



WHAT ARE THE FINANCIAL ADVANTAGES OF A CONTROL RETROFIT?

All of CPT's retrofit packages are "ROI-Calculator-Created" and will provide substantial savings based on increased production and reduced scrap. Consult us for a personalized projection of return on investment for your application.

The following savings calculations and justification may not totally reflect your exact situation or costs but can be used as a guide to realize potential savings.

Potential Financial Benefits from Replacing an Older Obsolete Control with a Control Retrofit from CPT	SAVINGS
Typical repair cost for obsolete control components (based on 2 component repairs per year)	\$3,000
Downtime associated with component failure (based on 2 downtime occurrences for 5 days at \$30/hr cost)	\$7,200
Scrap reduction due to better accuracy and improved repeatability (based on 1% improvement in scrap reduction at \$30/hr cost)	\$1,800
Energy savings for auto shut-down when machine is at idle (based on 10% idle savings of 10KW at \$0.08 per KWH)	\$480
Increased production for auto barrel heat start-up (based on one hour gained for 50 weeks at \$30/hr)	\$1,500
Reduce downtime with improved machine and remote diagnostics (based on a 1% decrease in downtime at \$30/hr)	\$1,800
Additional machine options included with control (based on robot, air & core software, plotting, process monitoring etc.)	\$3,000
Reduce mold repair costs (based on saving 3 days of downtime for mold repair at \$30/hr)	\$2,160
Increased machine utilization due to modern user friendly control (based on 1% increase in utilization at \$30/hr)	\$1,800
Reduced cycle time due to improved clamp control and core sequence (based on 2% increase in production due to reduced cycle time)	\$3,600
Total savings based on 6,000 hrs/yr and \$30/hr lost revenue cost	\$26,340