

Conversion instructions

Soretex

with device series

Door control unit

TSG

Documentation history

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1	1.0	10.11.15	RAU
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Fordern Sie die Umbauanleitung **auf Deutsch** an,
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Demandez les instructions d'instruction de
montage **en français**, en scannant le code QR.

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1 Essential information

1.1 Value of assembly instructions

The product assembly instructions are provided by the manufacturer or supplier to provide the information required by the customer or fitter to ensure proper, safe and reliable assembly. These brief assembly instructions serve to clarify the basic steps of mechanical assembly. The electrical connection, commissioning and settings of the TSG are explicitly not part of these instructions.

1.2 Copyright protection

We reserve all rights for this technical documentation. It may not be duplicated, made accessible to third parties or otherwise used in an unauthorised manner without our prior consent. Any changes require our explicit and prior written consent.

1.3 Instructions in the assembly manual

All instructions in the assembly manual must be followed without exception.

1.4 Informal activities performed by the fitter

The system fitter is personally responsible for participating in a training course. He or she must inform the manufacturer/supplier without delay of any missing or defective parts in the delivery.



1.5 Requirements for assembly personnel

Persons responsible for installation and maintenance must be instructed regarding generally applicable safety and labour health requirements. They must be familiar with Langer&Laumann products. Installation tools must be fully functional and measuring instruments must be subject to continuous monitoring.

2 Activity performed

Replacement of the Soretex door drive with a  **Langer & Laumann Ing. Büro GmbH TSG door drive.**

3 Advantages

- Very economical package.
- Quick and easy replacement of the existing door drive with a TSG from  **Langer & Laumann Ing. Büro GmbH .**
- **Just a few** mechanical attachments are required.
- All necessary parts are included with delivery.
- Conversion can be performed **very quickly** and **easily**.
- The electrical wiring can also be performed by **less experienced fitters**.
- **No hand-held** terminal is required for setting parameters. All parameters can easily be adjusted on the device.
- **Measurements can be performed very easily.**
- The conversion kit is available from  **Langer & Laumann Ing. Büro GmbH** as **warehouse inventory**.

4 Tools required

Metal drill bits 6, 9, and 11 mm
Fork wrenches size 8, 10, 13, 17
Screwdriver
Side cutter

5 Conversion instructions



NOTE:

The order of assembly listed here is simply a recommendation. There is no claim of completeness.

1. Disassembly of the existing drive.
2. Mounting the base metal sheets on the cab
3. Mounting the TSG drive to mounting bracket "hat".
4. Installation of TSG counter roller with tensioning station on mounting bracket "hat".
5. Attachment of end stops or buffers.
6. Assembly of door panel carrier.
7. Mounting the TSG drive unit and the pulleys unit on the base metal plate. Here, the TSG drive can be mounted on the left or right side of the door machine (regardless of the direction of the Open Door Machine)
8. Hanging up the TSG toothed belt. The timing belt lock must be seated at the height of the toothed belt or gears (aligned). Tensioning belt with the aid of the tensioning station.
9. Control infrastructure. The door panel carrier must be able to reach the end stops when the door is fully closed or opened.
10. Install safety circuit contact.
11. In a center-opening door, a second safety circuit Contact must be installed so that both doors are queried.
12. Electrical installation see TSG manual.



NOTE:

Often it is helpful to check the exact position of the toothed belt and the bump stop before mounting the individual components or assemblies.

