

Ten Reasons Continuous Processing is Better than Batch Mixing

1. **SAFETY** – Continuous Processors are totally enclosed; therefore, you can operate them without the safety hazards associated with batch processing – such as opening and closing to add ingredients.

2. **QUALITY & CONSISTENCY** – The use of loss-in-weight feeders and pumps increases the quality and consistency of the finished product – eliminating ‘batch to batch’ variations associated with manual feeding.

3. **LABOR** – With continuous processing there is a significant reduction in the cost of labor by eliminating the many manual operations involved with batch mixing.

4. **FLOOR SPACE** – Reduction of unnecessary equipment and material storage decreases the foot print of a continuous processing system compared with that of conventional batch processing.

5. **CYCLE TIME** – A continuous processing system will compress the total production cycle time by removing unnecessary steps that are inherent to batch mixing.

6. **ENVIRONMENTAL IMPACT** – Dust, vapors, and other airborne contaminants are contained within a Continuous Processor unlike batch processing systems that can contaminate a work area.

7. **WASTE** – Since Continuous Processors only work on a small quantity of material at a time, the volume of scrap is greatly reduced if an upset condition occurs.

8. **PROCESS STEPS** – The flexibility and versatility of a Continuous Processor increases the diversity of processes that can be performed by a single unit. Examples of this are mixing, crystallizing, evaporating, and reacting.

9. **EQUIPMENT** – The combining of processes with a continuous system eliminates unnecessary equipment – simplifying the total system and reducing overall costs.

10. **WORK IN PROGRESS** – A continuous processing system facilitates just-in-time manufacturing by minimizing costs associated with material handling and inventory.



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