NVS Changes

The following table details which NVS parameters have changed for version 2.50B firmware and later for base Trendsetter and version 1.5 firmware and later for Proofsetter/Trendsetter Spectrum.

NVS System	Param Name	Old Default	New Default	Description
drum	**pacc**	**6**	**15**	Default changed – position acceleration (rpss) Indicates how quickly the drum should accelerate when moving to a new position.
drum	**pgh**	**1000**	**3000**	New PID settings for new drum drive.
drum	**igh**	**0**	**100**	
drum	**dgh**	**0**	**10**	
drum	**vacc**	**10**	**25**	Velocity_acceleration – allows drum to accelerate to speed more quickly
drum	**mtcn**	**0.403**	**0.580**	Different motor torque constant for different drum drive.
drum	**doff**	**0**	**0**	
drum	**dfrict**	**15**	**0**	Drum amp has zero deadband, so the drum_friction is 0.
sys	**hpd**	**0**	**1**	New feature on FW1.5 on Spectrum and FW2.50 on the Base
carriage	**mspeed**	**1500**	**2200**	Higher maximum carriage speed – allows faster retrace time.
carriage	**accel**	**1500**	**2200**	Higher maximum carriage acceleration – allows quicker moves.

- Enter: “nvs save sys”
- Enter: “nvs save drum”
- Enter: “nvs save carriage”