

PLEASE READ THE USER
MANUAL BEFORE OPERATING
THE DOOR!

Attach your
Type Label
here

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Introduction

According to the European Regulation (EN16005) this log book has to be filled completely (by a professional or an approved installer) during and after every new installation, commissioning, inspection, modification, upgrade, maintenance and repair of a door set. Comments and recommendations during these activities should also be written down in this log book. Also every protective device used with the door set has to be noted in the log book.

After first time installation, the final verification has to be noted in the log book (*page 4*). All subsequent activities should be logged, starting on page 9. Additional sheets should be copied for future use. Further copies of this log book can also be supplied by your installer or can be requested by a mail to info@entrancedynamics.com.

At least once a year maintenance/inspection should be performed by a professional or an approved installer of this door device, use the checklist on page 8.

For information regarding to installation, maintenance or inspection, please check the manual for this sliding door operator

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Log book version: v1.10.000

First time installation (to be filled in by installer)

Extract from 2006/42/EC ,Machinery Directive:

" The manufacturer of a machine or its authorised person must carry out a risk analyse to make sure that the relevant Health and Safety requirements for the machine are considered. The machine must be designed and built in a way that the results of the risk analyse are considered."

1. General Data

Object

Adress

.....

Location

Door number, situation in the building, designation, ...

.....

Door and drive unit type

Opening height

..... mm 1-leaf.

Opening width

..... mm 2-leafs

Doorleaf weight (together)

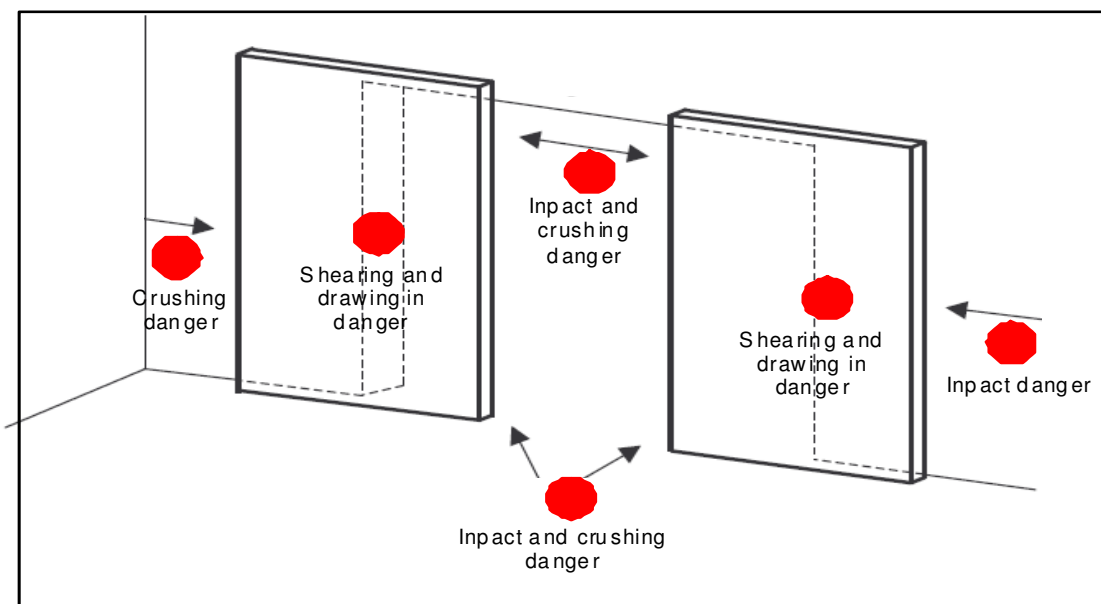
ca. kg

Person using the automatic door

„Private area “ (Regularly used by authorised persons, guarded entry, and only used by appointed and instructed persons)

„Public area“ (Regularly used by people who needs extra protection such as children and elderly people. Open access all type of pedestrians)

2. Examples of possible hazards on automatic sliding doors



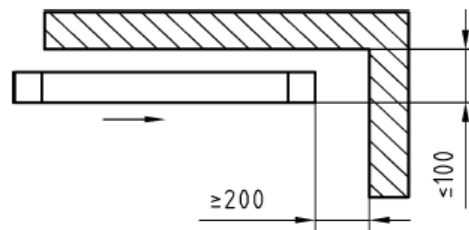
3. Hazards and protective measures

Automatic doors have to be designed and installed in such a way, that by Opening and Closing movements, hazards due to Impact forces, Crushing, Shearing, and Drawing in are avoided or protected. The final result is in many cases only achievable by a combination of different protective measures. See DIN 18650 2005-12 for measures when the minimum safety distances and forces are exceeded.

