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PROFITABILITY OF THE GLASS PROCESSING LINE

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Keywords

1= Tempering 2=Profitability

Abstract

Competition in glass processing business is getting tougher all the time. In the next few years it will get even much tougher. The managers and companies who want to be successful in the future must understand the dynamics of the factory operations as well as the relationship between the profit and costs. The key question is what are the most important factors affecting the profitability.

This paper discusses the profitability of the glass processing line. Typically glass processing line consists of several pre-processing phases, such as cutting, grinding, drilling and washing, and a tempering furnace. Also there may be laminating line, IG-line and other machinery included. The production of the glass processing line is complex to manage effectively and even more complex to optimize. Usually the production is a combination of long series, short series and individual products. There are many variables in the factory that all have effect to each others. To find the most profitable solutions may be very demanding task.

The need for higher profitability requires the following practical questions to be answered: How to increase line output? What is the role of the quality? What is the meaning of the yield? What means reliability? Where are the biggest costs? How to improve supply chain? What about work flow? How significant is the machinery purchase price compared to factory costs?