

A Basic Worksheet for Calculating Return on Investment

For Yearly R.O.I., use this basic formula for Equipment:

Cost of new equipment over depreciation schedule	
(-cost of Old Equipment Sold)	\$ _____ (include interest)
Cost of yearly Maintenance	_____
Cost of Insurance	_____
Cost of Personnel to operate	_____
Training Costs*	_____
Total Cost per Year	_____

Compared to:

Current Production Rate	\$ _____
New Estimated Production Rate	\$ _____
Estimated Profit on Additional BdFt	\$ _____
Old Equipment Sold?*	\$ _____
Total Estimated Profit Yearly	\$ _____

Est. Yearly Profit-Total Cost Per Year = Yearly ROI

_____ = _____
Cost of Machinery/Divided by Yearly Profit= Years to Pay for Equipment

* Items are one time costs. Use this worksheet to estimate R.O.I. yearly and to see how long it will take you to pay for the new or used equipment. There could be other costs, add them in if necessary.

Time Budget Worksheet

Figuring the Time Available per Maintenance Person per Month	Make an Estimate of the Maintenance Time needed per item in each category	Multiply Hours Available by % of time needed to get hours required by Category (i.e. 152 * 15% = 22.8 hours)	List Items in Each Category and total (i.e. Mower-cut, Cyber-Sort, Easy Cut = 3)	Finally, Divide Hours per Category by # of Items in each Category to get Number of Hours per Item per Month (i.e. 22.8/3 = 7.6 hours per item)
176 Available Work Hours per Person per Month	Saws _____ %			
-16 Hrs. CDT (Coffee Drinking Time) = 160 Hour Available _____	Gantries _____ %			
160 Hrs. -8 Hrs. (Sick or Vacation) _____	Trucks _____ %			
(Fill in your own CDT and sick and vacation time to come up with Total Hours Available)	Forklifts _____ %			
Use 152 or use your own: _____ hrs. available	Major Maintenance _____ %			
	Emergency Repairs _____ %			

Use this chart to help your maintenance people schedule their time. Use it as a guide, making sure you leave time for major maintenance. Double-check this chart with the Hours Required per Item Worksheet that you have your Maintenance Person fill out!