(Waist lining sewing of skirt and slacks), Lengthy articles(Curtain, quilt cover), Materials difficult to feed(Coat etc. Quilting/fleece)

Specifications/

S-7220C-



S-7220C-	403	433	405
Lubrication type	Minimum lubrication	Semi dry	Minimum lubrication
Application	Medium materials	Medium materials	Heavy materials
Max. sewing speed	5,000 sti/min *1	4,000 sti/min	4,000 sti/min *2
Start backtacking and continuous backtacking speed		220-3,000 sti/min	
End backtacking speed		1,800 sti/min	
Max. stitch length		4.5mm	5.5 mm
Presser foot height		Presser bar lifter: 6mm, knee lifter: 16mm	
Needle bar stroke		33mm	35mm
Needle(DB x 1 • DP x 5)		#11~#18	#19~#22
Feed dog height		1.0mm	1.2mm
Weight		Machine head:46kg, Control box: 3.1kg, Operation panel:0.6kg	
Arm pocket size		Width:300mm, Height: 120mm	
Bed size		517.5mm x 178mm	
Power		Single phase 100-120V, 200-240V, 3-phase 200-240V, 380-415V	

*1 When sewing at speeds of 4,000 sti/min or higher, set the stitch length to 3.5mm or less.

*2 When sewing at speeds of 3,000 sti/min or higher, set the stitch length to 4.5mm or less.

RoHS Compliant

S-7220C 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.



Brother has established voluntary environmental standards for products and created the "Brother Green Label". S-7220C is certified as an environment-conscious sewing machine according to the "Brother Green Label" standard.



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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