

Operation Manual

Automatic Lid Lock Machine

VPA200

Table of Contents

00_Safety

01_Overview

02_Width adjustment

03_Height adjustment

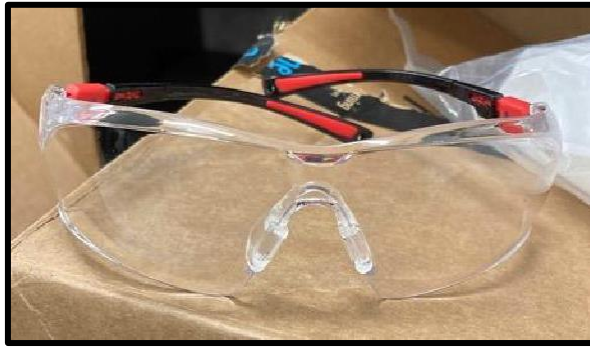
04_Clip force adjustment

05_Delivery belt adjustment

00_Safety First

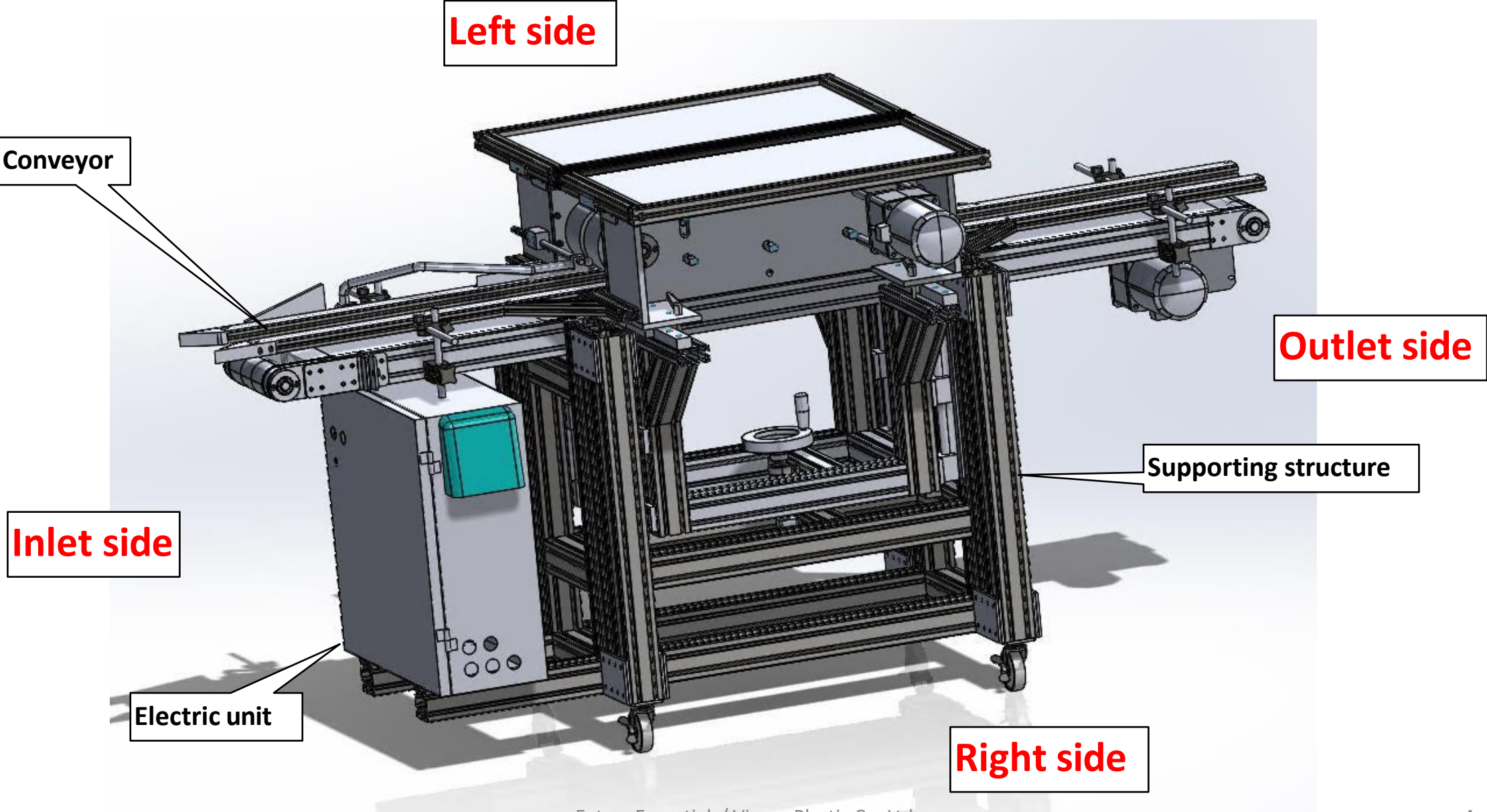
Before starting procedures in this manual, please make sure to wear the following safety gear:

1. Gloves
2. Safety goggles/ safety mask
3. Helmet/ hard hat
4. Sleeves/ shirts with long sleeves
5. Safety shoes



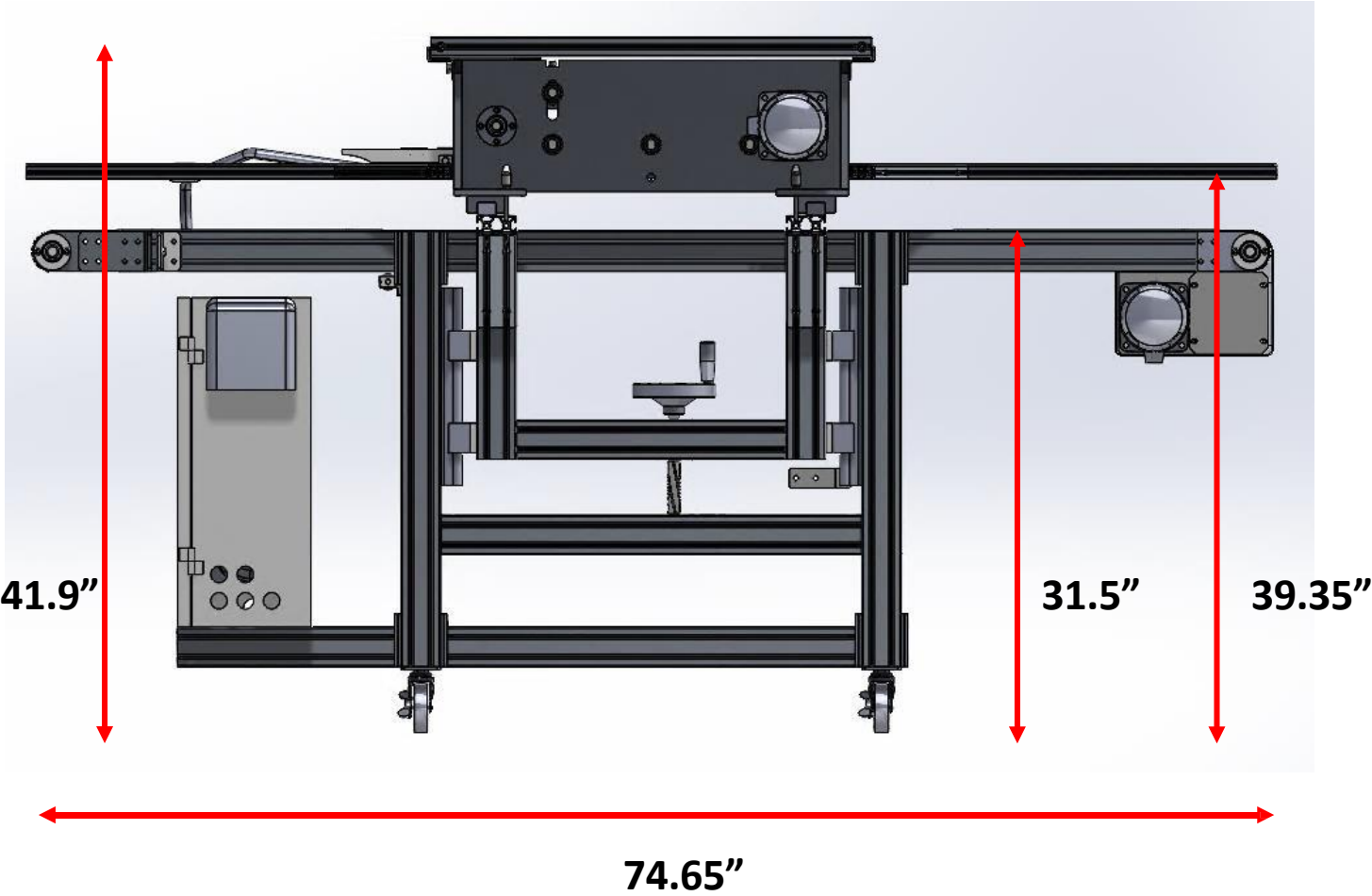
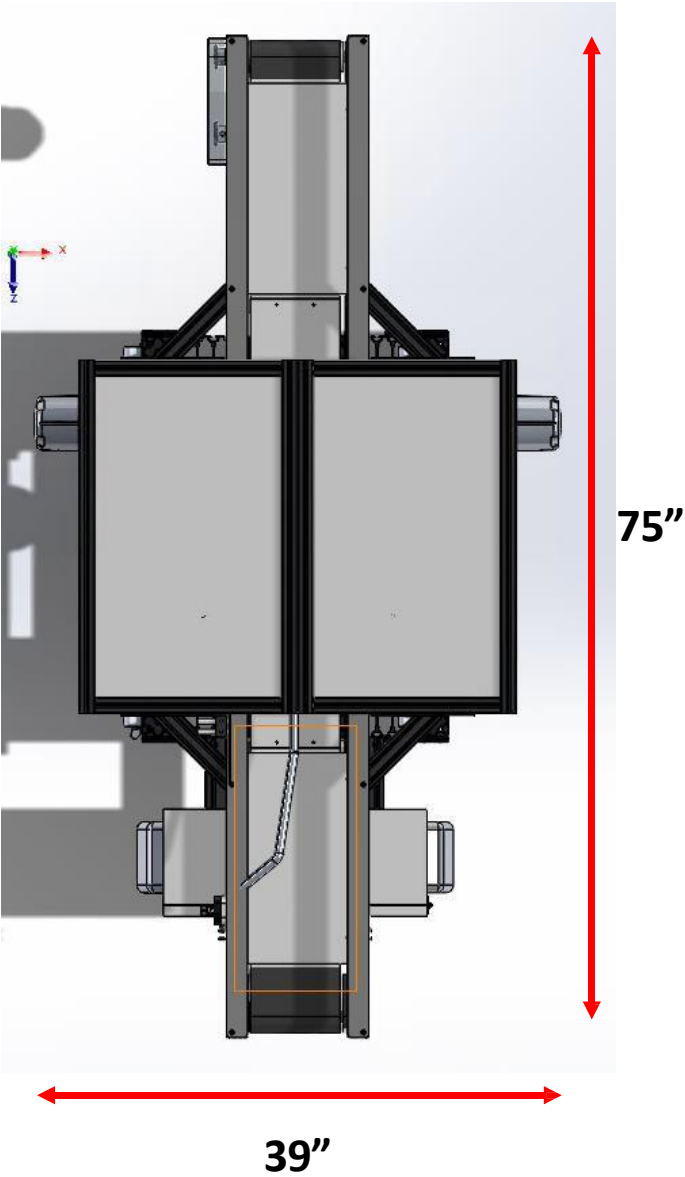
Eatery Essentials/ Vigour Plastic Co. Ltd.

