



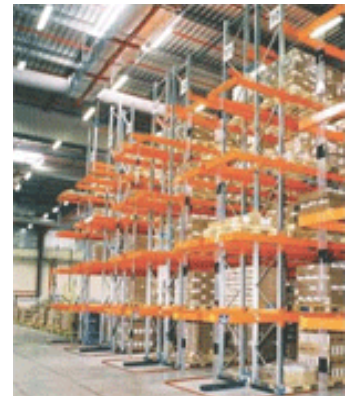
**Kanban
management:
Simplifying
operations
and inventory
management**

Kanban

In every industry, manufacturing businesses experience operations and inventory management problems.

It is difficult to forecast what, when and how much each production line station must output, especially while trying to consider clients' fluctuating demands. The consequences of this are costly:

- **Overproduction, which results in the misuse of your workforce and increased inventories.**
- **Late or insufficient production, which generates inventory shortages that will increase lead times and decrease productivity.**
- **Large inventory fluctuations, which result in the use of considerable floor space.**



Kanban operations and inventory management is particularly relevant for repetitive and fixed-quantity productions. Furthermore, it is an important, if not essential, complement to manufacturing management in a just-in-time context.

Kanban management is a simple approach that allows for:

- **Implementation of a communication network that clearly identifies what needs to be produced at each station according to demand**
- **Reduction and stabilization of the level of work-in-progress**
- **Optimization of workforce usage**
- **Reduction of manufacturing lead times**

