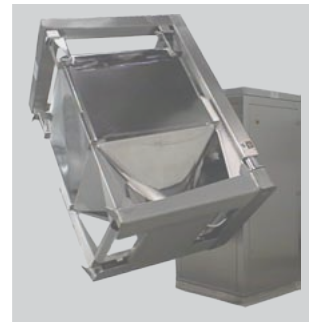




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# Parallel Processing

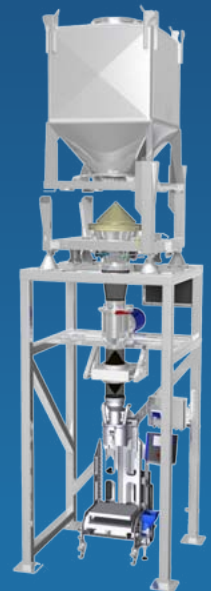
Synchronised processes, no time wasted...



FORMULATION



BLENDING



PACKING



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# Parallel Processing...

...the smarter, more efficient way to manufacture.  
Reduce the cost per kilogram manufactured.



Increasingly sophisticated consumer tastes result in a broadening of product portfolios & a need to continually improve product quality. This requires greater manufacturing flexibility to respond quickly to customer demand and to handle a wide range of ingredients within stringent regulations.

Conventional manufacturing plants with linked processes (shown left) are perfect for long campaign runs as they are highly automated. However, if the requirement is for many recipe changes, they are limited by the high risk of cross - contamination and their lack of flexibility. This ultimately leads to creating large inventory to cope with demand.

In contrast, the **Matcon system** uses IBCs to transport material between the manufacturing processes, decoupling them to allow Filling, Blending, Packing & Cleaning to take place simultaneously - *Parallel Processing*. One recipe can be packed, at the same time as one is mixed and another is formulated; whilst used IBCs are cleaned off-line.

IBC Blending is central to the success of the Matcon system. Because the IBC becomes the mixing vessel there is no need for cleaning between recipes, thereby speeding up the whole cycle time and adding flexibility to the system and eliminating 'dead' time.

### Give us a call

We have a global team of technical sales consultants who offer their services free of charge for an initial site survey. They will identify what financial gains you could make by implementing a Matcon IBC System.

### Key Benefits

- ▶ Increase productivity by up to 300%
- ▶ Production flexibility for rush orders
- ▶ Optimum utilisation, OEE around 80%
- ▶ 'Make to order' not Campaign
- ▶ Reduce process inventory to a fifth
- ▶ Assured product quality
- ▶ Customer satisfaction



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