

Lean Principles Terminology

A **push system** aims to maximise the output of a process area, whether or not the output is required at that point in time by the customer. Push systems tend to generate excess inventory which then has to be expedited, managed and stored.

A **pull system** is one that is designed to make only what the customer requires, when they require it and in the exact quantity required. It is the opposite of a push system.

Takt time

Takt is German for rate or beat.



Takt time is the rate at which you need to produce products in order to satisfy customer demand. We can calculate it:

$$\text{Takt Time} = \text{Available Production Time} / \text{Customer Demand}$$

Order corruption is an activity which due to rules or procedures in operation, leads to an order being changed from its original customer state.