



The Flexible Factory Services

1. Training / Seminars / Workshops:

The Flexible Factory for Managers

"Mini Workshop" for managers to introduce principles and the concept of The Flexible Factory.

Duration ½ day for management

Methodology of the Flexible Factory I

Basic Seminar for understanding the principles of lean manufacturing, supply chain management, Kanban, value stream mapping, Total Quality Management concepts etc. which are necessary for the transformation to a flexible lean organisation.

Duration 2 days for management and team members

Implementation of the Flexible Factory II

Tools and methods for the implementation and management of the flexible factory principles. Kanban and line design. FlowPro_II workshop

Duration 1.5 days for implementation team members

Planning, Scheduling and Control of the Flexible Factory

Methods and systems for management and controlling the Flexible Factory and the Supply Chain.

Duration 1 day for implementation team members and team leaders

FlowPro_II Workshop

Workshop for the handling of the FlowPro_II Software

Duration 1 day for implementation team members

2. Implementation:

Implementation projects in "the factory" normally are dimensioned so that they can be completed by the team within 100 days. Large projects are divided in 100 day increments after which results have to become visible. A "normal project" is completed in 5 phases:

Phase 1	Development of Masterplan	2 days
Phase 2	Marketing & Manufacturing Data collection	4-5 days
Phase 3	Data Analysis and Calculations	3-4 days
Phase 4	Design of new material and information flow,	4-5 days
Phase 5	Start of operations and fine tuning	2-3 days

Total implementation support for a defined project 15–19 days
(This varies by project and become less for subsequent projects)

The 100-day Program:

Week:	1	2	3	4	5	6	7	8	9	10	11	12	13	14
Phase 1	xx													
Phase 2		----		xxx										
Phase 3					----		xxx							
Phase 4								----	----		xxx			
Phase 5													----	xx

xx Project-phases 1-5

--- "Homework"

In general, an additional 25 to 40 man-days are needed by members of the project teams to do the "homework" between the phases. The amount of additional work greatly depends upon the availability of the necessary background data.

3. Type of Support and Cooperation:

We at J&P believe that the concept of the Flexible Factory has to become part of the company culture and needs to be continuously adapted to a changing environment. Every organisation should eventually develop its own expertise in the methodology and their own best way of achieving the best results. We will act as partners and coaches.

During the first project(s) we will train "Lean Champions" under real live conditions. These Lean Champions will gradually be responsible for spreading the methodology throughout the organisation. They will lead their own teams and teach others. The individual training needs for the Lean Champions will have to be defined.

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