

SPEED & DRY Finish



Z7000SD-8

class

■ Numbering of Model

Z7020SD-Y5DF-8/K2

① ② ③ ④ ⑤ ⑥ ⑦ ⑧ ⑨

- ① Symbol of series
- ② Class No.: 70,71=Overlock 75=Safety stitch
- ③ Submodel
- ④ Needle distance: O=Single needle, X=2mm, Y=2.4mm, A=3.2mm, C=5mm
- ⑤ Overedge seam width: 2=2mm, 4=4mm, 5=5mm, 6=6mm, 7=7mm, 8=8mm
- ⑥ Feeding mode: D=Differential Feed
- ⑦ Type of Upper Knife: F=Flat Knife
- ⑧ Special Specification
- ⑨ Devices

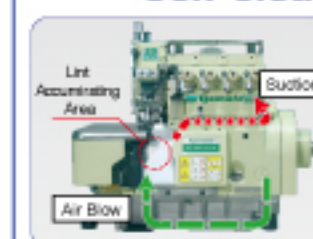
■ Specification

Model	Seam	!	!	!	!	!	!	!	!
Z7003SD-8		1	3	-	4				6
Z7020SD-8		2	4	2, 2.4	4, 5				6
Z7025SD-8		2	4	2, 2.4	4, 5				6
Z7120SD-8		2	4	2.4	5, 6, 7, 8	1-4			6
Z7125SD-8		2	4	2.4	5, 6, 7, 8				6
Z7500SD-8		2	5	3.2, 5	4, 5				6
Z7520SD-8		3	6	3.2+2.4	6				6

■ Device

- K1: Automatic Thread Chain Cutter (Horizontal Type)
- K2: Automatic Thread Chain Cutter (Vertical Type)
- BT43: Semi-Automatic Back-tacker
- SC□□: Self Cleaning System
- MT22: Tape/Chain Cutter

Self Cleaning System (Options)



It eliminates accumulating of dust around the lower knife and the area under stitch plate and ensures clean operation environment.

- Blowing off lint (uses an oil cooling fan which cools off oil.)
- Collecting lint (for lint collection, an optional vacuum cleaner is recommended.)



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Why "SD"?

Problems of Solid Lubrication

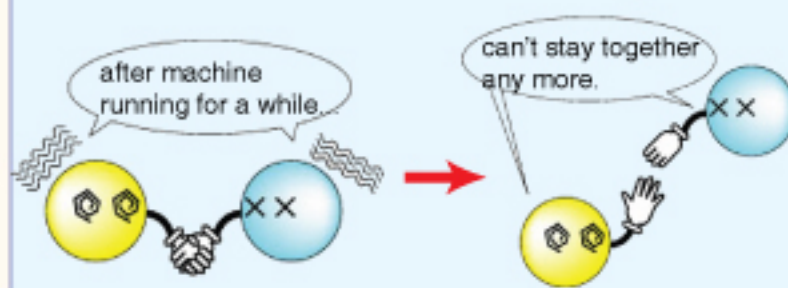
Though DRY machine is called "no oil machine", it is not true that it does not use oil. Actually, grease is used on its needle bar and upper looper mechanism. This kind of solid lubrication have some potential problems.

- Normal grease will be separated into liquid and cause oil leakage problem under certain temperature or after running a while. It can not be changed back to original shape once it is separated.
- Some parts which need lubrication can not be lubricated after grease flowing away. Thus, some parts would be damaged badly. Furthermore, machine can not run at high speed.
- Grease can not be circulated. And it will get less and less after separated. Therefore, machine life is not long.

Some Parts Can Not Be Lubricated



Grease Will Flow Away



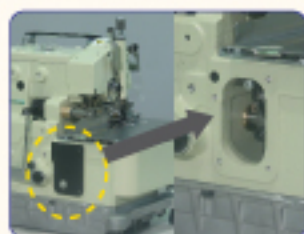
Z7000SD-8: Non-Solid Lubrication

SD Series introduces upgraded Yamato "Non Stain" technology, which allows you to enjoy up to 7000sti/min high sewing speed without worrying about oil leakage. Meanwhile, "Non-Solid" lubrication system (ultramicro-liquid lubrication system) ensures long durability. Because key parts such as needle bar and upper looper mechanism can get necessary lubrication even after long time running.



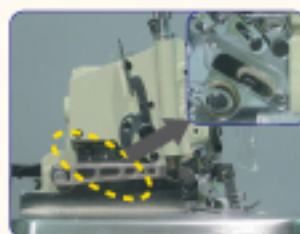
Easy maintenance

Feed dog angle adjustment



The feed dog tilt is easy to tilt up or down from outside of the machine depending on the sewing conditions.

Upper looper bar adjustment



Easier access to adjusting screw for less downtime in addressing different sewing conditions.

Lower looper holder adjustment



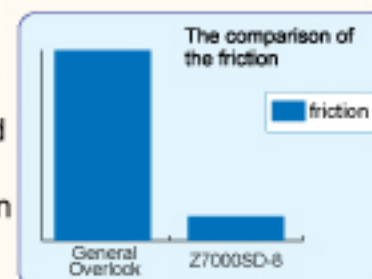
Easy adjustment of lower looper with micro-adjuster.

How "SD"?

Z7000SD-8 Series:

- **High-speed and durability are guaranteed by a high-tech processing and the controlled circulation!!**

High-tech processing parts which greatly reduce friction as same as so-called "dry head" machine is introduced on needle bar and upper looper mechanism. A smooth driving is achieved by minimal liquid lubrication compared with the conventional model. Moreover, high durability and high-speed of 7,000sti/min are guaranteed because of an efficient lubrication made by unique circulation system.

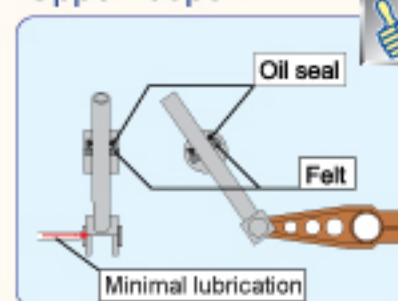


- **Prevent stain by circulated minimal liquid lubrication and special sealing technology!!**

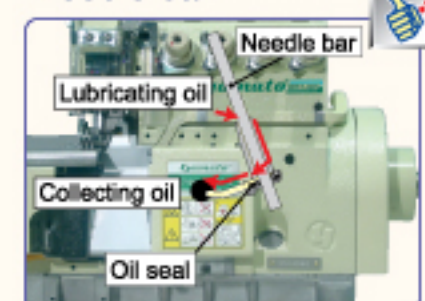
Not only minimal lubrication but also special sealing technology is introduced on needle bar and upper looper mechanism. While feed a steady little amount, oil is wiped away with the oil seal before the moving parts are exposed. The wiped oil is circulated and doesn't lead outside.

Max
7,000
sti/min

Upper looper



Needle bar



Versatility (Z7120SD-8)



Overlock seam width adjuster is equipped as standard

Overlock seam width can be adjusted during 5mm-8mm without changing any parts by using this adjuster (based on Z7120SD-Y5DF).

* Only recommend for using it for small lot order.

