



The recipe for lean logistics

GSE *Dispensing*



Smart (th)inking



Easy access to key components

The Colorsat® Compact offers a modular, and refreshingly affordable approach to ink management for the wall covering and packaging printer.

From a standard specification, which gives access to precise, high speed dispensing, the high version of the Compact offers a host of optional extra functionalities, so you can upgrade the system as your business grows.

The system accommodates any number of ink barrels and/or containers up to 32. Upgrading the system with additional software modules offers extra timesaving benefits. Overall, you have the freedom to choose the specification, tailored to your budget, production runs and market conditions. Whatever

specification you choose, the Compact includes a host of new features that make it easier to handle, maintain and clean.

Fast installation

We are committed to helping you reach full productivity in as short a time as possible. That's why we make our systems so easy to install. The Compact features a modular flexible tray design for pumps and hoses, improved drum connections and a software configuration wizard. With a trained GSE engineer to set your system up and provide full training, your Compact is fully operational in just four days.

Simple operation

Built on GSE's proven ink dispensing technology, the Compact gives you ultimate reliability, speed and accuracy. Excellent flow dynamics mean a 175 kg (~ 385 lbs) four-colour batch is ready in just ten minutes, making it the fastest machine on the market. And with minimal manual input required, running the system could not be more straightforward.

Easy to clean and maintain

The Compact is easy to clean, helping reduce downtime and minimise the chance of disrupted ink flow.

Handy features include a new combined wet and dry cleaning unit and a stainless steel dispense area. With a minimum of moving parts and easy access to key components, maintaining the Compact could not be simpler.

A connection for remote access links your system with our helpdesk, for quick analysis of the system's database and machine status. With GSE's technical support to provide constant back up and know-how, your ink logistics are always in safe hands.





Modular, flexible tray for pumps and hoses



Conveyor system for dispensing smaller batches

Advanced user-friendly software

All GSE systems are powered by GSE Ink manager software. GSE Ink manager ensures all users achieve the most challenging recipes, exacting specifications and competitive speeds, without problems. But upgrading the system with extra GSE software modules offers extra benefits such as improved article and stock management features. All system users who subscribe to a support contract benefit from free software updates as soon as they become available.

Specification

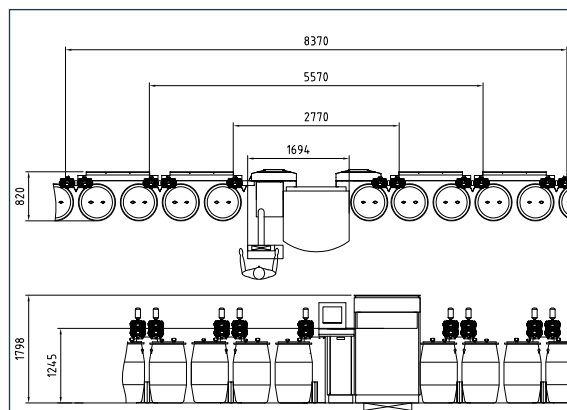
The high version of the Colorsat Compact is designed for fully automated and computerised dispensing of production batches of up to 250 kg (~ 550 lbs) gross. Two models are available for either solvent-based or water-based inks.

General technical data

- Max 34 components (32 ink components and 2 on/off valves for water or solvents)
- Diaphragm pumps with smooth flow pulsation dampers
- Gross 300 kg (~ 660 lbs) scale with 1 gram (0.002 lbs) readability
- Stainless steel 18/5 dispensing valves with re-circulation
- Combined wet and dry automatic valve cleaning
- Modular pump frame and hose tray
- Modular dispense control console including LED colour screen, PC, keyboard and mouse
- Connection for remote access
- Inkjet printer
- GSE Ink manager software

General specifications

- Viscosity: max 560 mPas (560 cP)
- Dispense accuracy: relative = 1%, absolute = 1 gram (0.002 lbs)
- Dispensing speed: faster than ten minutes for a recipe of 175 kg with 4 components



Colorsat Compact example lay-out

Hardware options

- Additional ink or varnish component for an open-top storage drum of 200 litres (50 Gallons)
- Additional on/off valve for water or solvent
- Additional in-line filter unit
- Container connection for 1.000 litres (250 Gallons) IBC
- Gross 600 kg (~ 1320 lbs) scale with 2 gram (0.004 lbs) readability
- Sample unit for small batch dispensing
- Basic spare parts
- Manual conveyor system
- Colormix mixer (manual, automatic, semi-automatic)
- Colorclean drum or bucket washer
- Barcode package (bar code scanner and thermal printer)
- Additional supervisor's station
- Smart UPS (Uninterruptible Power Supply)

Software and support options

- GSE Article management
- GSE Colour connect
- GSE MIS connect
- GSE Advanced reporting
- GSE Mobile operations
- GSE Advanced operations
- Remote support contract
- Support and maintenance contract

GSE Dispensing

GSE delivers robust, fast and smart dispensing equipment, software and services to minimise ink-related waste in the printing workflow. The company is based in the Netherlands, with its subsidiary GSE Dispensing Inc. in Charlotte (NC), U.S.A.

Over the years, we have gained a strong position in the market, combining highly sophisticated gravimetric dispensing systems with a global network of service representatives and agents on six continents. With more than 40 years' experience in the graphics, textile and coating industry, we have an installed base of 1700 automatic dispensers worldwide.

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