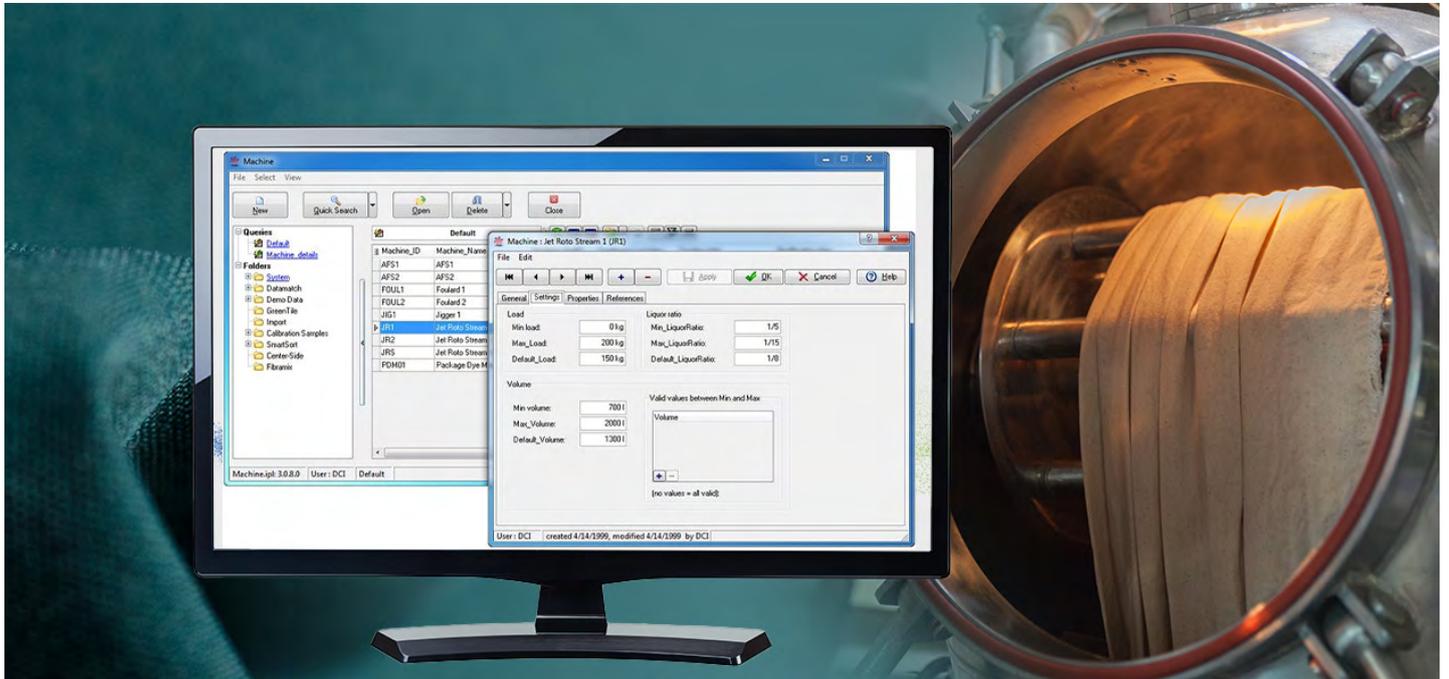


TICKET, WEIGH & PROCESS

Production Management & Recipe Optimization



The smart, easy and sustainable way to manage dyehouse production and optimize your finishing processes

- Reduction of production costs
- Quality improvements
- Incorporating dyers expertise
- Meeting ecological and efficiency demands
- Improved planning capabilities and cost analysis
- Avoiding dyeing errors
- Automated processes generation

Accurate color recipes and perfect Lab-Dips are just the starting point for perfect textile dyeing results. The real challenges are faced in the production environment. When all the right ingredients and optimal dyeing-process steps have to be chosen to ensure a bulk production, meeting all of the quality, cost and environmental needs without having to rely on individual experts know-how only.