6 Illustrations

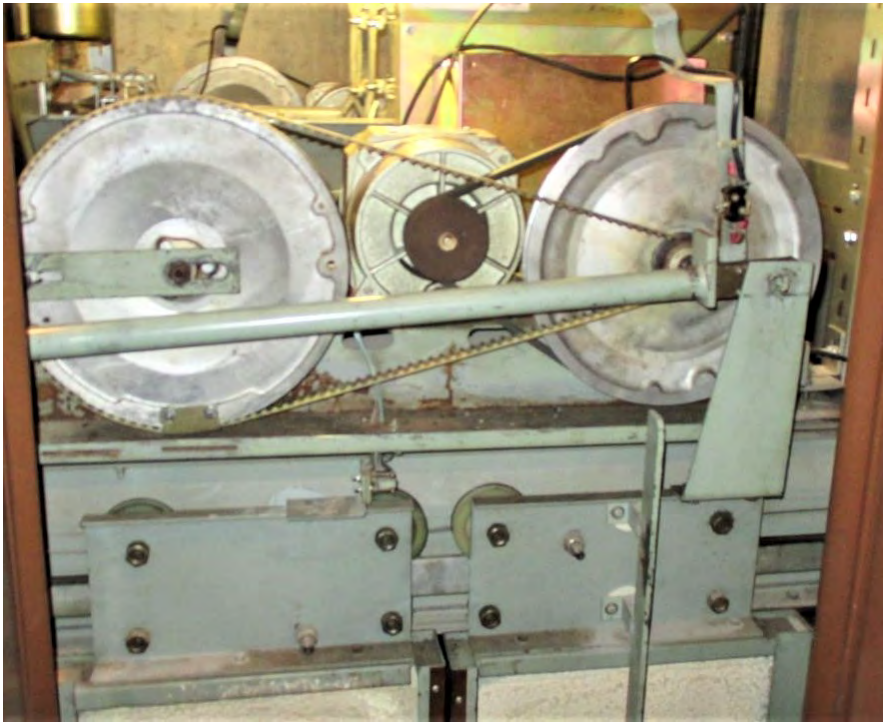


Fig. 1: Soretex before conversion



Fig. 2: Motor Soretex, dismantled



Fig. 3: Soretex without motor

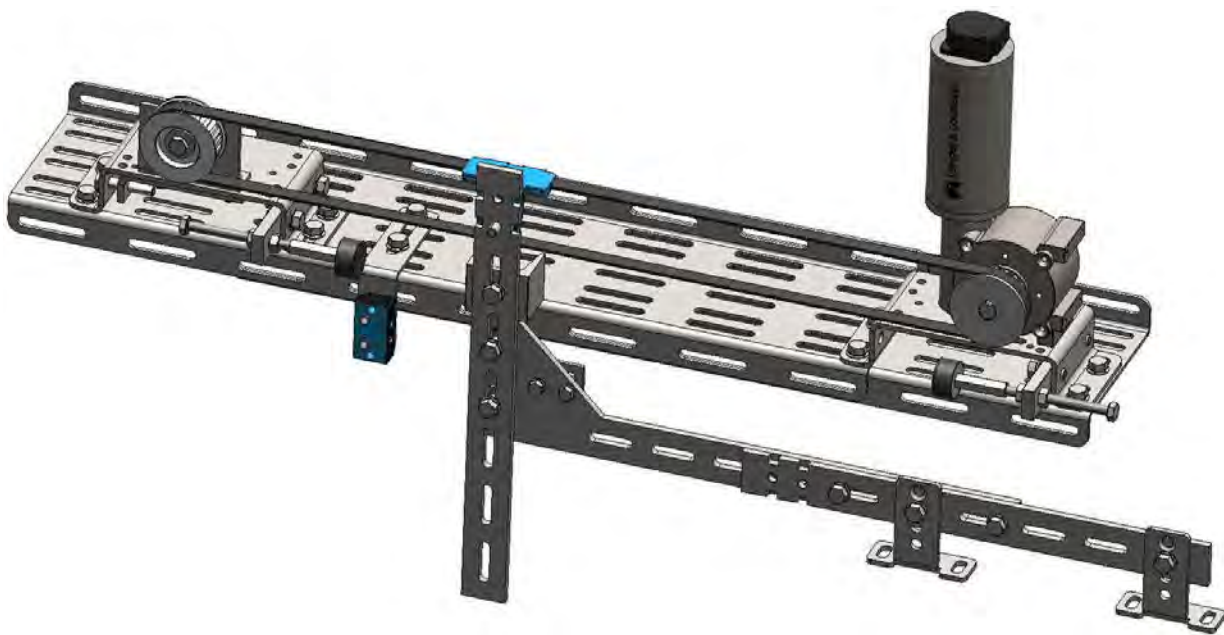