01-1_Overview

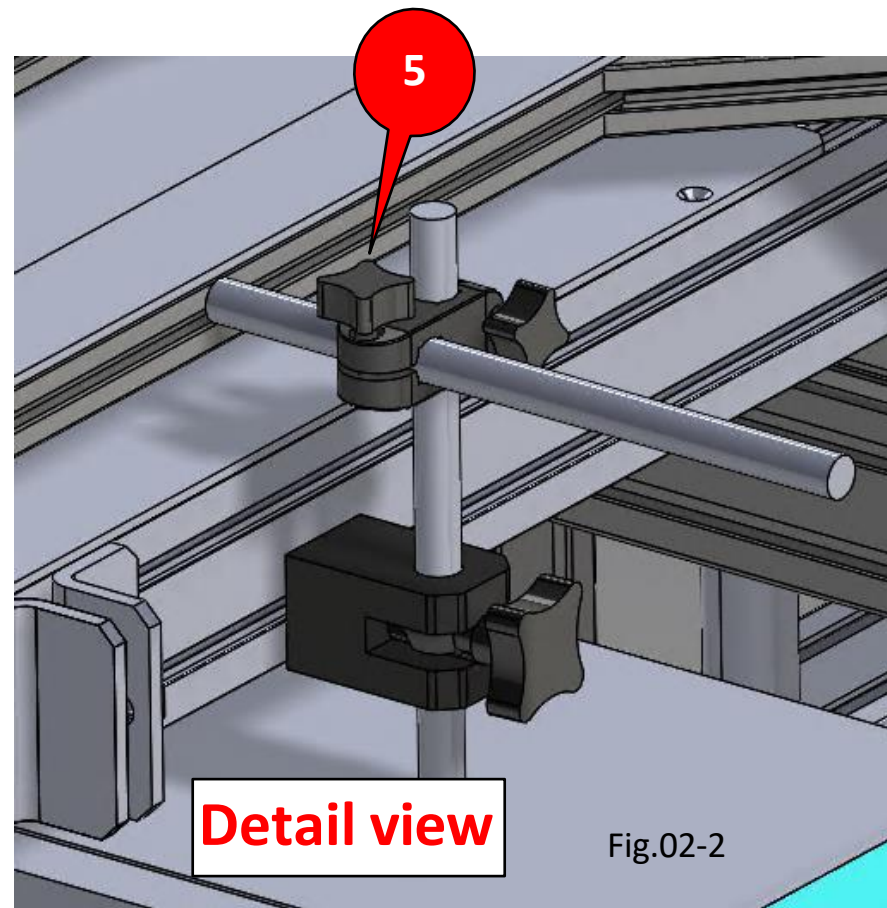
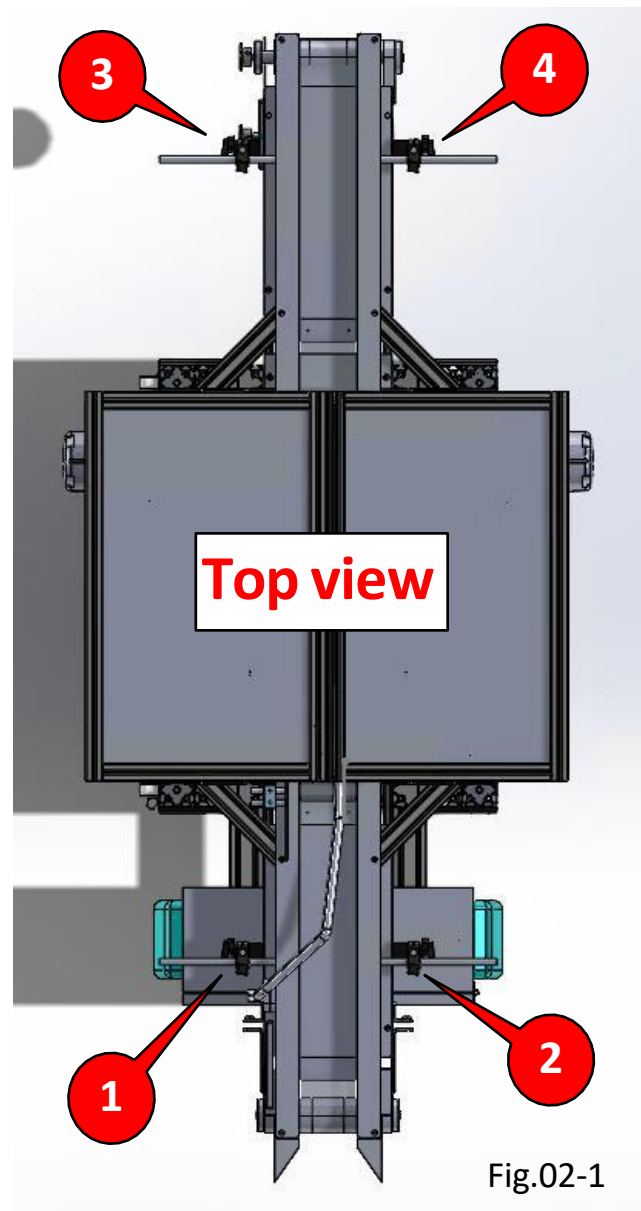


