

Trouble?

- ⊙ If your machine doesn't function properly there should be an error number shown on the control panel display. Please see the error number list below along with some helpful hints to get your machine up and running again. If you are unable to get your machine running again after checking the advice below, please contact your local Sankosha distributor or Sankosha USA, Inc's office.



When working around electrical components such as the electrical box and inverter care should be taken. When working in the opened electrical box or inverter box do not touch any unnecessary areas. Touch only the areas as instructed.



If you have any of the following error messages: "EEE", "EE1", "EE2", "EE3", "EE4", "EE5" please turn off the machine and wait for 5 seconds and turn the machine back on. If the error persists, please contact your local Sankosha distributor or Sankosha Inc.

Error No.	1. Error Item
	2. Error Description
	3. Check Point
E1	1. Emergency Stop Button
	2. Emergency Stop Button is being pressed.
	3. (1) Release the Emergency Stop Button by turning the Button clockwise (to the “→” direction). Display shows “- - 1”. Press the Reset Button. (2) Wiring may be the cause if E1 displays even after releasing it. Check the Button itself or check for a possible short circuit in the wire.
E2	1. Tuck Left Press Safety Bar
	2. Tuck Left Press Safety Bar Switch is kept activating.
	3. (1) In the case of keep pushing safety bar, it will be shown “- - 2” if you release the bar. Please check whether the bar is kept pushing by something or not. If you push reset button after confirming the safety, the machine will return to its original position. (2) Even if it is not pressed button, if it is showing “E2” error, it is a switch problem. Please check whether switch is broken, shape change of safety bar, or wire connection is loose or disconnected. (3) The switch is activated due to heavy shock of press head. → Adjust speed controller of tuck press cylinder and sleeve arm cylinder. Check air pressure. (Sleeve Arm Air Pressure: 0.2MPa , reference Page 14)
E3	1. Tuck Right Press Safety Bar
	2. Tuck Right Press Safety Bar Switch is kept activating
	3. (1) In the case of keep pushing safety bar, it will be shown “- - 3” if you release the bar. Please check whether the bar is still being pushed by something or not. If you the push reset button after confirming the safety, the machine will return to its original position. (2) Even if it is not pressed button, if it is showing “E3” error, it is a switch problem. Please check whether switch is broken, shape change of safety bar, or a wire connection is loose or disconnected. (3) The switch is activated due to heavy shock of press head. → Adjust the speed controller of tuck press cylinder and sleeve arm cylinder. Check air pressure. (Sleeve Arm Air Pressure: 0.2MPa , reference Page 14)
E4	1. Front Press Left Safety Bar
	2. Front Press Left Safety Bar Switch is kept activating
	3. (1) In the case of keep pushing the safety bar, it will be shown “- - 4” if you release the bar. Please check whether the bar is still being pushed by something or not. If you push reset button after confirming the safety, the machine will return to its original position. (2) Even if the button is not pressed, if it is showing “E4” error, it is a switch problem. Please check whether switch is broken, shape change of safety bar, or a wire connection is loose or disconnected. (3) Check air pressure. (Front Press Slide Air Pressure: 0.3MPa , reference Page 14)

