

GAMMA 333LCD

WIRE SLIP ERRORS

How the drive system works:

The Gamma 333 is equipped with an Anti-Slip-System. Where two different encoders compare signals between each other to determine wire slippage. These signals are tied into the Delta-Drive system. The mechanical encoder is located just after the drive rollers, and the other is integrated into the drive motor.

Adjusting the sensitivity of the Anti-Slip-System:

The sensitivity of this Anti-Slip-System can be set through the software under the "Parameters" screen. The range is from 2 - 10. By setting the "Slip" to a higher number, the slip system is less sensitive. This could help decrease your slip errors when processing larger gauge wire. The default setting is set at 2 for maximum sensitivity.

Cleaning the drive system:

Keeping the drive rollers and mechanical encoder clean will help prevent wire slippage.

Setting the encoder and drive roller gap:

To set the gaps between the drive rollers, and mechanical encoder, Loosen screw #2, and adjust screw #1 until a gap of .2mm is achieved. Then tighten down screw #2.