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01-2_Overview

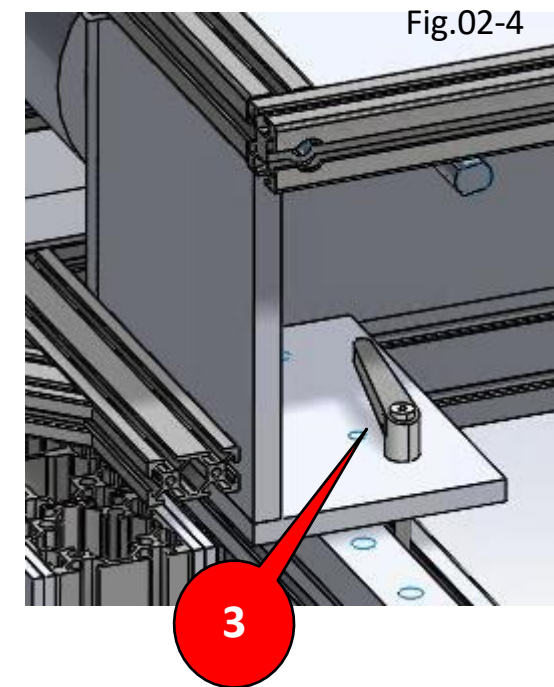
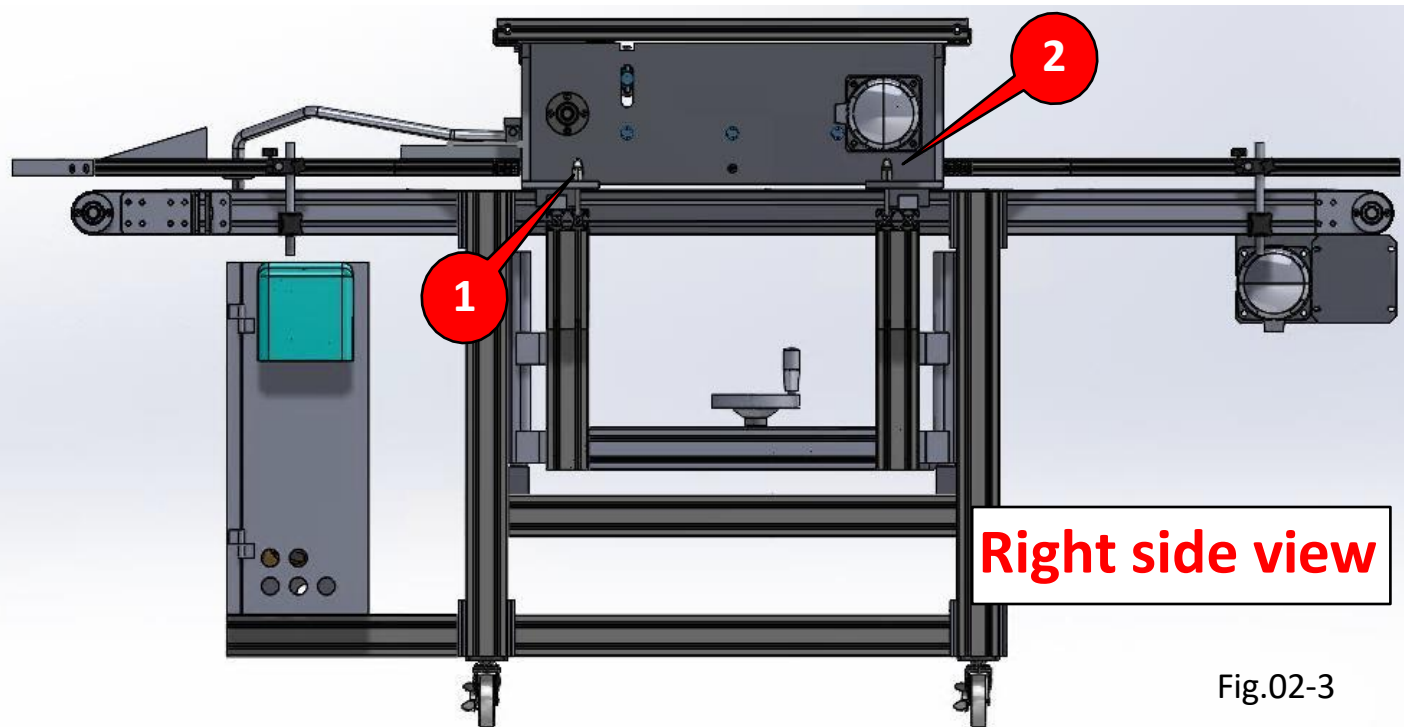


02-1_Width Adjustment – Release conveyor knobs



- a) Counter-clockwise release threaded-stub knobs (5, Fig.02-2) one by one.
- b) Two are (1&2, Fig.02-1) located at inlet and two are located (3&4, Fig.02-1) at outlet, four in total.

02-2_Width Adjustment – Release stopper handles

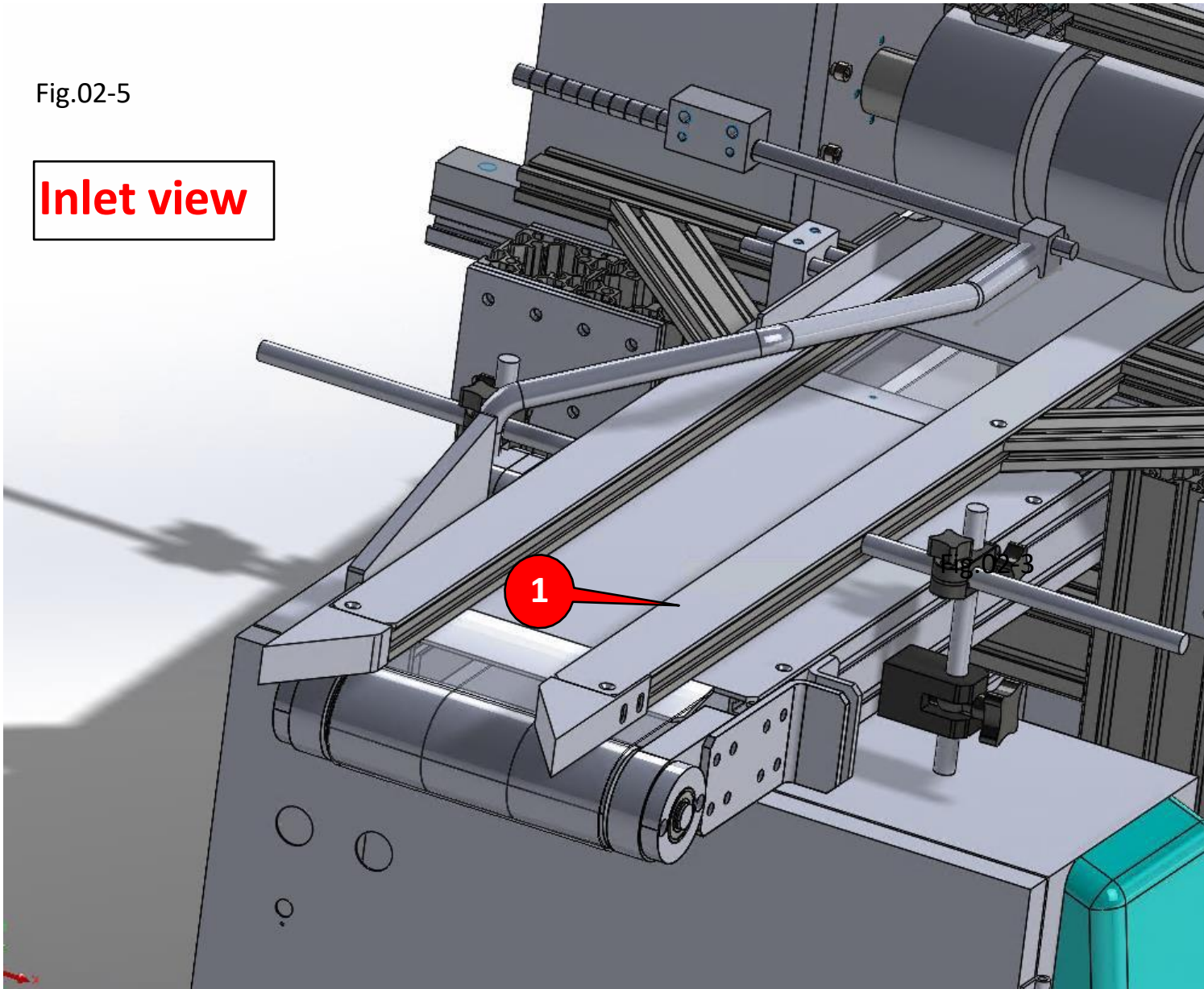


- a) Release handles (3, Fig.02-3) one by one.
- b) Two are located (1&2, Fig.02-3) at right-side and two at left-side, four in total.

