LABOUR VERSUS AUTOMATION

Based on:
Cost of Automated System: £34,000 | Labour Cost/Employee: £25,000 (2 shifts)

Operators P/Shift:

4 Manual Labour
2 Automation

Operator Cost P/Year:

£200,000 First Year
£100,000 Second Year

Manual Labour:

First Year:
- £200,000 (Operator Cost)
- £10,000 (Travel)
- £22,000 (Overheads)
- £232,000 (Total)

Second Year:
- £200,000 (Operator Cost)
- £10,000 (Travel)
- £16,000 (Overheads)
- £236,000 (Total)

Total Expense Over 2 Years:
- £400,000

Automation:

First Year:
- £100,000 (Operator Cost)
- £14,000 (Overheads)
- £114,000 (Total)

Second Year:
- £100,000 (Operator Cost)
- £14,000 (Overheads)
- £114,000 (Total)

Total Expense Over 3 Years:
- £512,000

3 Year Savings: £192,000

Other Items to Consider:

- Employee turnover
- Fixed expenses
- Reduced training costs
- Employer NIC & Pension costs
- Increased repeatability
- Quality & Reliability issues
- Employee injury
- Wage inflation
- Maintenance program

Plan Ahead

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