Datacolor is offering the leading Production Management and Recipe Optimization Solutions to ensure that production costs are kept low without compromising on color quality or ecological demands. Make your choice from 3 powerful software applications, adapted to the different needs of modern dyehouses, to incorporate your dyer's expertise into a dynamic system that ensures the right product recipe and though optimal productivity and results.

TICKET

SUSTAINABLE RECIPE MANAGEMENT

Datacolor Ticket is an easy to use software package that allows you to record and manage your dyehouse production recipes. It gives you immediate access to all recipes, allowing you to easily create and calculate production dyelots, without the need for manual filing systems and calculations. Creating job tickets with Ticket is quicker and easier

FEATURES

Automatic accuracy

Ticket eliminates the potential for human error, provides you with a quicker and more reliable way of working, and ensures complete accuracy and repeatability of production recipes. It helps you manage all your dyeing procedures more precisely.

Competitive control

Datacolor Ticket includes the ability to check product stock levels, ensuring dyes and chemicals consumptions are correctly monitored. The graphical planning board gives an overview of all dyelots generated, delivering a higher level of control over production planning.

Sustainable solution

Datacolor Ticket can store ecological information about all the dyes and chemicals used, which are then applied to calculate the ecological impact of all recipes that are dyed.

How can Datacolor Ticket help dyehouses?

- Reduction of human errors
- Better cost control of recipes
- Environmental impact evaluation
- Better information on stock consumptions
- Easier visual overview of production schedule
- Link to Datacolor Match Textile
- Capability of linking to controlled weighing and production dispensers

WEIGH

SMART PRODUCTION WEIGHING

Measuring the correct quantity of dyestuffs and chemicals is essential for dyeing results that correlate with the predicted recipe. Transferring the information from an optimized production recipe into the color kitchen can be even more challenging. Datacolor WEIGH is intelligent software that understands the needs of workers in the production environment. The user is interactively guided through the entire weighing process and receives feedback from the connected scales.

Datacolor WEIGH is fully integrated with Datacolor's unique production recipe management systems, Datacolor PROCESS and Datacolor TICKET, to ensure the correct production recipes are made and stock information is always up-to-date.

FEATURES

- Customizable and easy to use
- Use of integrated database to avoid errors
- Large, easy to use function buttons
- Multiple user profiles
- Auto-selection of next job



PROCESS

TEXTILE PROCESS OPTIMIZATION

Datacolor Process is a sophisticated software system designed by dyers – for dyers. It records, compiles, controls and manages all the essential data associated with the entire dyehouse process.

FEATURES

Powerful Solutions for Competitive Performance

By applying historical dyeing information and definable rules, the Process system effectively and accurately manages and optimizes all associated processes and parameters streamlining your dyehouse process and eliminating human error.

Stay a Step Ahead

Today's successful dyehouses are efficient, adaptable agile and attentive to environment requirements. They need to apply up-to-date information with the expertise and experience gained from many years of delivering quality products to demanding customers.

What are the benefits?

Reliable Efficiency

As a powerful data management facility, Datacolor Process brings together your technical knowledge, the latest manufacturer's information, specific procedural requirements and production history to produce the best possible production recipes – quickly and accurately.

Environmental Impact Management

Highly efficient, optimized production procedures do not merely minimize costs, but also reduce consumption of water and energy, curb product wastage, and reduce overall emissions, such as carbon dioxide.

Balancing the Cost of Quality

High quality, cost control and productivity are all closely linked. Ensuring your processes are accurate, efficient and reliable will help minimize the cost of production, while still ensuring the required optimum level of quality. By providing management tools to eliminate inconsistency and enhance the application of your expertise, Datacolor Process puts you in complete control of the cost of quality.

Adaptability and Flexibly

Responding quickly and effectively to new market requirements is a vital part of running a competitive dyehouse. With the most up-to-date information at your fingertips at every stage of the process, you can meet the needs of demanding customers with confidence. Datacolor Process helps you manage and overcome the complexities involved in operating with such flexibility.