02-3_Width Adjustment – Extend width

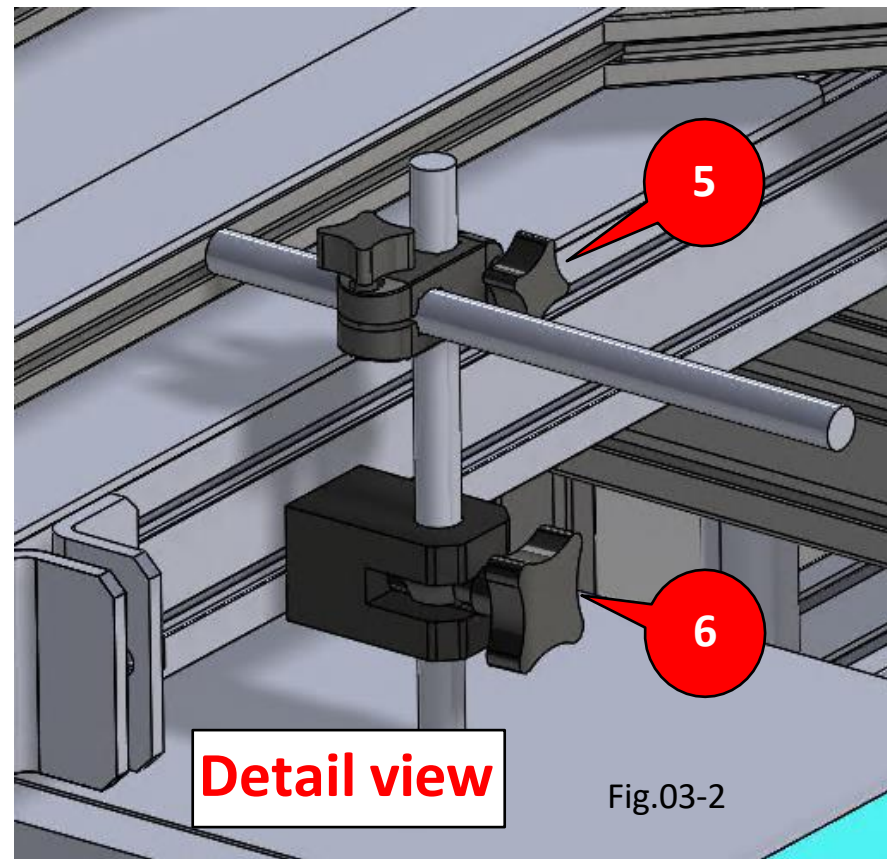
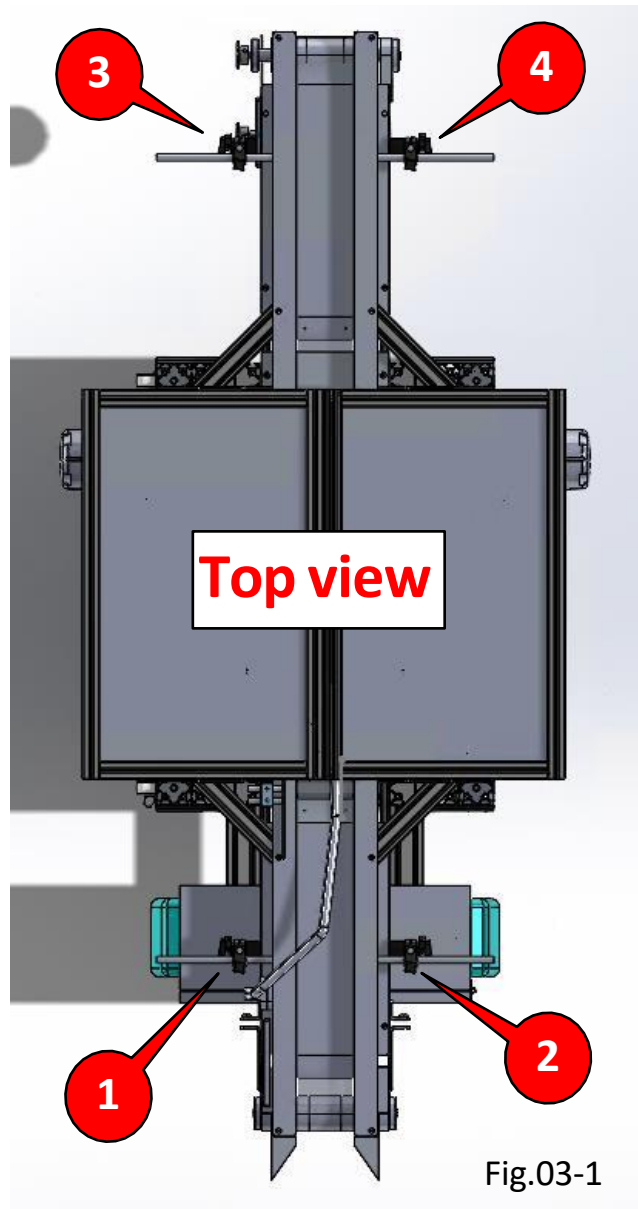
Fig.02-5

Inlet view



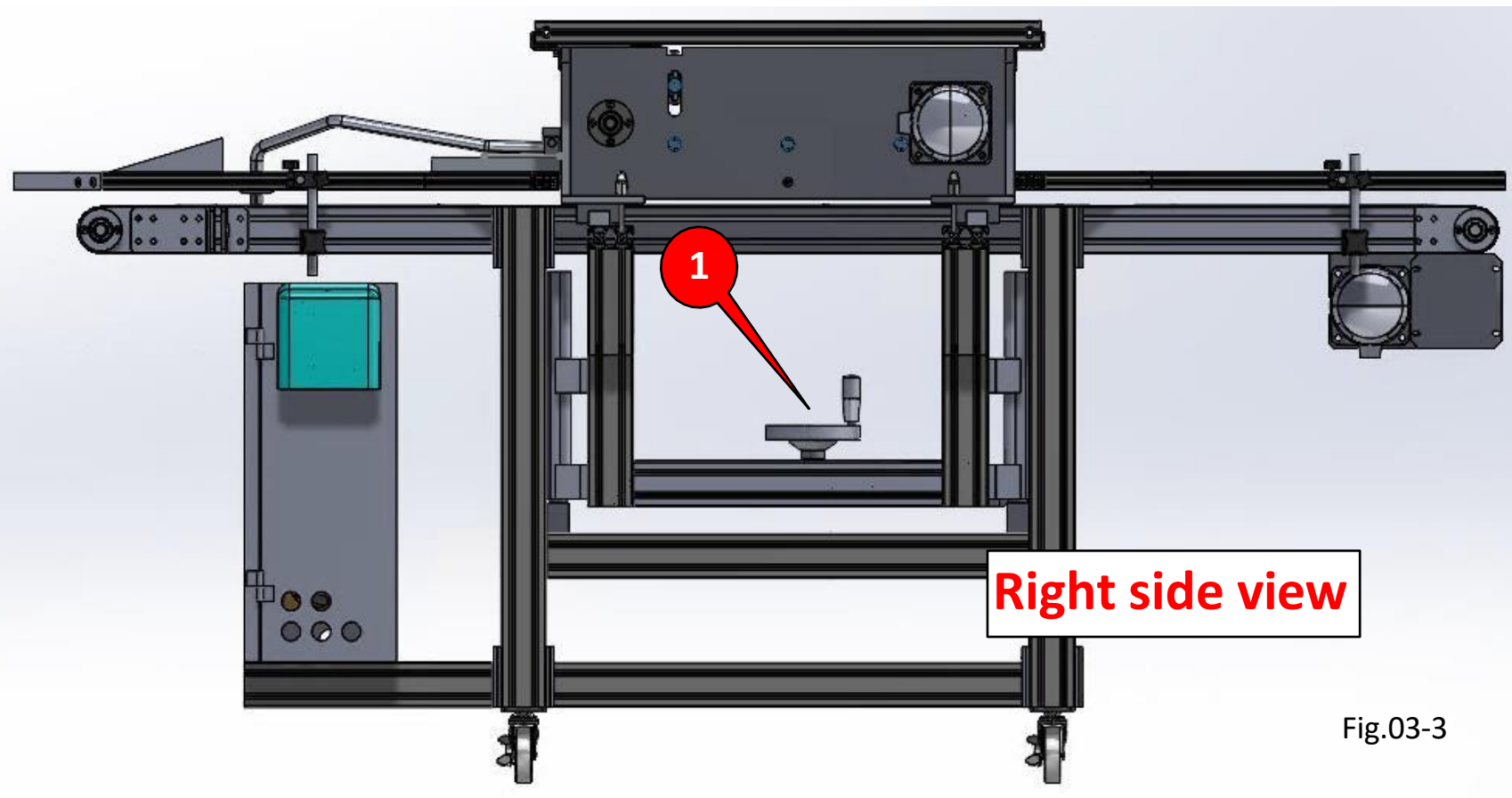
- a) Extend width by pushing rails outward (1, Fig.02-5) until the width matches product width.
- b) Reverse 02-1 & 02-2 to lock and fix the width.

03-1_Height Adjustment – Release conveyor knobs



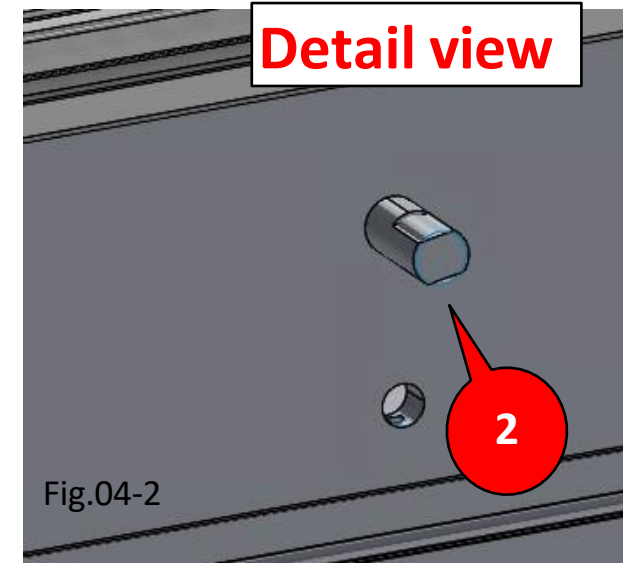
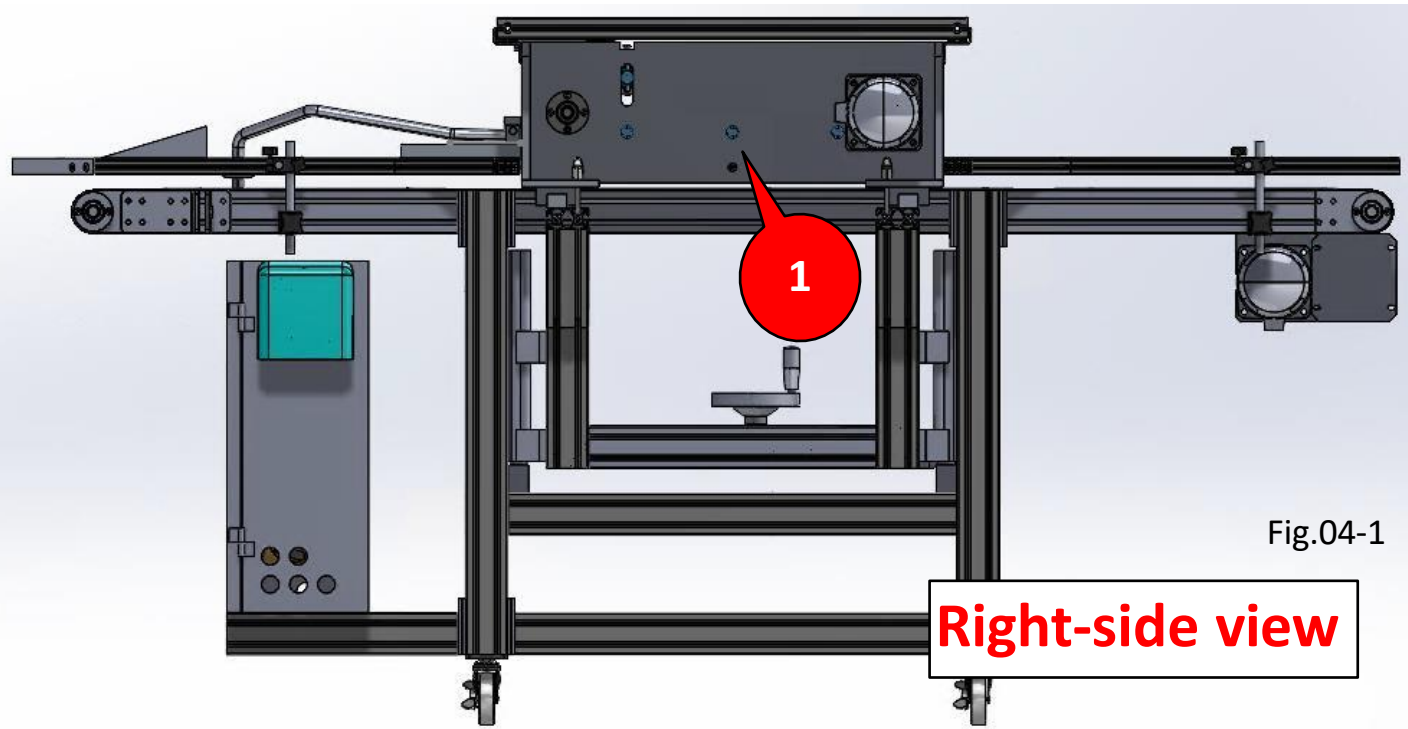
- a) Turn counter-clockwise to release threaded-stub knobs (5&6, Fig.03-2) one by one.
- b) Two knobs for each location, two located at inlet and two at outlet (1, 2, 3&4, Fig.03-1), 8 in total.

