






11.4.2 Daily	Customer:	
	Serial no.:	
Maintenance work		
	WARNING Rotating parts! Serious injury due to risk of crushing and entrapment. → Switch off the main disconnect and secure it against being switched on again. → Work may only be carried out by verifiably trained personnel.	
Maintenance item	Work to be carried out	Chap. no.
General	Check the transition to the adjacent surroundings, especially in the entry area (level) and exit area (slight slope).	11.5.2
	Check entry platform and exit platform. <ul style="list-style-type: none">No damage or protruding parts	11.5.8
	Check lateral covering along the conveyor belt. <ul style="list-style-type: none">No gaps and openingsNo access under constructionIf not available, level embedding in terrain required	11.5.3
	Check the clear space at the side. (2 m)	11.5.4
	Remove snow, dirt accumulations and foreign objects from the system.	11.8
	Check the position of the covers and cover strips. <ul style="list-style-type: none">No danger of being caught	11.5.7
	Check signage. <ul style="list-style-type: none">not damaged, dirty or incomplete	
	Check the general condition of the conveyor belt (obvious defects)	
Conveyor belt	Check the belt splice. <ul style="list-style-type: none">No damage With mechanical connection: <ul style="list-style-type: none">No missing or protruding partsConnecting wire points against the running direction and lies inside the belt edge.From 111 m length: Check with test mandrel.	11.5.6
Safety devices 1.2 m/s	Check the safety net (if present). <ul style="list-style-type: none">No damageCorrect position	
	Check the protective padding. <ul style="list-style-type: none">No damageNo snow and ice	


Set-up work		
	DANGER Rotating parts! Serious injury due to risk of crushing and entrapment. → Work may only be carried out by verifiably trained personnel. → Use enabling device during setting mode. → Wear appropriate work clothing. → Urgent recommendation to carry out work in a team. → If work is carried out alone, other targeted operational measures must be taken to minimize risk (alarm and rescue chain).	
Furnishing item	Work to be carried out	Chap. no.
Conveyor belt	Visually check the conveyor belt surface. <ul style="list-style-type: none"> • a complete rotation • No cracks, protruding parts 	11.6
	Conveyor belt runs centered on the drive roller and return drum.	11.6
Preoperational check		
	WARNING People and objects on the conveyor belt. Risk of injury and danger of damage to property! → No access by unauthorized persons. → Keep the conveyor belt, entry and exit areas free of objects. → Urgent recommendation to carry out work in a team or other targeted operational measures (alarm or rescue chain).	
Test object	Work to be carried out	Chap. no.
Safety stop button	Test the function of all service stop buttons <ul style="list-style-type: none"> • Caster: coasting stop (0.8 m/s) • Overrun: coasting stop ((1.2 m/s) 	11.7.4
Safety equipment 0.8 m/s	Test the function of the transition stop device. (Not available for side exit). <ul style="list-style-type: none"> • Caster max. 305 mm (12 in) • Release force max. 50 N 	11.7.1
	Testing the function of the emergency plate <ul style="list-style-type: none"> • Caster max. 305 mm (12 in) 	11.7.3
Safety equipment 1.2 m/s	Test the function of transition stop device 1. (Not available with side exit.) <ul style="list-style-type: none"> • Caster max. 600 mm (32.62 in) • Release force max. 50 N 	11.7.1
	Test the function of transition stop devices 1 & 2. <ul style="list-style-type: none"> • Caster max. 600 mm (32.62 in) • Release force max. 50 N 	11.7.2
Entire system	Check the running smoothness during a test run.	

For maintenance time documentation of the maintenance staff (enter name abbreviation).


