



Customer:

Serial no.:

Maintenance schedule for conveyor belt

1,2m/s
06-17

Daily

**Switch off the main disconnect before performing maintenance work (except with test runs).
Perform safe test runs as required!
Observe the operation and maintenance instructions!**



Maintenance object	Task to be performed	Info Chap. no.
Safety systems	Check transition stop device function.	06-04-01
	Check function of all stop and emergency stop buttons.	06-04-01
	Check emergency plate.	06-04-01-
	Test the light gates.	06-04-01
	Overrun after stop with a safety device must not exceed 20cm (safety gate - OP side exit: max. 30mm).	06-04-01
	Test safety net.	06-04-02
	Test foam block.	06-04-02
Conveyor belt	Visual inspection of the belt surface.	06-05
	Check for quiet running.	06-05
	Belt must run centrally on the drive/deflection drums.	06-05
	Mechanical belt connector in good condition and correct direction. For conveyors over 111m in length, check with control gauge. Vulcanised belt connection or adhesive type SC in good condition	06-05
Complete system	Snow surface transition (ground surface, etc.) Loading/unloading area.	06-05
	Check free space at the side.	06-05
	Remove snow and dirt accumulations beneath drive and return drums.	06-05
	No belt slipping due to icing with passenger transport.	06-05
	Check positioning of the covers.	06-05
	Check the support points of the conveyor belt.	06-05
	Check signs for damage, completeness and dirt. Replace or clean if necessary.	---
	Check side panelling along the conveyor belt for gaps and holes (no access into/beneath construction).	03-20
Electrical control system	Check plugs, cables and controls.	---

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

Comment:

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Customer:
Serial no.:

**Maintenance
schedule
for conveyor belt**

1,2m/s
06-18

Monthly

**Switch off the main disconnect before performing maintenance work (except with test runs).
Perform safe test runs as required!
Observe the operation and maintenance instructions!**



Maintenance object	Task to be performed	Info Chap. no.
Safety systems	Test backstop device (if fitted).	06-04-01
Emergency stop devices	Check all safety equipment.	06-04-01
Drive system	Check belt tension.	03-16
	Lubricate tension guide and screws.	06-06
	With reinforced bearing: visual inspection for grease leakage.	---
	Grease bearings (with the exception of reinforced bearings) with grease nipple (every 200 operating hours).	06-06
	Test functionality of the light gates.	06-04-01
Conveyor belt	Check the tensioning device with the return station belt tension, re-tension if necessary.	03-16
	Visual inspection for wear (traces of wear, friction points, etc.).	---
Return unit	OP snow plough: with the formation of sharp edges → grind away.	---
Complete system	Extraordinary cleaning of moving parts.	---
	Check the general condition (rust, worn/protruding parts, protruding fabric, sharp edges).	---
	Check plastic parts for wear.	---
	Check for loose screws.	06-02
	Check the functions of the system during a test run.	---

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

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sept	Oct	Nov	Dec
Date:												
Name:												

Comment:

GENERAL MAINTENANCE INFORMATION

FUNDAMENTAL INFORMATION

This maintenance programme should serve to provide you with an overview of the necessary inspection and maintenance work. It should reduce the number of possible malfunctions and increase the life expectancy of the individual components. Only in this way can economical operation be ensured together with maximum use. Regular and thorough maintenance provide the best guarantee for high reliability and a long service life of the device.

Changes from normal operation (higher power consumption, temperatures or vibrations, unusual noises or odours, monitoring devices tripping, etc.) indicate that the function of the system is impaired.

To avoid faults that could result in direct or indirect injury to personnel or property damage, the maintenance personnel responsible must be informed immediately.



- **Maintenance work** must always be carried out when the system is at a standstill. (page 06-03) The main disconnect must be switched off and secured to prevent it being switched back on!
- **Setting work** (adjusting the belt running characteristics) may be carried out in dead-man mode. (work may only be carried out during system operation under the direct supervision of a 2nd person)

The maintenance intervals specified in this operating manual apply with annual operation of up to 1000 operating hours. The maintenance intervals shorten accordingly with longer annual periods in operation.

Please note:

- All work must be performed by qualified personnel who are highly familiar with the function and mode of operation of the individual components.
- Always ensure good condition and correct assembly of all parts. Remedy damage immediately, replace worn or damaged parts.
- Use only original spare parts or equipment that is of good quality. The quality stipulated by the manufacturer must be attained as a minimum.
- All inspection, setting, lubrication and maintenance work must be completed within the specified intervals and carefully documented in the corresponding maintenance schedules.
- For the sake of manageability, the maintenance programme cannot include all possible maintenance work that is required over the entire service life of all devices under all site conditions.
- The maintenance personnel are therefore obligated to remedy all further defects that arise.
In case of doubt, we recommend contacting Sunkid for support and assistance.
- All welding work must be agreed in advance with the manufacturer. Before starting welding work with electric welding equipment, it is essential to switch off the main disconnect on the device, otherwise it is not possible to exclude causing damage to the electronic control.
- It is strongly recommended that work take place in a team and not alone.