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simulation. Virtual...Product Manufacturing and Cost Estimating using CAD/CAE ...In addition, manufacturing cost and time, which constitute a significant portion of product cost, can be estimated. This chapter focuses on virtual machining (VM), which includes milling, turning, and drilling among other operations. One of the main considerations is VM's relatively low setup cost compared to forming, molding, and casting. Product Manufacturing and Cost Estimating using CAD/CAE ...The basic equation for calculating product cost is as follows (using the example of the manufacturer given in the figure below): \$91,200,000 total manufacturing costs ÷ 120,000 units production output. = \$760 product cost per unit. How to Calculate Product

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Total Manufacturing Cost = RMC + U + L + M + S + D + T = \$15,690,000/yr  
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### *Determining Manufacturing Costs*

To achieve Accuracy, Consistency, and Efficiency of Cost Estimation requires Automation using some form of Manufacturing Cost Estimation Software. Such software involves a wealth of features, and can cost many thousands of dollars.

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