Comments:

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11.4.3 Monthly	Customer:	
	Serial no.:	
General	<u>Carry out daily maintenance work!</u>	

Maintenance work		
	WARNING Rotating parts! Danger to life or risk of injury! → Switch off the main disconnect and secure it against being switched on again. → Work may only be carried out by verifiably trained personnel.	
Maintenance item	Work to be carried out	Chap. no.
General	Lubricate bearings. <ul style="list-style-type: none"> • with grease nipple: every 200 operating hours • Reinforced bearings (if present): every 1000 operating hours • Remove excess fat 	11.5.10 11.5.11
	Check the general condition visually. <ul style="list-style-type: none"> • Stability of the system • No worn, protruding parts • No sharp edges • No rust 	11.5.9
	Remove snow and dirt accumulations under the drive station and return station.	11.8
	Clean moving parts.	11.8
Conveyor belt	Check the tensioning device at the return station. - Check belt tension - re-tension if necessary	11.5.12
	Lubricate the clamping guide and screws.	11.5.10
Safety settings	Test the rollback function (only USA).	11.7.9


For maintenance time documentation of the maintenance staff (enter name abbreviation).												
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sept	Oct	Nov	Dec
Date												
Name												
Comments:												


11.4.4 Annually	Customer:	
	Serial no.:	
General	Carry out daily and monthly maintenance work!	

Maintenance work

	WARNING Rotating parts! Danger to life or risk of injury! → Switch off the main disconnect and secure it against being switched on again. → Work may only be carried out by verifiably trained personnel.	
Maintenance item	Work to be carried out	Chap. no.
General	Service the motor and gear unit according to the manufacturer's instructions. • Change the gear oil after 5000 operating hours or 5 years.	11.5.14
	All drums and reels are waiting. • No damage	11.5.15
	Check overall condition. • Stability given (underpinning / substructure) • No rust • no wear and tear	11.5.18
	Check screw connections.	
	Check stickers and signage.	11.5.20
	Check and adjust electrical elements. In particular: • Plug, cable, operating elements • Contacts of the safety devices	
	Clean fans and air filters.	
	Tighten the power cable connections (observe torque).	
Conveyor belt	Check the distance between the cover strips and the conveyor belt. • Minimum gap 1 mm • Maximum gap 6 mm	11.5.16
	Check the conveyor belt width.	11.5.17
	Check the side guides of the conveyor belt. • movable castors • not wrapped in fabric threads • No damage	11.5.19

Set-up work

	DANGER Rotating parts! Serious injury due to risk of crushing and entrapment. → Work may only be carried out by verifiably trained personnel. → Use enabling device during setting mode. → Wear appropriate work clothing. → Urgent recommendation to carry out work in a team. → If work is carried out alone, other targeted operational measures must be taken to minimize risk (alarm and rescue chain).	
Furnishing item	Work to be carried out	Chap. no.
Safety settings	Drive station: Test the trigger function emergency stop on the enabling device.	11.7.5
	Return station: Test the trigger function emergency stop on the enabling device.	11.7.5

Preoperational check			
	WARNING People and objects on the conveyor belt. Risk of injury and danger of damage to property! → No access by unauthorized persons. → Keep the conveyor belt, entry and exit areas free of objects. → Urgent recommendation to carry out work in a team or other targeted operational measures (alarm or rescue chain).		
Test object	Work to be carried out		Chap. no.
Safety settings	Drive station: Test the triggering function of the access cover.		11.7.6
	Drive station: Test the release function of the hinged cover on the left.		11.7.7
	Drive station: Test the release function of the hinged cover on the right.		11.7.7
	Drive station: Verify that the triggering force of the transition stop device is max. 50 N.		
	Return station: Test the release function of the hinged cover on the left.		11.7.8
	Return station: Test the release function of the hinged cover on the right.		11.7.8
	Perform overspeed test (if required by country - e.g. CAN).		
For maintenance time documentation of the maintenance staff (enter name abbreviation).			
Comments:			
Criteria for documentation	1 = No error 2 = Maintenance limit reached 3 = Minor error, repaired 4 = Minor error, replaced		5 = Minor error, not corrected 6 = Serious fault, repaired 7 = Serious error, replaced 8 = Serious error, not corrected
	A minor fault is present if the function can be impaired. A serious fault is present if safety with regard to accidents is impaired.		
Date	Technician	Tester	Stamp