

RECOMMENDED MAINTENANCE

All information pertains to regular operation of the machine. For 2- or 3-shift operations, maintenance tasks should be performed more frequently as needed.



Maintenance work on machines with F-Head

TASK:	CARRIED OUT BY:	D	W	M	¼ Y	½ Y	Y	A.N.
Clean rotary hook and surrounding area	Operator	X						
Oil rotary hook	Operator	X (A)						
Clean thread trimmers		X						
Clean bobbin thread monitor		X						
Control safety devices (light barrier on function)		X						
Control thread tension (upper thread)		X	After each shift change!					
Control thread tension (bobbin case)		X	After each change of the bobbin case!					
Oil felt in drive unit (embroidery head)			X (A)					
Oil felts in needle unit (embroidery head)			X (A)					
Grease helical gear wheel (foot plate: variant 1)					X (B)			
Grease connecting rod (foot plate: variant 2)					X (B)			
Grease drive wheels (tubular arm)					X (B)			
Thread trimmer drive (underneath cylinder arm)					X (B)			
Sequin device (grease spindle if used every day)					X (B)			
Oil connecting rods in drive unit (embroidery head)						X (A)		
Grease connecting rod (foot plate: variant 2)						X		
Grease connecting rod (tubular arm)						X		
Grease color change (comb, spiral, spindle)						X		
Clean upper thread guide elements (embroidery head)								X
Change embroidery needle								X
Boring attachment - Change borer								X
Oil double-roller cord attachment (needle bars and guides)								X
Oil cord/loop attachment (needle bars and guides)								X

A: JC W-35 Super Lubrifiant – sewing machine oil

B: Gleitmo 585M – grease

C: ISOFLEX TOPAS L 32 - grease

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Maintenance work on machines with W-Head

TASK:	CARRIED OUT BY:	D	W	M	¼ Y	½ Y	Y	A.N.
Clean rotary hook and surrounding area		X						
Oil rotary hook		X (A)						
Clean thread trimmers		X						
Clean bobbin thread monitor		X						
Control safety devices (light barrier on function)		X						
Tension toothed belt - zigzag drive				X				
Oil steel needle bar/top housing bearing				X (A)				
Tension toothed belt - fabric presser drive				X				
Oil steel needle bar/ fabric presser sleeve				X (A)				
Tension toothed belt - winding axis				X				
Grease driver - zigzag sleeve				X (B)				
Oil holder with pawl - axle					X (A)			
Grease zigzag sleeve/aluminum sleeve					X (C)			
Grease zigzag fork halves/zigzag sleeve					X (B)			
Grease helical gear wheel (foot plate: variant 1)					X (B)			
Grease connecting rod (foot plate: variant 2)					X (B)			
Grease drive wheels (cylinder arm)					X (B)			
Thread trimmer drive (underneath cylinder arm)					X (B)			
Lever/spring/guide of the Grease driver counter bearing						X (B)		
Oil connecting rod (Embroidery head)						X (A)		
Helical gear - Grease tothing						X (B)		
Oil zigzag drive pin/guide						X (A)		
Grease fabric presser sleeve/steel bearing						X (C)		
Grease color change (comb, spiral, spindle)						X (B)		
Helical gear - Grease flathead grease nipple							X (B)	
Clean upper thread guide elements (embroidery head)								X
Aluminum needle bar (coated/upper housing bearing)								
Aluminum needle bar (coated/fabric presser sleeve)								

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Maintenance work on machines with K-Head

TASK:	CARRIED OUT BY:	D	W	M	¼ Y	½ Y	Y	A.N.
Clean thread trimmers		X						
Clean bobbin thread monitor		X						
Control safety devices (light barrier on function)		X						
Grease needle bar/pulley guide (embroidery head)				X (B)				
Clean toothed belt - Z-axis/needle bar (embroidery head)				X				
Oil lower sinter bush (housing)				X (A)				
Grease drive wheels (cylinder arm)					X (A)			
Thread trimmer drive (underneath cylinder arm)					X (B)			
Oil connecting rod bearing (Crank-Stopper drive)						X (A)		
Pleuellager ölen (Kurbel-Nadelstangenantrieb)						X (A)		
Oil connecting rod bearing (crank needle bar drive)						X (A)		
Oil axial bearing (needle bar drive)						X (A)		
Grease color change (comb, spiral, spindle)						X (B)		
Clean toothed belt (thread Layers)								X
Upper sintered bush								

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General cleaning and maintenance work

TASK:	CARRIED OUT BY:	D	W	M	¼ Y	½ Y	Y	A.N.
Grease linear guide side-to-side and front-to-back drive (Tubular arm mashines)					X (B)			
Grease linear guide side-to-side drive (Flatbed-mashines)					X (B)			

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General cleaning and maintenance work (Control components)

Do not use compressed air for cleaning work on the control components and filters!

TASK:	CARRIED OUT BY:	D	W	M	¼ Y	½ Y	Y	A.N.
Clean control components								X
Clean ventilation filter								X
Change ventilation filter						X		
Replace ventilation filter on machines with carbon protection		Filters cannot be cleaned! Always replace the filter!			X			

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Maintenance work Tailored Fiber Placement (TFP)

TASK:	CARRIED OUT BY:	D	W	M	¼ Y	½ Y	Y	A.N.

- A: JC W-35 Super Lubrifiant – sewing machine oil
- B: Gleitmo 585M – grease
- C: ISOFLEX TOPAS L 32 – grease

Maintenance work for Automotive Applications

TASK:	CARRIED OUT BY:	D	W	M	¼ Y	½ Y	Y	A.N.

- A: JC W-35 Super Lubrifiant – sewing machine oil
- B: Gleitmo 585M – grease
- C: ISOFLEX TOPAS L 32 – grease

Descriptions of the tasks to be performed and the lubricants to be used can be found in the maintenance manuals, which you can download from our website.

<https://www.zsk.de/de/download/zsk-anwenderhandbuecher.php>