03-2_Height Adjustment – Turn hand wheel



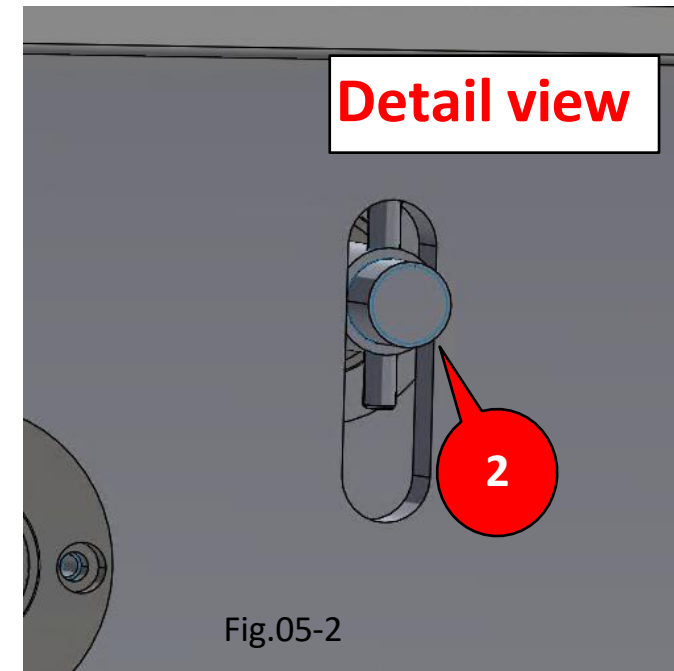
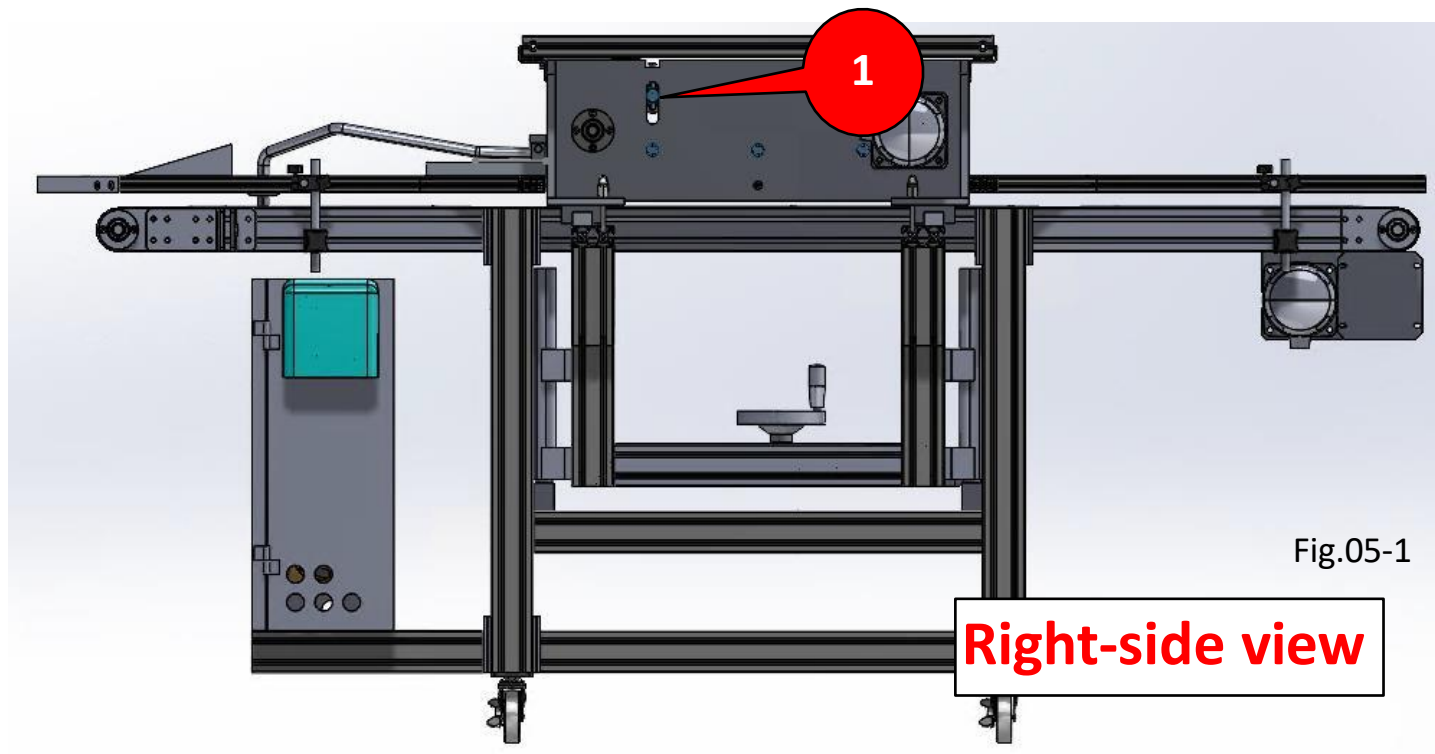
- a) Turn hand wheel counter-clockwise to raise up conveyor (1, Fig.02-3) ; or turn clockwise to low it.
- b) Adjust the height until it matches the product height.

04-1_Clip Force Adjustment – turn the shafts



- a) Turn the middle (1, Fig.04-1) eccentric shaft (2, Fig.04-2) to enhance or release clip force.

05-1_Belt Adjustment – turn the shafts



- a) If belt is loose, release the knob (2, Fig.05-2) and lift up the shaft (1, Fig.05-1) to tighten the belt; or lower the shaft to release the belt.

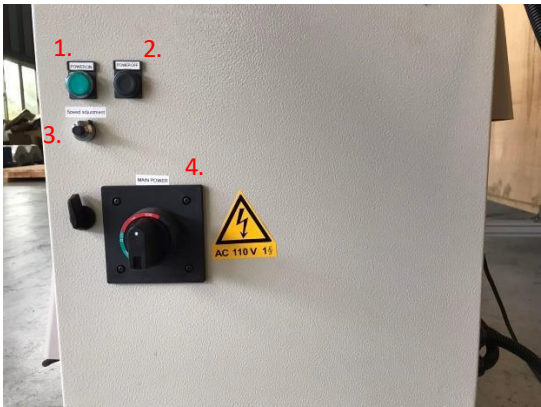
ELECTRICAL SYSTEM 電氣規格

Specification	VPA 200	
Mains voltage	Vac	110-120 50/60Hz
Control voltage	Vdc	24
Total power installed without OPT	W	55

CONTROL PANEL 操作介面

Switch panel 電氣箱按鈕功能說明

The switch panel allows the system to be switched on/off.



- 1. Power ON
- 2. Power OFF
- 3. Speed adjust knob
- 4. Main switch

Control panel box 操作盒按鈕說明

The control panel box allows the machine to be RUN/STOP, as well as the display of errors and reset.