Fig. 4: TSG conversion kit Soretex

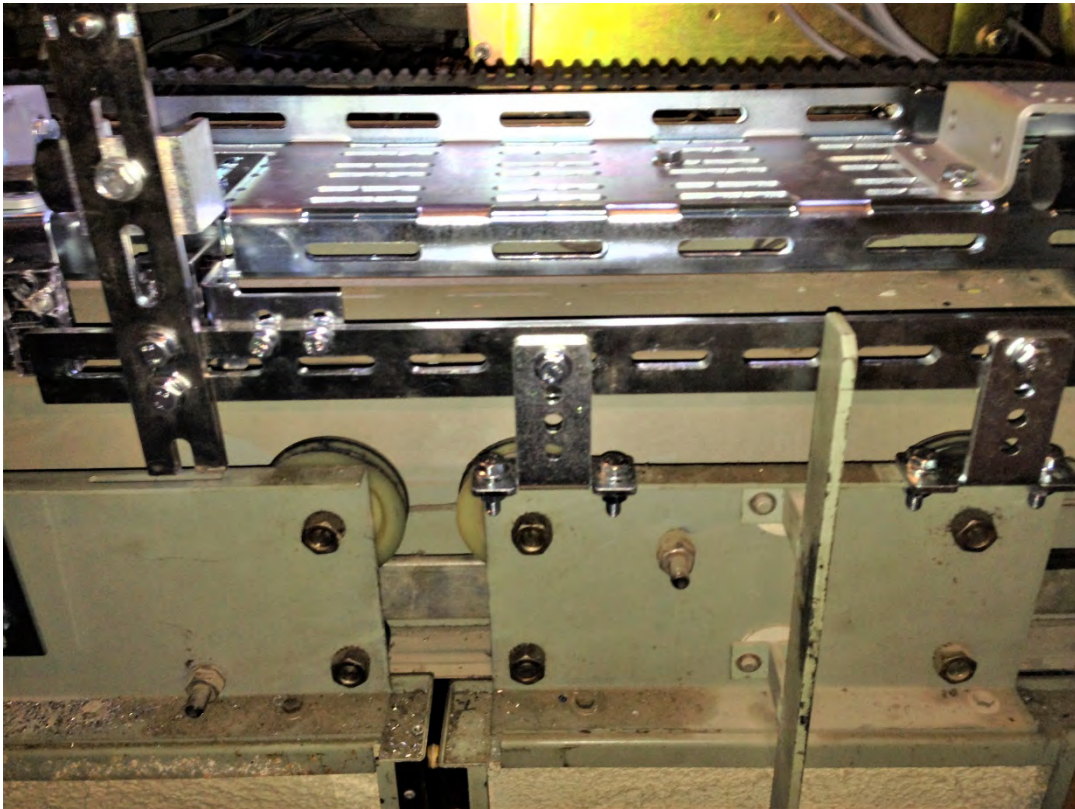


Fig. 5: TSG door panel coupler

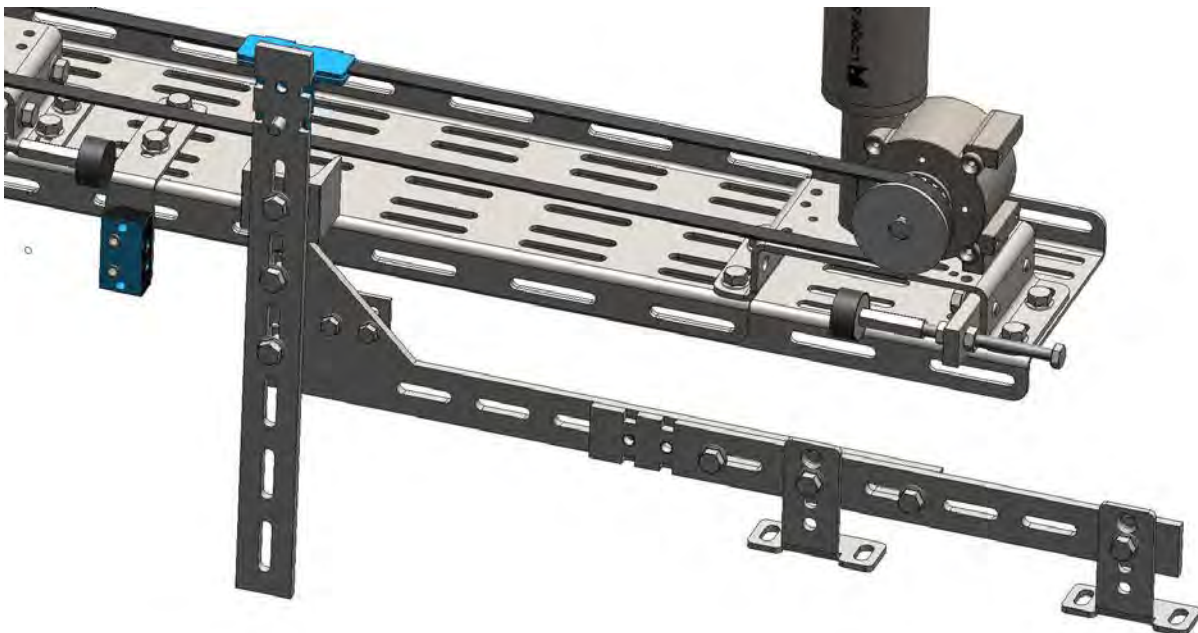


