

Modernity and efficiency for the plant management
使工厂管理更有效率，更现代化

TIN PRO 专业管理软件



TinPro is the new integrated management software of I.C.S. aimed at monitoring and controlling all the activities, which daily occur inside the modern dyeing and finishing mills.

Thanks to the long experience of I.C.S. within the industrial sector of textile, TinPro is the best solution for managing the stock of dyestuff and auxiliaries in the plant, scheduling the batch preparation and dyeing dispositions, monitoring the cost of allocated dyestuff for any batch and assessing the production statistics.

As a consequence TinPro is a valuable tool for boosting up the production rate and ensuring the highest quality level of the outcomes.

MODERN

TinPro software meets the real needs of dyeing and finishing factory since it takes into account all the activities pertaining each areas of the plant: colorant stocking area, weight control of colorant for batch preparation, dyeing and batch disposition, registry of suppliers, reporting of all documents accompanying the finished fabric roll.

TinPro has been developed by adopting modern source code language, and Microsoft Access and Structural Query Language data-base are both available for any customer requirement.

EASY

Thanks to its user-friendly design and multi-language property, TinPro can be fruitfully utilized by non-skilled users.

It is the perfect aider for making the Italian art of fabric finishing unbeatable and well-known trademark in the world.

EXPANDABLE

TinPro is based on modular components in order to easily match with any customer exigence. TinPro has a default set of functions and can be enriched by adding more functionality on the same software installation.

TinPro is completely integrated with all the products of I.C.S. family:

Laboratory: ColorMatching TopDye, DOSOR-X, COLOR-X.

Dosing equipment: CHEMI-X, STORE-X, WCS Weight Control Software module.



TinPro是I.C.S.新的集成管理软件,旨在监测和控制染整工厂所有的日常活动。

基于ICS在纺织工业领域的长期经验, Tinpro为工厂管理提供了最好的解决方案来管理工厂染料和助剂库存, 制定生产计划和车间工艺, 监控染料成本和评估生产统计。

因此Tinpro在提高生产效率和保证生产质量方面是一个有价值的工具。

现代

Tinpro软件真正满足染整厂整个工艺流程: 染料的仓储区域, 大生产染料和助剂的重量控制、供应商登记, 所有文件报告等。

Tinpro已采用现代语言源程序, 和微软Access数据库和结构化查询语言都可用于客户的其他要求。

容易

由于其用户友好的设计和多语言的特性, Tinpro可以由非熟练用户快速的利用。

它是使织物整理不可战胜, 世界驰名商标的意大利艺术的完美助手。

可膨胀

Tinpro是基于模块化组件, 为了方便与客户的任何要求。Tinpro有一个默认的功能集, 并可以在同一个软件增加更多的功能。

Tinpro完全与所有ICS家族的所有产品整合:

实验室: 电脑配色系统TopDye, 自动滴液系统DOSOR-X
红外线小样机COLOR-X

称量设备: 全自动助剂称量系统CHEMI-X,全自动染料称量 STORE-X, 半自动重量控制模块





DYESTUFF STOCK

- Dyestuffs and auxiliaries code number definition.
- In/Out movements of products.
- Ordering of stocked products through supplier and product type criteria.
- Analysis and comparisons among alternative products.
- Stock valorisation with different prices (medium, standard, etc.) analysis.
- Chance to manage various suppliers for the same product.
- Chance to manage minimum amount of product.
- Procedure for managing the goods inventory.

ORDERS TO SUPPLIES

- Orders-to-suppliers management
- Integration with dyestuff stock
- Orders print out and actual situation
- Valorisation orders to suppliers.

RECIPE MANAGEMENT

- Memorization of approved batch-recipes in the data-base.
- Chance to duplicate recipe file.
- Management of the recipes and search per product, type of dyeing, composition.
- Management of the recipes in continuous and discontinuous.
- Search of recipes per client/article/color.
- Daily working plan.

STATISTICS AND COSTS

- Historical Baths
- Comparison between starting baths cost and definitive bath costs
- Production statistics per customer/article and per department/machine.
- Production statistics per dyeing method and color shade.
- Statistic of revised bathes.
- Cost analysis of color addition.

