



## P-Glossary



### Jidoka

*Jidoka* means "autonomation" with a human touch. The term is often used in association with a quality control process of the Toyota's production system namely, lean manufacturing. *Jidoka* is one of the basic concepts of the Toyota Production System (TPS), whose main goal is to eliminate waste in the production system, with a view to streamlining the operation. Whilst being one of the tools for streamlining the operation, the concept of *Jidoka* proposes the importance of human elements and labour incentive of the workmen. Therefore, *Jidoka* is not merely about automation or mechanization, but "autonomation", with some human elements attached to it. For instance, mechanical operations are generally fraught with possible mistakes due to possible defection of machine, devoid of intelligence to detect and avoid it. Meanwhile, a machine can be said to be on *Jidoka*, if it is equipped with abilities and functions to detect and avoid such mechanical dysfunctions by itself. Hence, JIDOKA involves the automatic detection of errors or defects in the process of production.

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*See also: Just-in-Time; Toyota Production System*

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