

Your equipment represents a major investment. Getting the maximum return on that investment means keeping it in top operating shape all the time. To minimize downtime. Reduce and eliminate waste. And making sure you get the optimum return for every hour – and every dollar – of labor you spend.

## PM Cost Savings Benefits

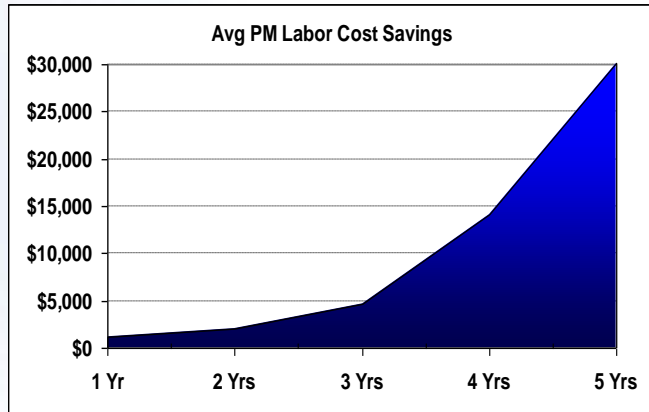
Elimination of unscheduled downtime caused by failures. Typically, reductions of 40% to 60% are achieved within the first two years and up to 90% reductions have been achieved and sustained within five years.

Increased manpower utilization. Statistically, the average "wrench-time" of a maintenance craftsman is 24.5% or about 2 hours per shift. By identifying the precise repair task needed to correct deficiencies, as well as the parts, tools and support needed to rectify the problem, preventive maintenance can dramatically increase effective "wrench-time". Most plants have been able to achieve and sustain 75% to 85% effective utilization.

Increased machine capacity. The primary benefit of effective preventive maintenance programs is an increase in the throughput or production capacity of the machine. Short term, i.e. 1-to-3 years, increases in sustainable capacity have ranged between 15% and 40%. Long-term improvements of 75% to 80% have been achieved.

Reduction of maintenance expenditures. When unplanned downtime is eliminated, the typical result is a reduction in labor and material cost is between 35% and 60%.

Increased machine useful life. Typically, the useful operating life of machines is extended by 33% to 60%. Detecting developing problems or deviations from optimum operating conditions before damage to equipment occurs derives this benefit. Making minor adjustments or repairs and not permitting a minor deficiency from becoming a serious problem can extend the effective useful life extended almost indefinitely.



Our Service Department offers standard programs outlined below or you can customize your own plan according to your needs. These programs offer an immediate payback and are a way to secure your investment.

<b>Silver</b>	<ul style="list-style-type: none"> <li>● Test complete machine functionality.</li> <li>● Check base level and platen parallelism.</li> <li>● Check all machine safeties operation.</li> <li>● Check for hydraulic leaks and loose connections.</li> <li>● Take oil samples and provide quarterly fluid analysis.</li> </ul>
<b>Gold</b>	<ul style="list-style-type: none"> <li>● Grease all fittings, linear bearings and pump couplings.</li> <li>● Replace all oil filters and breather elements.</li> <li>● Replenish injection unit lubrication, fill grease reservoirs.</li> <li>● Calibration of hydraulic pressures and proportional valve spans.</li> <li>● Tuning of control set points, ramps and closed loop control.</li> <li>● Includes all Silver level PM activities.</li> </ul>
<b>Platinum</b>	<ul style="list-style-type: none"> <li>● Remove the screw and examine OD, Barrel ID, NRV, and check ring wear.</li> <li>● Check Clamp bushings, links, link pins and movable platen support shoes/bearings for wear.</li> <li>● Check for tonnage or clamp cylinder leaks.</li> <li>● Includes all Gold and Silver level PM activities.</li> </ul>



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