





## Servicing

11.4.2 Daily	Customer:	
	Serial no.:	
<b>Maintenance tasks</b>		
	<p><b>WARNING</b> Rotating parts! Severe injury due to the risk of crushing or entanglement.</p> <ul style="list-style-type: none"> <li>→ Turn the main disconnect off and secure to prevent it being switched on again.</li> <li>→ Work may only be performed by demonstrably trained personnel.</li> </ul>	
<b>Item to be serviced</b>	<b>Work to be performed</b>	<b>Chap. no.</b>
Environment	Check the transition to the surrounding environment, especially in the loading and unloading area.	11.5.2
	Check the side covering (no access below the structure).	11.5.3
	Check the free space to the side.	11.5.4
Mechanical components	Visually check the surface of the conveyor belt.	11.5.5
	Visually check the belt splice (for conveyor belts longer than 111 m use a test mandrel).	11.5.6
	Check the belt edge guides.	11.5.7
	Check the loading area and unloading area platforms.	11.5.8
	Check the overall condition of the conveyor belt (obvious defects).	
	Remove snow and ice in the stations.	11.8
	Check for the presence and legibility of the information boards and markings.	
<b>Setup work</b>		
	<p><b>DANGER</b> Rotating parts! Severe injury due to the risk of crushing or entanglement.</p> <ul style="list-style-type: none"> <li>→ Work may only be performed by demonstrably trained personnel.</li> <li>→ Use the enable button in setting mode.</li> <li>→ Wear suitable close-fitting work clothing.</li> <li>→ Urgent recommendation when working in a team.</li> <li>→ When performing work alone, other target-oriented operational measures must be implemented to minimize risks (alarm or rescue chain).</li> </ul>	
<b>Item being set up</b>	<b>Work to be performed</b>	<b>Chap. no.</b>
Conveyor belt	The conveyor belt must run centered on the drive and return rollers.	11.6
<b>Recovery</b>		
	<p><b>WARNING</b> Persons and objects on the conveyor belt. Risk of injury and property damage!</p> <ul style="list-style-type: none"> <li>→ No unauthorized access.</li> <li>→ Keep the conveyor belt, loading and unloading areas free of objects.</li> <li>→ Urgent recommendation when working in a team or for other target-oriented operational measures (alert or rescue chain).</li> </ul>	
<b>Test object</b>	<b>Work to be performed</b>	<b>Chap. no.</b>
Safety devices	Test the function of the transition stop device.	11.7.1
	Test the function of the transition stop device 2 (in case of option 1,2 m/s)	11.7.2
	Test the function of the emergency plate.	11.7.3
	Test the function of light gate 1.	11.7.4
	Test the function of light gate 2.	11.7.4
	Test the function of the safety stop.	11.7.5

Servicing


Entire system	Test the function of the system during recovery.	
	Check that operation is quiet.	

For service time documentation of service personnel (enter the initials).


Comments:

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## Servicing

11.4.3 monthly	Customer:	
	Serial no.:	
<b>General</b>	<b>Carry out the daily maintenance tasks!</b>	


### Maintenance tasks

	<b>WARNING</b> Rotating parts! Danger of death or injury! → Turn the main disconnect off and secure to prevent it being switched on again. → Work may only be performed by demonstrably trained personnel.	
<b>Item to be serviced</b>	<b>Work to be performed</b>	<b>Chap. no.</b>
Mechanical components	Check the stability of the conveyor belt.	11.5.8
	Check the bearings for grease leaks.	11.5.10
	Lubricate the bearings (except for reinforced bearings).	11.5.10
	Check conveyor belt tension.	11.5.12
	Lubricate the clamping guide and clamping bolts.	11.5.10
	Check the overall condition (rust, wear, protruding parts, etc.).	
Electrical Components	Check the plugs, lines and controls.	11.5.13
Safety devices	Check the nonreturn device (if present) for defects.	


For service time documentation of service personnel (enter the initials).												
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sept	Oct	Nov	Dec
Date												
Name												
Comments:												

11.4.4 Annually	Customer:	
	Serial no.:	
<b>General Carry out the daily and monthly maintenance tasks!</b>		


**Maintenance tasks**

	<p><b>WARNING</b>                  Rotating parts!                  Danger of death or injury!                  → Turn the main disconnect off and secure to prevent it being switched on again.                  → Work may only be performed by demonstrably trained personnel.</p>	
<b>Item to be serviced</b>	<b>Work to be performed</b>	<b>Chap. no.</b>
Mechanical components	Change the gear oil after 5000 operating hours or 5 years (depending on which occurs first).	11.5.14
	Lubricate the reinforced bearings (if present) every 1000 operating hours.	11.5.10
	Check and clean all moving parts.	11.5.15
	Check the distance between the belt edge guide and the conveyor belt.	11.5.16
	Check the conveyor belt width.	11.5.17
	Check the overall condition (loose bolts, settling on the ground, stability of the substructure, etc.).	11.5.18
	Check the side guides of the conveyor belt.	11.5.19
Electrical components	Check for the presence and condition of the safety stickers.	11.5.20
	Tighten the power supply cable connections (observe the torque).	
	Check and adjust the electrical elements.	
	Clean the fans.	

**Setup work**

	<p><b>DANGER</b>                  Rotating parts!                  Severe injury due to the risk of crushing or entanglement.                  → Work may only be performed by demonstrably trained personnel.                  → Use the enable button in setting mode.                  → Wear suitable close-fitting work clothing.                  → Urgent recommendation when working in a team.                  → When performing work alone, other target-oriented operational measures must be implemented to minimize risks (alarm or rescue chain).</p>	
<b>Item being set up</b>	<b>Work to be performed</b>	<b>Chap. no.</b>
Safety devices	Test the drive terminal enable button safety switch function.	11.7.6
	Test the return terminal enable button safety switch function.	11.7.6

**Recovery**

	<p><b>WARNING</b>                  Persons and objects on the conveyor belt.                  Risk of injury and property damage!                  → No unauthorized access.                  → Keep the conveyor belt, loading and unloading areas free of objects.                  → Urgent recommendation when working in a team or for other target-oriented operational measures (alert or rescue chain).</p>	
<b>Test object</b>	<b>Work to be performed</b>	<b>Chap. no.</b>
Safety devices	Test the function of the access cover.	11.7.7
	Test the function of the drive terminal left hinged cover.	11.7.8
	Test the function of the drive terminal right hinged cover.	11.7.8
	Test the function of the return terminal left hinged cover.	11.7.9
	Test the function of the return terminal right hinged cover.	11.7.9

**Servicing**

For service time documentation of service personnel (enter the initials).			
Comments:			
<b>Criteria for documentation</b>	1 = No error 2 = Maintenance limit reached 3 = Small error, repaired 4 = Small error, replaced		5 = Small error, not fixed 6 = Serious error, repaired 7 = Serious error, replaced 8 = Serious error, not fixed
	When the function can be impaired there is a slight error. When safety in relation to accidents is impaired, there is a serious error.		
	<b>Date</b>	<b>Technician</b>	<b>Tester</b>