



## XLi Pinspotter Upgrades

Eliminate Electrical Problems with Your Older Pinspotters

Feature	Description/Function	Benefit	XLi Upgrade for 82-70	XLi Upgrade for 82-90
<b>Reliable Electrical and Control System</b> - Means no more struggling with pinspotter downtime and bowler interruption due to old, unreliable electronics.				
<b>EXCLUSIVE</b> XLi Electrical and Control System	The XLi electrical and control system is state-of-the-art in pinspotter electronics and controls and completely replaces all of the electronics on your old pinspotter.	No more machine downtime because of old and unreliable electronics.	YES	YES
<b>EXCLUSIVE</b> Back End Motor Rotated 90 degrees	The back-end motor position is rotated 90 degrees from the original position on an 82-70. This puts the motor out of the path of any pins that may roll out of the distributor orienter pan. (This does not apply to 82-90 as the motor position is already rotated 90 deg)	Pins can't fall onto the motor and damage the motor and wiring to the motor.	YES	N/A
<b>EXCLUSIVE</b> Motor Overload Protection	The XLi chassis constantly monitors the back-end motor current and will shut down the pinspotter if a jam occurs that could burn up the motor	Protects motors from failure.	YES	YES
<b>Easier To Operate</b> - Means that with it's modern machine control and safety features your existing pinspotters will be easier and safer for your existing and new technicians to operate.				
<b>EXCLUSIVE</b> XLi Machine Control	The XLi chassis gives full control of machine operation and settings through a keypad and LCD display at the rear of the machine pair and from the front of the machine pair with the Technician's Handheld Unit (THU).	Technicians save time with quick and easy access to the machine operation and settings.	YES	YES
<b>EXCLUSIVE</b> Integrated Troubleshooting Diagnostics	The pinspotter control box monitors primary machine functions of the machine and any issues or warnings are displayed on the LCD display.	Quick troubleshooting helps minimize downtime.	YES	YES
<b>EXCLUSIVE</b> Table and Sweep Encoders	The mechanical cams and switches that control the table and sweep operation are replaced with encoders and the table and sweep motion is controlled by the XLi chassis.	Easier to maintain (the mechanical table and sweep position adjustments are eliminated)	YES	YES
<b>EXCLUSIVE</b> Emergency Stops	Emergency stop buttons are located on the front and the rear of each pair of pinspotters upgraded with XLi. These give the technician a quick and safe way to stop the machines in case of emergency	Safer work environment around the machines.	YES	YES
<b>EXCLUSIVE</b> "Safety-First" Ball Detector	The XLi ball detector will shut down the pinspotter if someone tries to enter under the machine from the front and passes the ball detector. This is included on non-SmartGuard upgrade its only.	Safer work environment around the machines.	YES	YES