

**PROCESS EVALUATION OF  
A GRINDING MACHINE**

by

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## SUMMARY

A review of lotus 123 was done. This review consist of general information about the worksheet, the way to calculate 123, how to use the formulas and the graphs.

General information about grinding machining were reviewed. This chapter consist of general information about grinding process, grinding wheels, grinding forces, temperature in grinding, surface finish, wheel wear and dressing of abrasive wheels.

Then the basic costing concepts were analyzed, the costs units, the classification of costs, the elements of cost, its applications, overheads, depreciation, etc.

Then the program "Cost Evaluation" was developed using lotus 123.

The "Elliott 921" grinding machine was used to developed the experimental part of the project. By using the "cost evaluation" program an investigation was done and the final results were obtained.

## CONTENTS

	<u>Page</u>
Contents .....	1-3
Acknowledgments .....	4
Summary .....	5
Introduction .....	6
Chapter 1 - lotus .....	7
1.1 General .....	7
1.2 Worksheet .....	7
1.3 Calculating with 123 .....	7-8
1.4 Columns .....	8
1.5 Graphs .....	8
Chapter 2 - Grinding - .....	9
2.1 General .....	9
2.2 Grinding process .....	9
2.3 Grinding wheels .....	10-12
2.4 Wheel balancing .....	12-13
2.5 Grinding forces .....	14-15
2.6 Effective wheel hardness.....	15
2.7 Temperature in grinding .....	16-17
2.8 Surface finish .....	17
2.9 Wheel wear .....	18-19
2.10 Dressing abrasive wheels .....	20-21
Chapter 3 - Elliott 921 - .....	22
3.1 General .....	22
3.2 Rigid and Head spindle.....	22-23
3.3 Gross grinding .....	23
3.4 Table speed .....	23
3.5 Automatic cross feed .....	24
3.6 Hydraulic system .....	24-25
3.7 Base .....	25
3.8 Air bearing head .....	25-26
3.9 Extra equipment .....	26
Chapter 4 - Cost Analysis -.....	27
4.1 Basic costing concepts .....	27
4.1.1 What is cost? .....	27-28

4.1.2	Cost units .....	28
4.1.3	Cost centres .....	28-29
4.2	Classification of cost .....	30
4.2.1	Direct and indirect costs .....	30
4.2.2	Fast and variable costs .....	31
4.2.3	Costs classified by nature .....	31
4.2.4	Costs classified by functions .....	32
4.2.5	Elements of costs .....	32-33
4.3	Applications of costing .....	34
4.3.1	Cost ascertainment .....	34
4.3.2	Cost planning .....	34
4.3.3	Cost control .....	34
4.3.4	Decision making .....	34
4.3.5	Costing and price-fixing.....	35
4.4	Direct expenses .....	36
4.4.1	Direct expenses .....	36
4.4.2	Direct and indirect expenses .....	36
4.4.3	Types of cost unit direct expense ..	36-37
4.4.4	Power, a direct or indirect expense.	37
4.5	Overheads .....	38
4.5.1	Definition of overheads .....	38
4.5.2	The border-line between direct costs and overheads .....	38
4.5.3	Effect of change in cost analysis detail .....	38-39
4.5.4	Minor direct costs treated as overheads .....	39
4.6	Collection and classification of overheads .....	40
4.6.1	Collection of overheads .....	40
4.6.2	Sources of overhead data .....	40
4.7	Depreciation and obsolescence .....	41
4.7.1	Depreciation .....	41
4.7.2	Obsolescence .....	41

4.7.3 Depreciation and obsolescence changes .....	41-42
4.7.4 Life of an asset .....	42
4.7.5 Revision of asset life .....	42-43
4.7.6 Depreciation methods .....	43
4.7.7 Straight line depreciation .....	44
4.7.8 Reducing balance depreciation .....	44
4.7.9 Depreciation and maintenance .....	44
4.8 Cost data .....	45
4.8.1 Labour cost .....	45
4.8.2 Materials costs .....	46-47
4.8.3 Other costs .....	48
Laboratory procedure .....	49
Program	
Conclusions .....	50
Bibliography .....	51
Appendices	