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| 11.4.2 Daily | Customer: |  |
| | Serial no.: | |
| Maintenance work | | |
|  | WARNING Rotating parts! Serious injury due to risk of crushing and entrapment. → <u>Switch off the main disconnect and secure it against being switched on again.</u> → <u>Work may only be carried out by verifiably trained personnel.</u> | |
| 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) | Fehler! Verweisquelle konnte nicht gefunden werden. |
| | 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 normal 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:

| | Jan | Feb | Mar | Apr | May | Jun | Jul | Aug | Sept | Oct | Nov | Dec |
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| 11.4.3 Monthly | Customer: |  |
| | Serial no.: | |
| General | <u>Carry out daily maintenance work!</u> | |

| Maintenance work | | |
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|  | 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).

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Comments:

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| 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. | |
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| 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). | |
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| Furnishing item | Work to be carried out | Chap. no. |
| Safety settings | Drive station: Test the trigger function emergency shutdown on the enabling device. | 11.7.5 |
| | Return station: Test the trigger function emergency shutdown on the enabling device. | 11.7.5 |

Preoperational check

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|  | 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 |