Error No.	1. Error Item
	2. Error Description
	3. Check Point
E5	1. Front Press Right Safety Bar
	2. Front Press Right Safety Bar Switch is kept activating
	3. (1) In the case of keep pushing the safety bar, it will be shown “ - - 5” if you release the bar. Please check whether the bar is still being pushed by something or not. If you push reset button after confirming the safety, the machine will return to its original position. (2) Even if the button is not pressed, if it is showing “E5” error, it is a switch problem. Please check whether switch is broken, shape change of safety bar, or a wire connection is loose or disconnected. (3) Check air pressure. (Front Press Slide Air Pressure: 0.3MPa , reference Page 14)
E6	1. Shoulder Press Left Safety Bar
	2. Shoulder Left Press Safety Bar Switch is kept activating
	3. (1) In the case of keep pushing the safety bar, it will be shown “ - - 6” if you release the bar. Please check whether the bar is still being pushed by something or not. If you push the reset button after confirming the safety, the machine will return to its original position. (2) Even if the button is not pressed, if it is showing “E7” error, it is a switch problem. Please check whether switch is broken, shape change of safety bar, or a wire connection is loose or disconnected. (3) The switch is activated due to heavy shock of press head. → Adjust speed controller of shoulder press cylinder.
E7	1. Shoulder Press Right Safety Bar
	2. Shoulder Right Press Safety Bar Switch is kept activating
	3. (1) In the case of keep pushing the safety bar, it will be shown “ - - 7” if you release the bar. Please check whether the bar is still being pushed by something or not. If you push the reset button after confirming the safety, the machine will return to its original position. (2) Even if the button is not pressed, if it is showing “E7” error, it is a switch problem. Please check whether switch is broken, shape change of safety bar, or a wire connection is loose or disconnected. (3) The switch is activated due to heavy shock of press head. → Adjust speed controller of shoulder press cylinder.
E30	1. Front Press Press Position Sensor Error
	2. It is not detected Front Press Press Position sensor (SQ7) even if press head is at position.
	3.(1)When you touch the magnet to sensor at the rod side (left) of cylinder, the red light of sensor ①does light ... it is considered the wrong position of the sensor. Please loosen the band of it, and find the lighting zone. Please place center of lighting zone and fix it. ②doesn't light ... it is sensor problem. Check if the sensor is broken, or the wire connection is loose or disconnected (2) Check the air pressure. (Main Pressure: 0.6MPa , reference Page 14)
E31	1. Front Press Open Sensor Error
	2. It is not detected Front Press Open sensor (SQ05) even if press is activated.
	3. (1)When you touch magnet to sensor at the head side of cylinder, the red light of sensor ... ①does light ... it is considered wrong position of sensor. Please loosen the band of it, and find lighting zone. Please place center of lighting zone and fix it. ②doesn't light ... it is sensor problem. Check sensor is broken, or wire connection (such as looseness or disconnection). (2) Check air pressure. (Main Pressure: 0.6MPa , reference Page 14)
E32	1. Reset Button Error
	2. Reset Button keeps activated when the main power is ON, or machine is at the original position.
	3. (1) In the case of keep pushing button, please release the button. Also, please remove anything which is pushing button. If you press the button again, the machine will return to its original position. (2) Even if the button is not pressed, if it is showing “E32” error, it is a switch problem. Please check whether the switch is broken or a wire connection is loose or disconnected.

Error No.	1. Error Item
	2. Error Description
	3. Check Point
E33	1. Front Press Left Brake Sensor Error
	2. It is not detected Front Press Left Brake Sensor (SQ8) and is detected Left Position Sensor (SQ7) even if Front Transfer is moving correctly.
	3. When you touch magnet to second sensor from rod side of cylinder, it is sensor problem if red light doesn't light. Check sensor is broken, or wire connection (such as looseness or disconnection).
E34	1. Front Press Right Brake Sensor Error
	2. It is not detected Front Press Right Brake Sensor (SQ9) and is detected Original Position Sensor (SQ10) even if Front Transfer is moving correctly.
	3. When you touch magnet to second sensor from head side of cylinder, it is sensor problem if red light doesn't light. Check sensor is broken, or wire connection (such as looseness or disconnection).
E35	1. Left Cuff Clamp / slides start Button Error (SB1)
	2. (1) Cuff Clamp Button keeps activated if the button is kept pressing by something when the main power is ON, or the machine is at the original position. (2) Cuff Clamp Button is kept pressing for more than 5 seconds even if you release the button.
	3. (1) In the case of a button being pushed by something, the error will be released if you release it from the button and push the reset button. (2) Even if it is not pressed button, if it is showing "E35" error, it is a switch problem. Please check whether the switch is broken or a wire connection is loose or disconnected.
E36	1. Press Start Button Error (SB2)
	2. Press Start Button keeps activated when the main power is ON, or the machine is at the original position.
	3. (1) In the case of a button being pushed by something, the error will be released if you release it from the button and push the reset button. (2) Even if it is a not pressed button, if it is showing "E36" error, it is a switch problem. Please check whether switch is broken or a wire connection is loose or disconnected.
E37	1. Short Button Error (SB3)
	2. Short Button keeps activated when the main power is ON.
	3. (1) In the case of a button being pushed by something, error will be released if you release the button and push the reset button. (2) Even if it is not a pressed button, if it is showing "E37" error, it is a switch problem. Please check whether switch is broken or a wire connection is loose or disconnected.
E38	1. Foot Pedal Error (SB6)
	2. Foot Pedal keeps activated when the main power is ON, or machine is at the original position.
	3. (1) In the case of keep pushing button, please release the pedal. Also, please remove anything which is pushing the pedal. If you press the Reset button again, the machine will return to its original position. (2) Even if the button is not pressed, if it is showing "E38" error, it is a switch problem. Please check whether the switch is broken or a wire connection is loose or disconnected.
E42	1. Long Button Error (SB4)
	2. Long Button keeps activated when the main power is ON.
	3. (1) In the case of a button being pushed by something, the error will be released if you release the button and push the reset button. (2) Even if it is not a pressed button, if it is showing "E42" error, it is a switch problem. Please check whether switch is broken or a wire connection is loose or disconnected.

