

Critical Issues

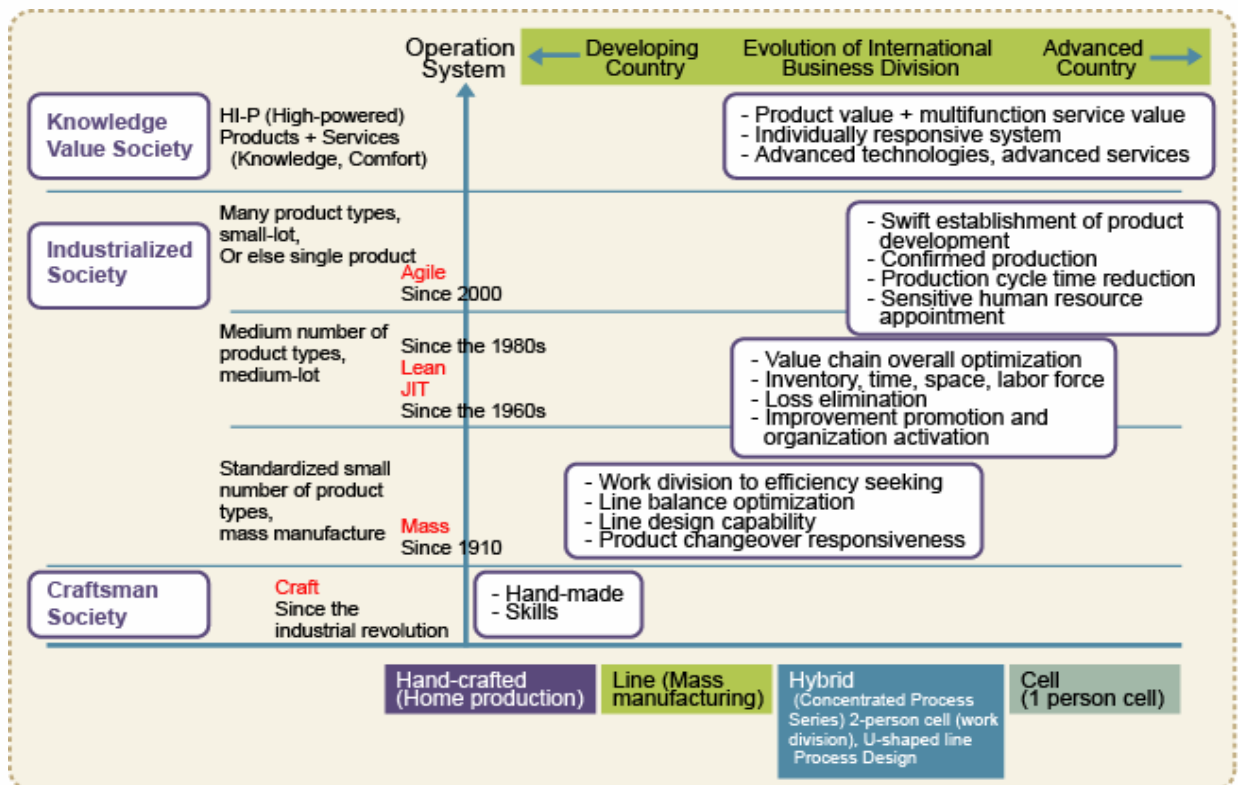
We don't know the optimum production system for our company

We've heard that cell production is effective, but we don't know how to implement it. Further, we don't know how to build the most appropriate production system for our products.

JMAC Concept

Definition and concepts of hybrid production

- ◆ The hybrid production system is the optimum production system that is well adapted to product characteristics, regional characteristics, and human resources. In other words, this is what combines line production with cell production.
- ◆ This system is one of JMAC's original techniques for realizing fuzzy production methods that are difficult to define.