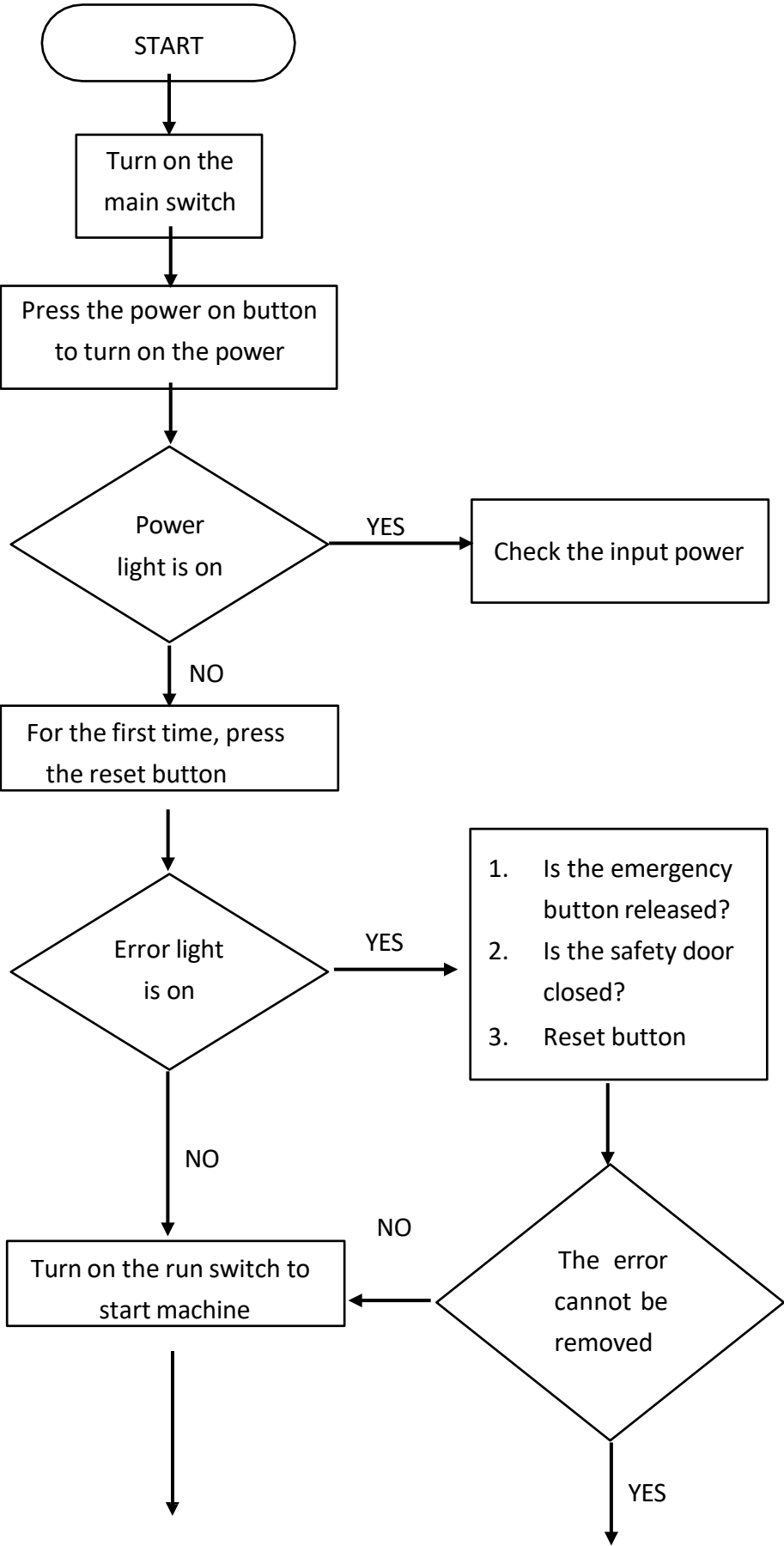


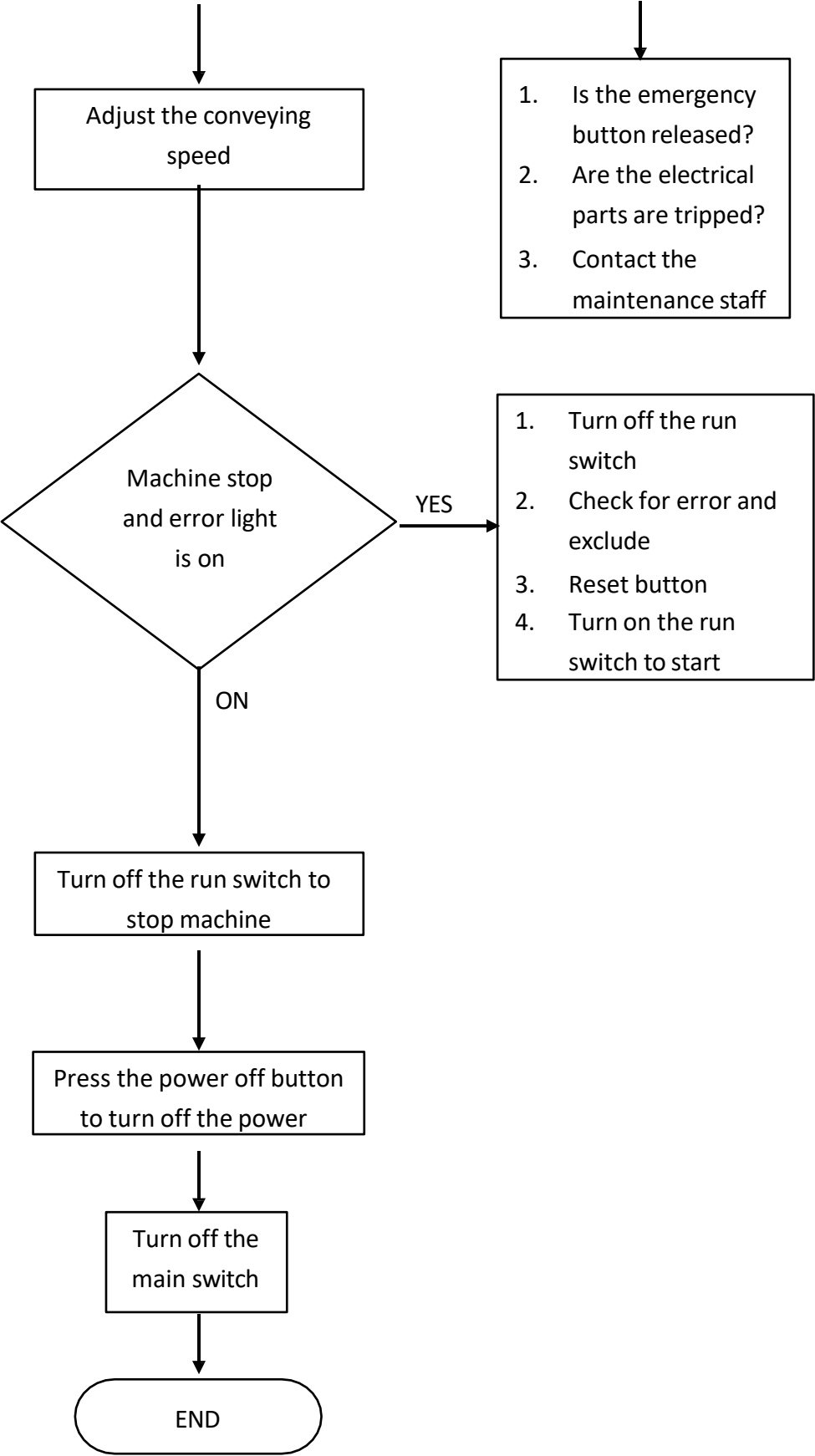
- 1. Error indicator
- 2. Run switch
- 3. Reset button
- 4. EMG stop button

Safety systems 安全裝置

Below you will find a description of all safety systems on the VPA200

System	Location	Action when utilized
Emergency stop	The emergency stop is located on the control panel box	Immediate machine shutdown and resets all buttons
Safety door switch	The sliding door safety switches are located on the top door inside the machine	Shuts down the machine immediately when the doors are opened
Safety locks	The electrical cabin door can only be opened with a special key	Doors are equipped with this lock to prevent unauthorized personnel to tamper with the machine. When the doors are opened, the machine does not stop!
Main machine switch	Located on the electrical cabinet	Shuts down the machine immediately and resets all other buttons