FEATURES COMPARISON	DATACOLOR TICKET	DATACOLOR PROCESS	DATACOLOR PROCESS^{PRO}
Data Management			
Folder structure	✓	✓	✓
Grouping function in lists	✓	✓	✓
Dyestuff data Management			
Input of dyestuff data and dyestuff exchange	✓	✓	✓
Automatic checking of dyestuff combinations	-	-	✓
Quality Management			
Input of quality, sub-groups and blends	✓	✓	✓
Input of quality specific correction factors, processes & parameters	-	✓	✓
Input of quality specific auxiliaries and quality level support	-	-	✓
Color Management (standards/references)			
Production History for each color and recipe history with pass/fail data	✓	✓	✓
Customer Management			
Input of customer data and listing of customer specific colors	✓	✓	✓
Recipe Management			
Storage of recipe status, and search via different criteria	✓	✓	✓
Automatic recipe update by change of dyestuff concentration	✓	✓	✓
Recipe evaluation based on process costs	-	-	✓
Relative additions of dyestuff concentrations	✓	✓	✓
Default recipe parameters	-	-	✓
Recipe templates (sup operations and dyestuff placeholders)	-	✓	✓
Process Management			
Creation of modular production recipes	-	✓	✓
Handling of exhaust continuous and semi-continuous processes	-	✓	✓
Specific linked processes for production adds and re-dyes	-	✓	✓
Input of customer specific processes (e.g.: add washing for customer xy)	-	-	✓
Automatic operation selection through defined rules: if-then-else rules	-	✓	✓

FEATURES COMPARISON	DATACOLOR TICKET	DATACOLOR PROCESS	DATACOLOR PROCESS ^{PRO}
Production Management			
Batch ticketing (Advanced with additional information and expert with process times/curves)	-	✓	✓
Calculation of chemical /dye quantities for the dye kitchen	✓	✓	✓
Selection of dyeing machine based on machine parameters	✓	✓	✓
Lot-specific production parameter (e.g.: additional auxiliaries, specific start temperature)	-	-	✓
Chemicals and parameters can be adapted for each production lot	✓	✓	✓
History of production lots	✓	✓	✓
History of production adds	-	✓	✓
Production cost calculation incl.: dyestuffs, chemicals and process cost	-	-	✓
Machine Management			
Advanced Machine management option with min / max. load, liquor ratio, etc.	✓	✓	✓
Advanced formulas			
Advanced formulas like 'In Case of', 'Table',...	-	✓	✓
Expert Functions	-	✓	✓
Inventory: Basic Functions	✓	✓	✓
Delivery and Reservation Option	-	-	✓
Report Explorer: Report Editor	-	-	✓
Recipe/dyelot Form Customization	-	✓	✓
User query and data Export to Text, HTML, EXCEL and xml	-	-	✓
Dyeorder: Group/Split orders into dyelots with the same recipe	-	-	✓
Graphical Planboard	✓	✓	✓
Datacolor WEIGH controlled weighing option	-	optional	optional
Integration with ERP/Host, Dye Machine supervisor or production dispenser	-	optional	optional

System requirements

Component	Recommended
Operating System	Windows 10 and 11 (Pro or Enterprise Only)
Required Framework	Microsoft .NET Framework 4.7.2 or higher
Processor	Dual Core or higher (See Windows Operating System Requirements)
Memory	8 GB or more
Hard drive	500 GB
Display	1920x1080 - size of text only 100% supported
Graphic card	Graphic card supporting OpenGL 2.1
Connections	Serial, USB, Bluetooth or Ethernet (Depending on spectrophotometer model)
Server OS	Windows Server 2016, 2019, 2022
Additional Requirements	SQL Server 2012 to 2019
Internet Connection	Internet access recommended for software updates and license activation

Note: Lower system configurations may limit performance, data capacity and operation of some features. Faster processor, more memory and faster hard drives will significantly enhance performance.

For more information, please visit www.datacolor.com/process-and-ticket