Hybrid Production System-building Program

Realization of optimal production by combining line production and cell production

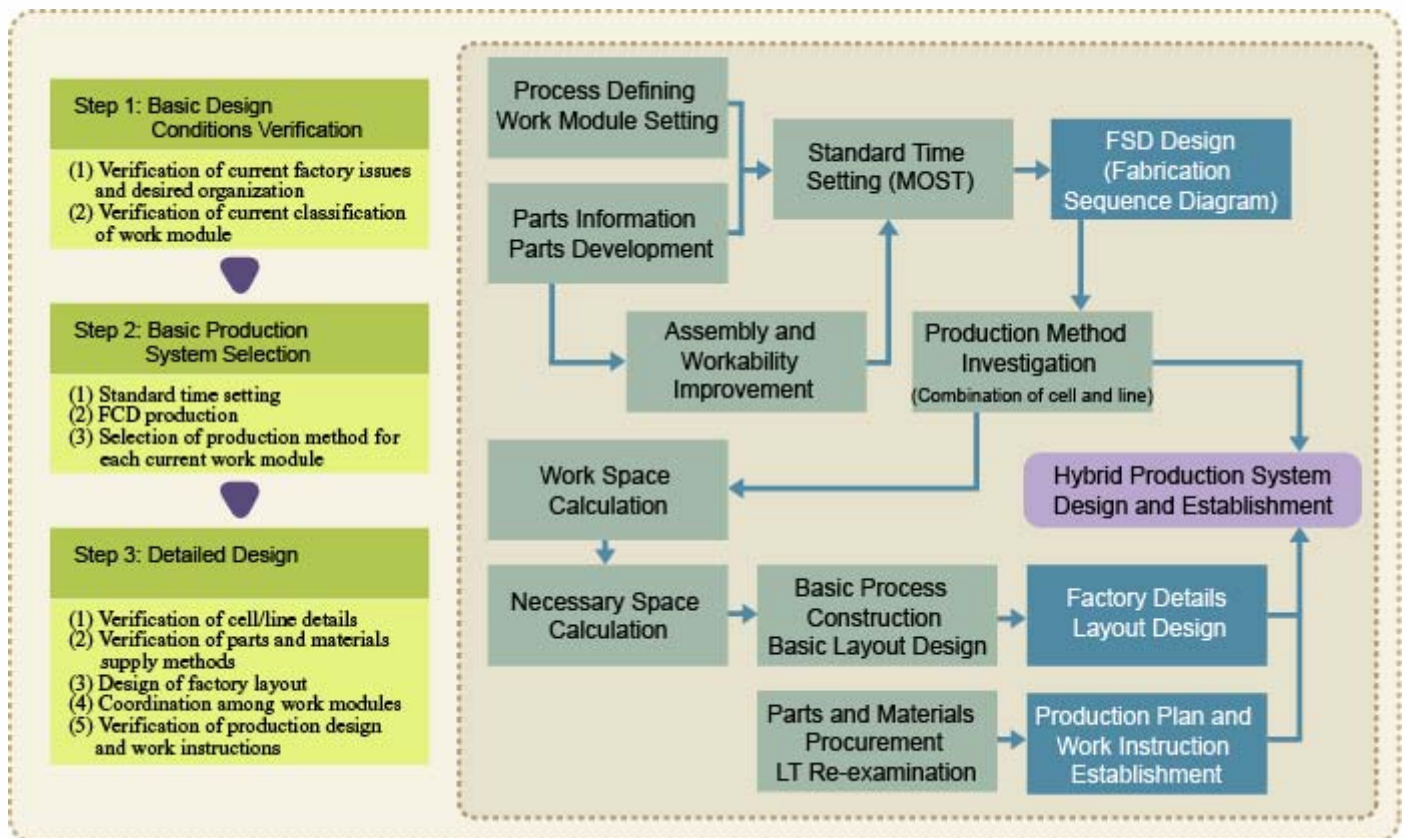
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Steps

Steps involved in hybrid production system-building

System development is based on these three steps:



JMAC Features

Building a hybrid production system using a step-by-step approach

Until now, a top-down approach has generally been adopted in which staff members have been left to carry out verification. This means that even after completion of the production system building, there are many defects and the system itself has to be changed each time. Accordingly, much time has to be spent until full accomplishment.

In order to solve these problems, the JMAC program covers all issues to be verified for completion of the hybrid production system, and leads to solutions with a step-by-step approach.