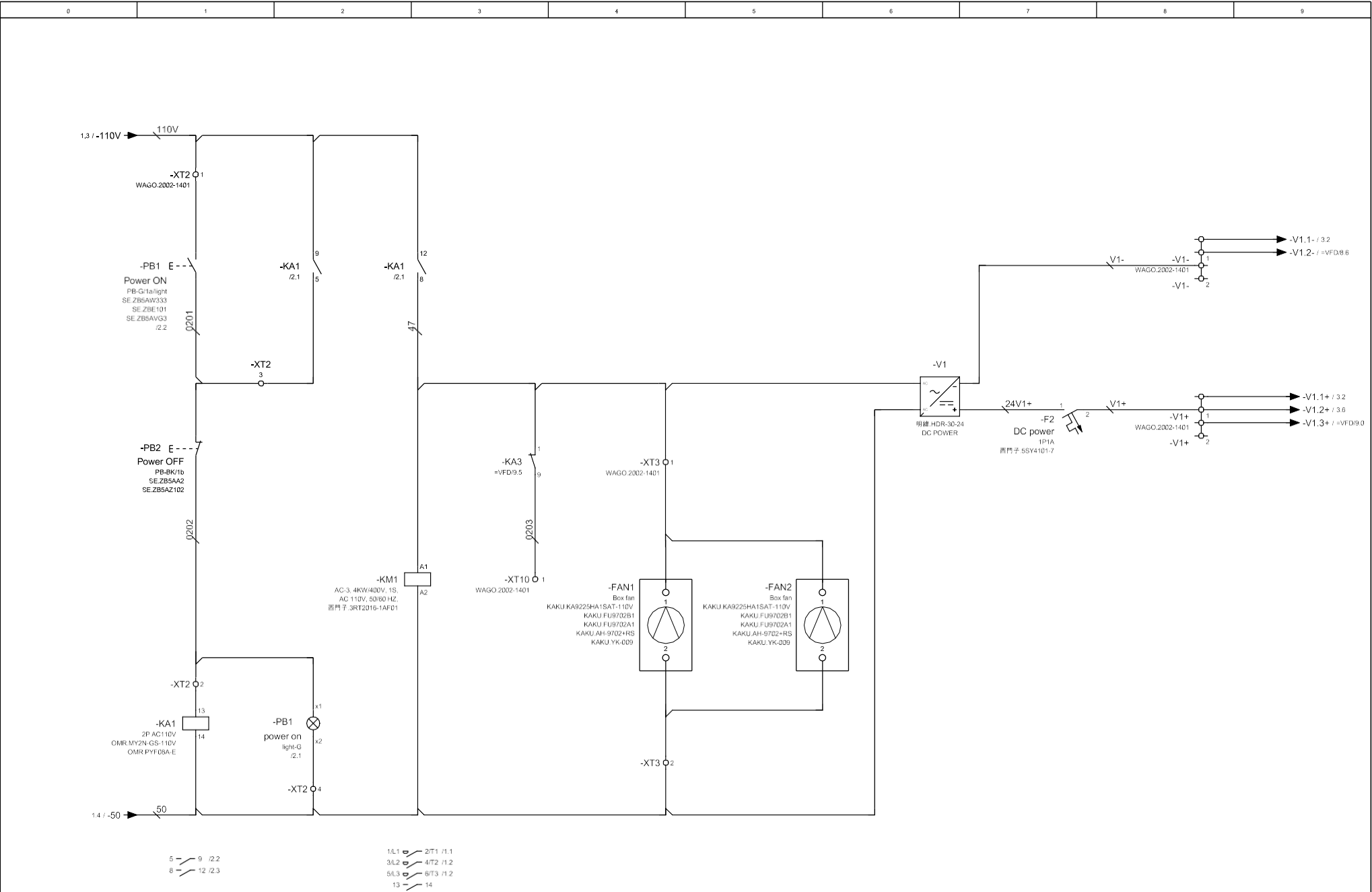




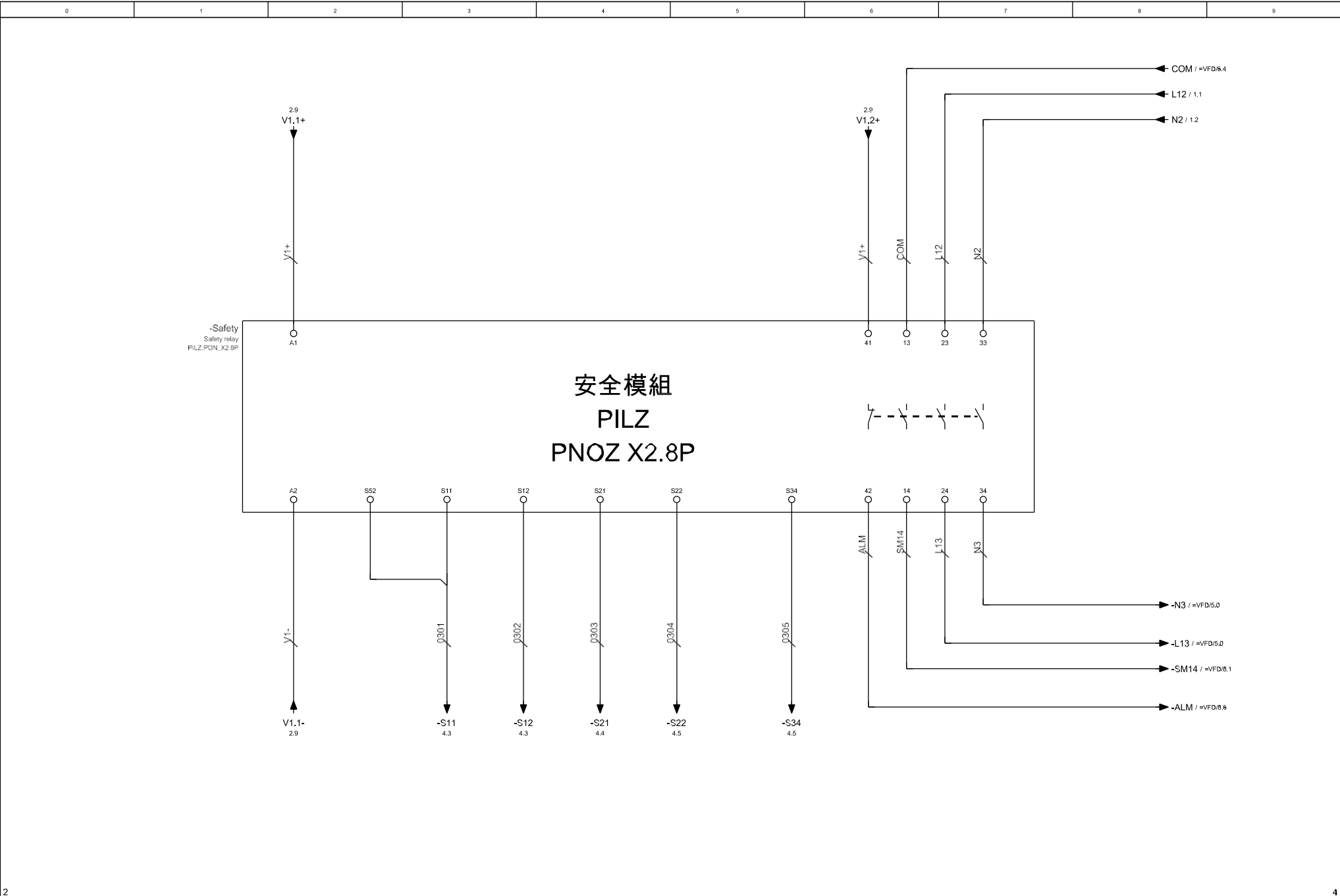


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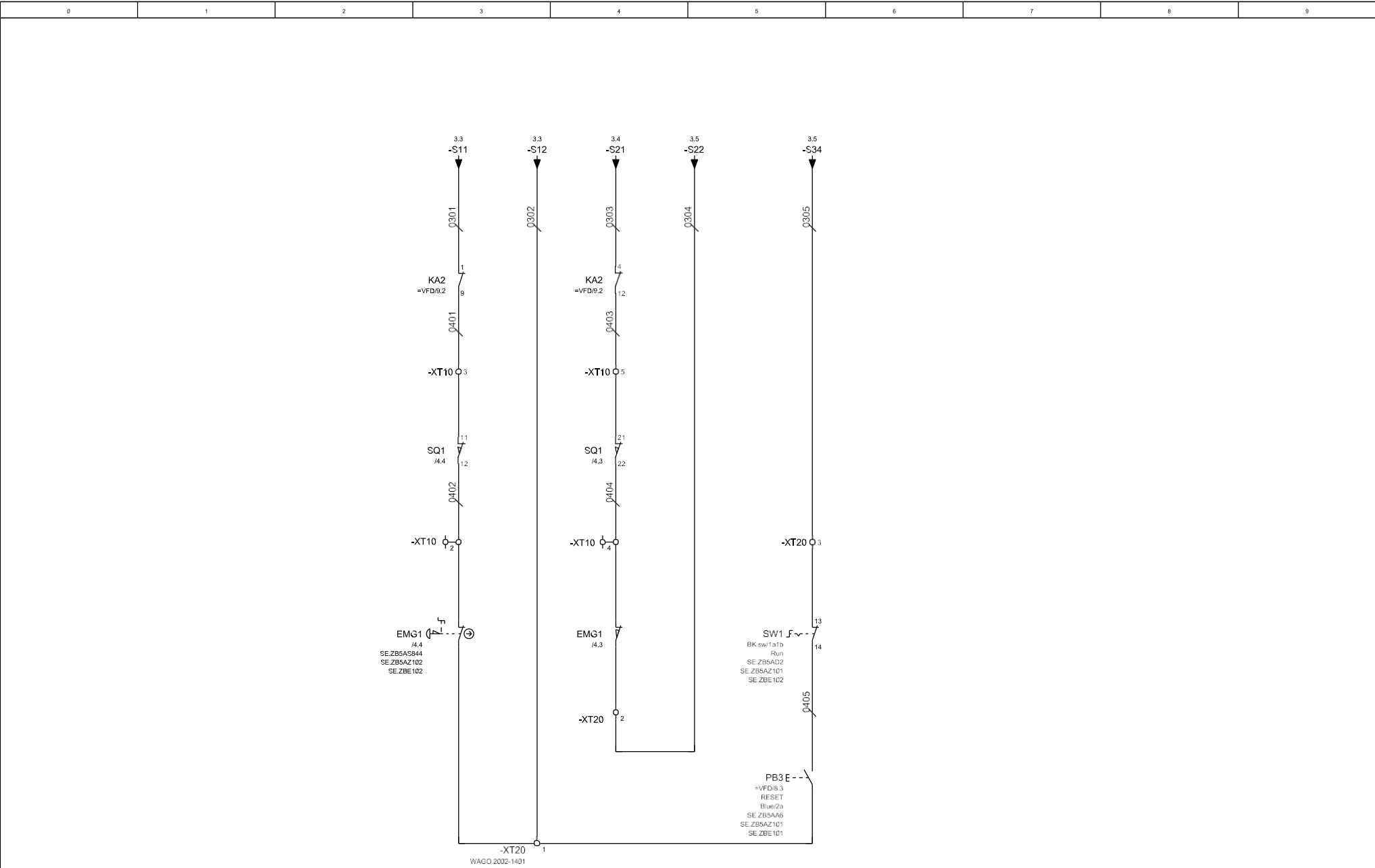
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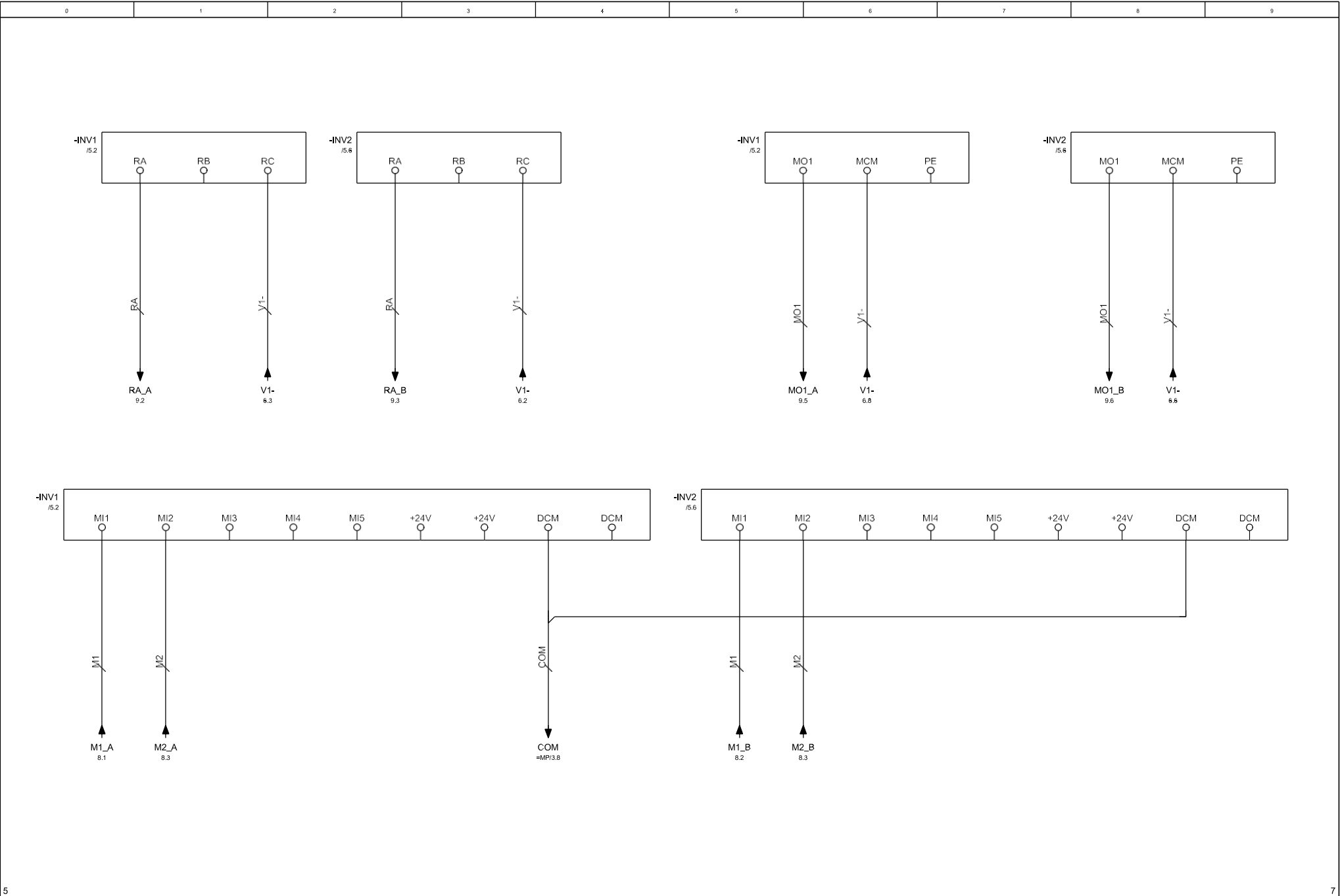
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			审核								页码 2
修改	日期	姓名	修改项目		检验	检验人			IEC_0001		页 2 / 12



			日期	2022/4/19	EPLAN		VG	公司名称	Safety relay			= MP	
			校对:	mouse								+ EB	
			审核										