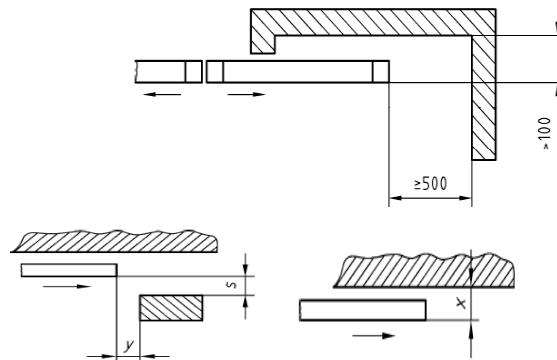
Hazard	Measure	Remark
Impact and crushing danger when door closes	<input type="checkbox"/> Limitation of dynamic forces	Note: The force limitation as only measure is not sufficient for people who needs extra protection as(see 'use in public area')
	<input type="checkbox"/> Use of safety sensors	<input type="checkbox"/> Pressure sensor <input type="checkbox"/> Presence sensor <input type="checkbox"/> Contact mat Type / Brand:

Impact and crushing danger when the door opens	<input type="checkbox"/> Create safety distances: < 500 mm : Danger for the body
	< 200 mm : Danger for the head
	< 25 mm : Danger for fingers or arms

Danger for the Head:



Danger for the Body:



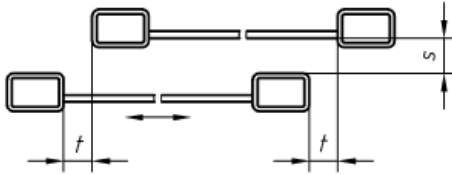
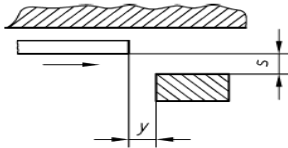

$s \geq 500$ mm then $y \leq 0$ mm $x \leq 100$ mm

When the distance between the edge of the doorleaf is less than 100 mm the risk is small when the following points are valid:

- The door leaf runs parallel to a smooth wall and:
- Force limitation is in accordance with DIN 18650

Note:

The force limitation as only measure is not sufficient for people who needs extra protection (see 'use in public area')

Hazard	Measure	Remark
	<input type="checkbox"/> Limitation of dynamic forces	
Shearing – and drawing in danger when the door opens	<input type="checkbox"/> Create safety distances < 8mm for Fingers < 30 mm for Arms	 <p>Legende: 1 = Construction , 2 = Doorleaf when $s \leq 8\text{mm}$: $t \leq 0\text{mm}$ and when $s > 8\text{mm}$: $t \geq 25\text{mm}$</p>  <p>Finger: $s \leq 8\text{ mm}$, Or $25 < s \leq 30\text{ mm}$</p>
Shearing danger between door leaf and floor	<input type="checkbox"/> Cleaning Entrance mat <input type="checkbox"/> No holes in floor	Distance smaller then 4 mm 
Danger of being cut	<input type="checkbox"/> Use of safety glass <input type="checkbox"/> Remove sharp edges on door leaf , door leaf filling and construction	<input type="checkbox"/> ESG <input type="checkbox"/> DSG
Danger of tripping	<input type="checkbox"/> Remove obstacles in the passage area <input type="checkbox"/> Remove threshold or step in the passage area	
Danger due to weather conditions	<input type="checkbox"/> Install protection against weather influences from outside(in door area)	
Danger due to operation mistake	<input type="checkbox"/> Restrict the operation of the program switch to authorized persons <input type="checkbox"/> Instruction to operating personal	

4. Other Remarks

Information about restriction , Special functions, and changes in way of use

.....

Examples for restriction :

- Steps of thresholds in the immediate area of the door
- Door opens to late when time delay is in function
- Touching during opening or closing of the door leaf against the main closing edge
- Become swollen
- Impact /- shearing danger due to attached parts

Creater of risk analyse

Adress

*The creator of the risk assessment confirms that
all hazards are adequately protected*

.....
.....
.....

.....

Place , Date

.....

Signature

Ease your mind and prevent accidents

Read the User Manual before operating the door.

Entrance Dynamics retains responsibility for the safe operation and classification of the door, only when user instructions are obeyed and the service checklist and scheduled maintenance tasks are done by authorised and certified engineers.

Service checks

At least once a year the following should be checked:

- Open obstruction is detected
- Close obstruction is detected
- Sensors are working (*if installed*)
- Safety sensors are working (*if installed*)
- Safety sensors are tested (*if installed*)
- Damage on cables
- Unit firmly mounted on door frame

Replacement schedule

Apart from regulatory maintenance, we at Entrance Dynamics think it is important for our doors to be treated the same way as a vehicle; change the oil and the tires at the correct time. With preventive replacement you make sure the product keeps its functionality, safety and classification. It keeps the warranty valid and prevents unexpected and expensive breakdowns or accidents. The following list contains the recommended replacement frequencies:

Frequency	Tasks
Every year or 100.000 openings	Replace the floor guide
Every 3 years or 250.000 openings	Replace the backup batteries Replace the replaceable part of the key switch Replace the mohair brush Replace the tooth belt
Every 4 years or 500.000 openings	Replace the carriage wheels Replace the wheel track Replace the anti-derailment wheels
Every 7 years or 750.000 openings	Replace the drive unit Replace the electric lock

The economic life time of the products is on normal use and in a normal environment, estimated on 10 years or 1.000.000 cycles, Therefore, after 10 years or 1.000.000 cycles, a major overhaul has to be executed in order to extend the life time and ensure a safe and reliable function.

The following items have to be considered for replacement:

- Hook lock
- Combined Radars/Sensors
- Safety devices
- Other activators
- Control unit
- Program switch
- Emergency button

Service / maintenance / inspection notes

Date	No. of cycles	Technician	Signature
__-__-__			
Activity:	<input type="checkbox"/> Repair	<input type="checkbox"/> Inspection	<input type="checkbox"/> Other:
Comments:			

Date	No. of cycles	Technician	Signature
__-__-__			
Activity:	<input type="checkbox"/> Repair	<input type="checkbox"/> Inspection	<input type="checkbox"/> Other:
Comments:			

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Comments:			