WEIGHT CONTROL

- This module WCS allows the user to manually dispense the powder dyestuff by utilizing two scales (with different max load and resolution) and a bar-code reader for easily identify the product from the rotary store and the amount to be dosed.



染料库存管理

- 染料和助剂定义
- 产品进出货管理
- 通过供应商和产品类型进行订单管理
- 替代产品的分析和比较
- 不同价格的库存价值（中等、标准等）分析。
- 可以管理同一产品的不同供应商
- 可以管理产品的最小库存
- 库存管理进程

供应商订单

- 供应商订单管理
- 关联染料库存
- 订单打印和实际完成情况
- 供应商的订单价值

工艺配方管理

- 通过数据库批量存储配方
- 可以复制配方文件
- 管理配方，通过产品，染色类型，组成搜索配方
- 可以管理连续和非连续配方
- 通过客户，产品，颜色搜索配方
- 制定日常工作计划

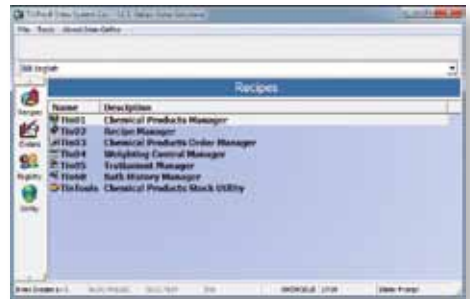
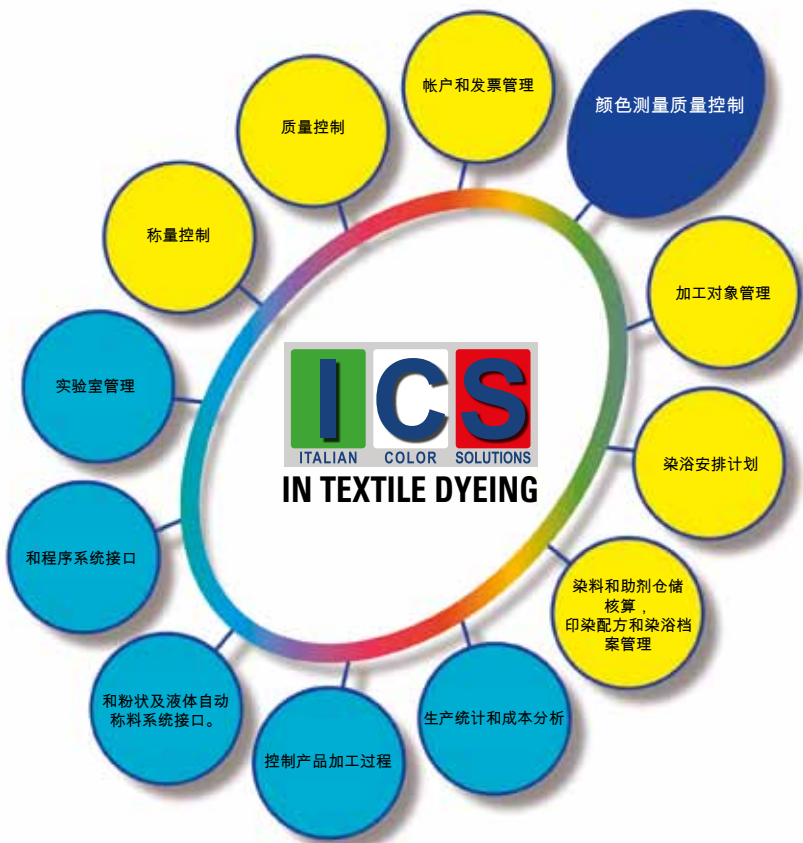
统计和成本

- 统计历史染缸
- 开始成本和最终成本的比较
- 每个客户/产品/部门/机器的生产统计
- 每种染色方法和颜色色光的生产统计
- 修色染缸的统计
- 修色追加成本分析

称量控制

- 重量控制模块允许用户通过两个天平（一个大量程，一个小量程）半自动称量粉状染料，条码器用来识别旋转仓库即将被称量的产品。





MAIN ADVANTAGES

Time-to-market is faster

Productivity is improved

Management costs are abated



主要优势

快速的市场反馈

提高生产效率

降低管理成本



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