Fig. 6: TSG door panel coupler

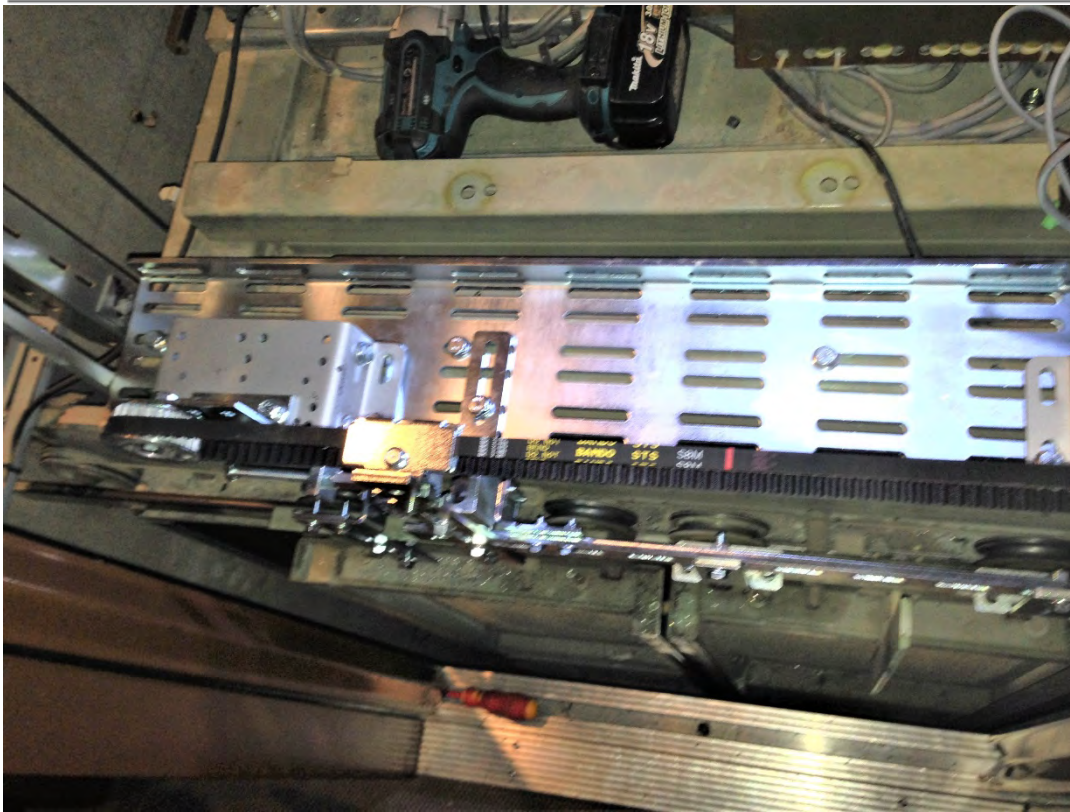


Fig. 7: TSG counter roller



Fig. 8: TSG counter roller

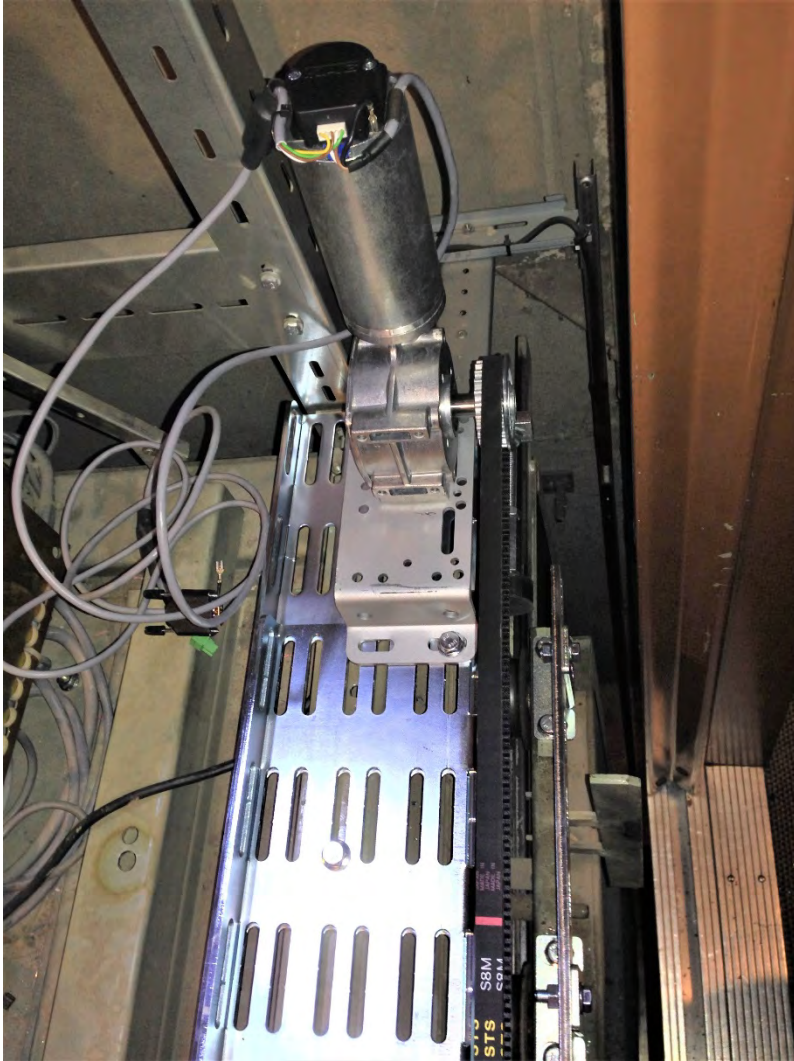


Fig. 9: TSG drive unit



Fig. 10: TSG drive unit

7 Contact

If you have questions or are not certain about something, we can be reached at the following address:

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