



Return on Investment Calculator

rexroth
A Bosch Company

Enter Your Factory Details

Enter information about your business in each field below. The more details you provide, the more relevant your results will be.

Calculation of downtime/year

Trouble Shooting	60%		Hours
Part Preparation	20%		Hours
Repair	20%		Hours
Sum of Downtime in hours/year			Hours

Calculation of downtime costs/year

Machine Downtime Expense		Euros
Costs of Spare Parts		Euros
- costs for overhauled or repaired parts		Euros
- follow-up costs through chain reaction		Euros
Labour Costs		Euros
Value of parts due to production downtime		Euros
Sum of Potential cost saving/year with PdA		Euros
Sum of Potential savings/month with PdA		Euros

Requirements

Number of machines		pieces
Production days/year		Days
Operational hours/day		Hours
Operational hours/year		Hours
Part price		Euro
Number of produced parts/hour		Pieces
Machine expenses/hour		Euro
Labour costs/hour		Euro
Costs of spare parts (5% of the complete machine value)		
- Asset Value		
		Euro

Remaining costs of downtime after Optimization

Sum of downtime costs/year		Euros
Sum of Potential cost savings/year with PdA		Euros
Sum of Downtime costs after Optimisation with PdA/year		Euros
Sum of Downtime costs after Optimisation with PdA/Month		Euros

Calculation of potential downtime/year

Trouble Shooting	around 50%		Hours
Part Preparation	around 20%		Hours
Repair	around 0%		Hours
Sum of Downtime in hours/year			Hours

Calculation of potential cost savings/year

Machine Downtime Expense		Euros
Follow up costs		Euros
- costs for overhauled or repaired parts		Euros
- follow-up costs through chain reaction		Euros
Labour Costs		Euros
Value of parts		Euros
Sum of Potential cost saving/year with PdA		Euros
Sum of Potential savings/month with PdA		Euros