



How to Design Your Production Line Lean and Intelligent? 如何让您的生产线精益化和智能化？

目标与内容 Objectives and Content

A Lean Line Design is one of the best systematical ways to streamline a process in order to remove waste. The aim is to redesign production and logistics so as to increase productivity and flexibility, as well as lowering the investment ratio, space requirements and through-put time. In Lean Line Design, ultimate workstation design tools and visual factory tools for line design as well as optimized material delivery are key contents. The intelligent tools will be introduced, which can automatically gather the data and make further analysis as well as actions.

精益生产线设计是最好的系统化方法之一，用以简化流程，消除浪费。这样做的目的是通过重新设计生产和物流，以便提高整体效率和灵活性，以及降低投资的比例，所需空间和缩短产出时间。在精益生产线设计中，工位设计工具和可视化工厂的工具以及优化的物料配送是关键内容。同时，智能工具将被引入，其可以自动地收集数据，并进行进一步的分析以及提供对策。

参加对象 Target Group

This seminar was not only devised for industrial engineer, production planning engineers and managers, but also for everyone who is interested in working in and further developing the fields of production, process or supplier improvement.

本次研讨会不仅适用于工业工程师，生产计划工程师和管理人员，同时也为有兴趣从事和进一步发展生产，加工或供应商改进等领域的人员。

大纲 Outline

- Business cases of Lean Line Design
- Problem statement from your side
- Initial calculation
- Assess current condition
 - a) Current layout
 - b) Process flow
 - c) Work distribution Diagram
- Developing operational flow version
- Line design (new: focus on operator flow)
 - a) Rough line concept
 - b) Detailing and finalizing the layout
 - c) Developing work distribution
- Pilot implementation at demonstration line.
- Standardized Work and CIP
- Story board - results summary
- Next step in own factory environment
- 精益生产线设计的案例
- 目前在你生产中存在的问题
- 初步计算
- 评估当前的状况
 - a) 当前布局
 - b) 工艺流程
 - c) 工作分布图
- 制定完整的操作流程
- 线体设计（新：基于操作流程）
 - a) 生产线粗设计
 - b) 详细设计和确定布局
 - c) 制定工作分配
- 在示范线进行试点实施
- 标准化工作和持续改善
- 成果总结
- 在自己工厂的下一步实施

日期 Schedule

March 24,
July 7,
November 3,
2017

价格 Price

Members:
RMB 2000
Non-members:
RMB 2500

Fee includes
lectures,
course
materials and
lunch.

包括会务，
资料费，午
餐费。

语言 Language
Chinese

地点 Venue: **Industry 4.0 Demonstration and Innovation Center, Room 1101, Building A, Wisdom Center, No.10 Moon Bay Road, Suzhou Industrial Park / 苏州工业园区月亮湾路 10 号慧湖大厦 A 座 1101 室中德工业 4.0 技术展示创新中心**