

TECHNICAL TIPS

CRANES

Type of Tip:

Trolley Limits Lost After Power Down

Necessary Tools:

Personal Observation

Applicable Models:

SK315 / SK405 / SK415 / SK565 / SK575

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Basic Safety Rules



Danger

Failure to follow the instructions and safety rules in the Operator's Manual and Service Manual appropriate to your machine will result in death or serious injury. Many of the risks identified in the operator's manual are also safety risks when maintenance and repair procedures are performed.

Do not perform maintenance unless:

- You are trained and qualified to perform maintenance on this machine.
- You read, understand and obey:
 - The manufacturer's instructions and safety rules
 - Employer safety rules and workplace regulations
 - Applicable government regulations

- You have the appropriate tools, lifting equipment and a suitable location.

The information contained in this technical tip is a supplement to the service manual. Consult the appropriate service manual for your machine for safety rules and risks.

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Trolley Limits not Being Retained

- The trolley limits are set using the display in conjunction with the analog I/O card in the PLC.
- Transformer OT3 supplies power to the PLC which needs to perform its shutdown sequence when the crane power is removed at the A-Panel by opening the main disconnect.
- If the internal capacitor fails, once the power is removed from the transformer there is no residual supply for the PLC to perform its shutdown sequence and the trolley limit parameters are lost.

