



over a Discrete Manufacturing ERP application

Trying to understand the differences between an ERP application built for process manufacturers vs one built for discrete manufacturing?

This guide highlights several key software capabilities found in BatchMaster ERP that support the unique requirements of process manufacturers - right out of the box.

With an architecture built from the ground up for process manufacturers, companies running BatchMaster ERP avoid the costly modifications, unnecessary workarounds and risks that come with running a discrete manufacturing ERP application in a process manufacturing environment.

In discrete manufacturing, a multi-level bill of material architecture (BOM) is employed to produce one finished product in its base unit of measure. In process manufacturing, a formula is employed to produce a product, including by-products and co-products, in a weight and volume units of measure, which is then packaged in multiple configurations, using a multi-level bill of material architecture (BOM).

Managing separate formula and pa

Separate formula and packaging specifications allow BatchMaster ERP scheduling module to consolidate demand for multiple finished goods with the same base formula in order to schedule a large "make" batch job (formula) that feeds multiple "fill" batch jobs (packaging BOM's). For example, make a common dough to be used in a number of bakery items or a base paint to produce a number of colored paints.

BatchMaster ERP can schedule batch jobs on a production line based upon the products' variable characteristics which can minimize the number of changeovers, improving overall resource utilization and lowering product costs. For example, a vanilla ice cream followed by a chocolate ice cream with nuts, versus the reverse.

To effectively manage the variable characteristics of on hand inventory, BatchMaster ERP can allocate various inventory lots of varying characteristics in order to meet a batch job's finished goods target property value. For example, produce a finished good with strength of 70% using active ingredients that are available in inventory lot strengths of 50% and 90%.

Scaling production in process manufacturing is different than in discrete manufacturing. Take for example a chemical reaction within 10 liters of a solution (e.g. the minimum levels of a solution) (f) 109(a so) - (u) 5(tin) 32 555.79 Tm(,)JT()JTETs()1ET EN

BatchMaster Software ERP solutions enable process manufacturers to streamline their operations and scale production, while reducing costs and complying with customer demands and ever more stringent regulatory mandates.

For more information, please visit www.batchmaster.com or email your inquiry to sales@batchmaster.com