Error No.	1. Error Item
	2. Error Description
	3. Check Point
E49	1. Front Press Close Sensor Error
	2. It is not detected Front Press Close sensor (SQ6) even if press is activated.
	3. (1)When you touch magnet to sensor at the rod side of cylinder, the red light of sensor ... ①does light ... it is considered wrong position of sensor. Please loosen the band of it, and find lighting zone. Please place center of lighting zone and fix it. ②doesn't light ... it is sensor problem. Check sensor is broken, or wire connection (such as looseness or disconnection). (2) Check air pressure. (Main Pressure: 0.6MPa , reference Page 14)
E50	1. Front Press Original Position Sensor Error
	2. It is not detected Front Press Original Position sensor (SQ10) even if press head is at position.
	3. (1)When you touch magnet to sensor at the head side of cylinder, the red light of sensor ①does light ... it is considered wrong position of sensor. Please loosen the band of it, and find lighting zone. Please place center of lighting zone and fix it. ②doesn't light ... it is sensor problem. Check sensor is broken, or wire connection (such as looseness or disconnection). (2) Check air pressure. (Front Press Slide Pressure: 0.3MPa , reference Page 14)
E51	1. Vacuum Motor Thermal Switch
	2. Thermal of Magnetic Contactor KM01 for Vacuum Motor works.
	3. Green trip of Magnetic Contactor is retracted and you can't see it when it works. In case of Thermal of Magnetic Contactor works, it is considered overload by wire cutting or continuous motor running under the high temperature. Fix the problem first and press blue Reset Bar of Magnetic Contactor. The error will be released when you press the reset button.
E52	1. Blower Motor Thermal Switch
	2. Thermal of Magnetic Contactor KM02 for Blower Motor works.
	3. Green trip of Magnetic Contactor is retracted and you can't see it when it works. In case of Thermal of Magnetic Contactor works, it is considered overload by wire cutting or continuous motor running under the high temperature. Fix the problem first and press blue Reset Bar of Magnetic Contactor. The error will be released when you press the reset button.
E56	1. Size Adjustment Button Error
	2. The button is ON when the power is ON.
	3. (1) Check if the button is caught or being press for some reason. (2) The button is malfunctioned. Check if the button is damaged or if there is a short circuit in the wire.
E99	1. 24V Error
	2. Either safety bar operated in an instant in the vibration and so on.
	3. The error will be released when you press the reset button. When occurring many times, adjust a speed controller at the part where the impact is big. (Portion of operation when especially an error occurs).
E C1	1. Warning for cover change timing.(Standard)
	2. Time to change covers. You have done 25,000 presses/finishes since last time.
	3. Press and hold Reset Button for more than 1 second. Buzzer and error message will be cancelled. After cover change, be sure to reset the cover counter referring to "About the Cover Counter" of page 25.