修改	日期	姓名	原始项目		替换	替换人				IEC_4001	页数 3		
											页 3 / 12		



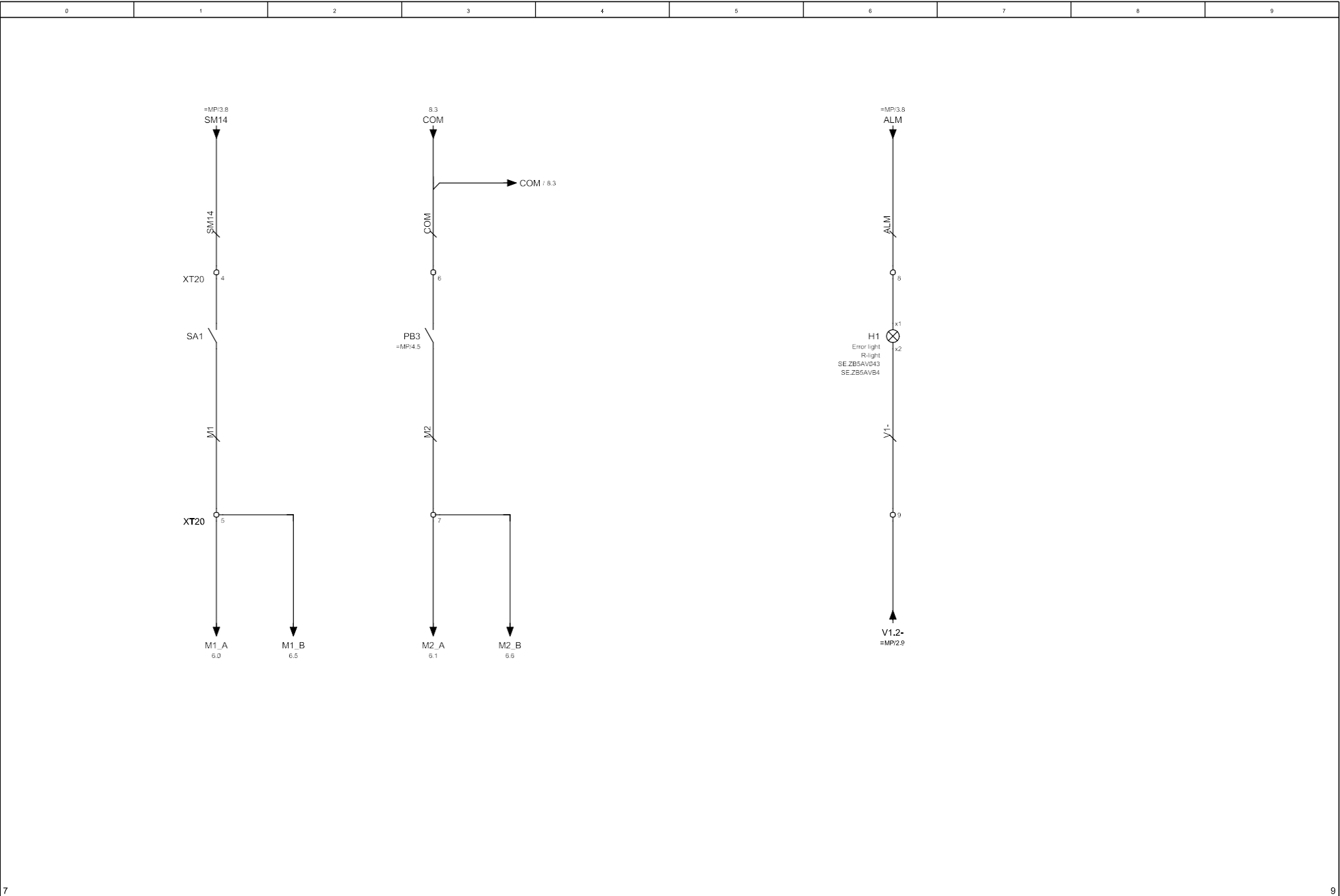
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修改	日期	姓名	修改项目		检验	检验人			IEC_00001	页	4 / 12



5				7			
			日期	2022/4/19	EPLAN		
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			审核				
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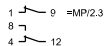
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7				9			
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