

Alarm 41: Knife move fault

This is a monitor for the knife. When the knife is commanded, it needs to make it to its position before the time expires.

This alarm is controlled by KNIFE ALARM on the delays screen.
MENU\HMI SYSTEM\DELAYS\KNIFE DELAYS
Value range 0 – 9,999. The default is 3.000 seconds.

This alarm is disabled when all alarms are disabled.

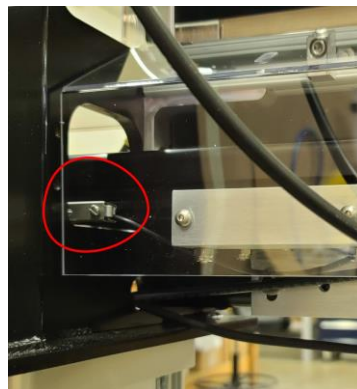
Cause

1. When the knife is commanded, it must reach the opposing limit switch in time.



There are speed controls on the valve's exhaust which control the speed.

2. The knife made it on time, but the limit switch is not being seen (X12, X13).



Check the limit switches position. Check them with a magnet and verify that the PLC inputs are turning on.



Disconnect all electrical and compressed air sources from the Heat Sealer before doing any maintenance work. Only qualified technicians should perform this work. Improper installation of the components may result in serious personal injury and damage to equipment. Call PackworldUSA Ltd if further information is needed.