



# MACHINE PERFORMANCE COST SAVINGS ASSESMENT QUESTIONNAIRE

Tailored Solutions for the Manufacturing Environment

▽ identify ▽simplify ▽automate

Please fill in all the areas that apply to your company.

Company Name: \_\_\_\_\_ Your Name: \_\_\_\_\_  
Address: \_\_\_\_\_ Your Title: \_\_\_\_\_  
City/State/Zip: \_\_\_\_\_ Date: \_\_\_\_\_  
Phone Number: \_\_\_\_\_

1. What percentage of the workday are your machines available for production? \_\_\_\_\_%
2. How many hours per week do you schedule production? \_\_\_\_\_hours
3. What is the average hourly labor rate for direct labor? \$\_\_\_\_\_/hour
4. How many incidences per week require a maintenance employee to return to operation? \_\_\_\_\_incidents
5. How long does it take before a maintenance employee is able to start repairs? \_\_\_\_\_min
6. How much time per week do you spend repairing machines? \_\_\_\_\_min
7. What percentage of repairs could be performed off hours if you had an early warning? \_\_\_\_\_%
8. What is the average hourly wage of maintenance employees? \$\_\_\_\_\_
9. How many separate machines do you use in your company? \_\_\_\_\_machines
10. Do you often find yourself having to deal with capacity issues? Y/N
11. If you could better manage capacity, what percent increase in production is possible? \_\_\_\_\_%
12. What are your annual sales from manufactured goods? \$\_\_\_\_\_
13. What is your cost per hour of production loss (excluding wages)? \$\_\_\_\_\_/hour

Production Employee Savings:  $((100\% - \#1) * \#2) * \#3 * \#7 * 52 \text{weeks} = \$ \text{_____} \text{ annual labor}$   
 Lost Production Time:  $(\#1 / 60 \text{min per hour}) * \#13 * \#7 * 52 \text{weeks} = \$ \text{_____} \text{ lost production}$   
 Maintenance employee savings:  $(\#6 / 60 \text{min per hour}) * \#3 * \#7 * 52 \text{weeks} = \$ \text{_____} \text{ reduced maintenance}$   
 Reduction in wait time:  $(\#4 * \#5 / 60 \text{ min per hour}) * \#8 * \#7 * 52 \text{weeks} = \$ \text{_____} \text{ eliminated wait times}$   
 Increased Production:  $\#12 * \#11 = \$ \text{_____} \text{ annual sales increase}$