



Become the perfect match  
for your customer's needs

# Do your ink room a favour

When it comes to user-friendly design and quality in equipping your ink room, do not make any compromises. Rely on the equipment that gives you the best in state-of-the-art technology: the Colorsat Match. The Colorsat Match sets the new standard in dispensing for users of relatively low ink volumes. It is specifically designed for dispensing production batches of UV-curing and water-based printing ink into 5-litre (~ 1 Gallons) buckets. The advantages are huge:

- spot on colour accuracy
- ergonomic design features
- easy self-installation
- simple operation
- flexible arrangement of system and optional storage drums
- low maintenance

## Easy 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. Filling and connecting



the base inks takes minimum time. The modular software is easy to configure. With a trained GSE engineer to set your system up and provide full training, your Match is fully operational in just two days

## Simple to operate and maintain

Standard feature includes an innovative integrated design of a storage tank for base inks, an air-driven diaphragm pump with a circulation unit and an air bubble mixer. The removable plane table on the top of the system allows plenty of working space as well as easy access to key components for maintenance. The internal storage tanks are easy to manoeuvre and refill, while their layout gives a space-saving small footprint. The system can be extended with up to twenty components (using internal tanks and/or external connections for buckets or drums). The external connections for high volume components include diaphragm pumps and a modular hose-rack stand for in-line and wall-layout options.

With only a sliding weighing scale as a moving part, Match is very easy to maintain. The scale allows easy positioning, filling and removing of the buckets, at an ergonomically designed working height.





## Advanced user friendly software

With its proprietary Windows-based GSE Ink manager software, Colorsat Match makes precise formulations. With GSE Ink manager, the printer can deliver the most challenging of colours to brand owners' exacting specifications, and at extremely competitive speeds. Typically, a 5 kg (11 lbs) recipe formed out of four components is dispensed in less than five minutes.

Furthermore, the software calculates wherever possible, surplus ink formulations from previous jobs ('press-returns') into new recipes – a complex task when recipes are prepared manually. It also saves the need to manually update ink return-stocks. Upgrading the system with extra GSE software modules offers extra benefits such as improved article and stock management features.

An additional feature is a built-in diagnostics programme, allowing GSE's helpdesk to quickly analyse the system's database and overall machine status.

## Specification

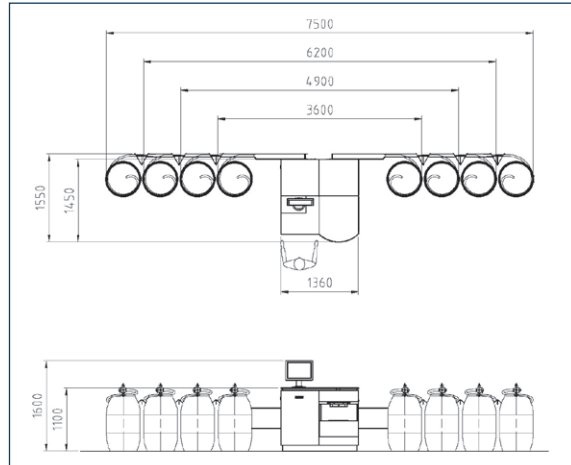
The Colorsat Match is designed for dispensing production batches of up to 10 kg (~22 lbs) of UV-curing and water-based inks.

### General technical data

- Max 20 ink components
- Air-driven diaphragm pump with circulation units
- Internal storage tanks with air bubble mixer: ten with a 20-litre (~ 5 Gallons) capacity, a further two with a 40-litre (~ 10 Gallons) capacity
- 15 kg (~ 33 lbs) scale with 1 gram (0.002 lbs) readability
- Scale slide unit for easily adding return inks and manual components
- Stainless steel dispensing valves
- Combined wet and dry automatic valve cleaning
- LED colour screen, PC, keyboard and mouse
- Inkjet printer
- Connection for remote access
- GSE Ink manager software



Internal storage tank



Colorsat Match example lay-out

### General specifications

- Viscosity: up to 2500 mPas (2500 cP)
- Dispense accuracy:  $\pm 1$  gram (0.002 lbs)
- Dispensing speed: 4-5 minutes for a recipe of 5 kg (~11 lbs) with 4 components

### Hardware options

- Low volume component (internal 20 litres / 5 Gallons tank)
- High volume component (external connection for storage buckets or drums)
- Spare parts
- Dispense accuracy of  $\pm 0.1$  gram (0.0002 lbs)
- Turn table to dispense in small openings, diameter > 25 mm / ~ 1 inch (e.g. jugs) (e.g. jugs)
- Barcode package (barcode scanner and thermal printer)
- UPS (Uninterruptible Power Supply)

### Software and service 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.

For further information, please contact us:

Email: [info@gsedispensing.com](mailto:info@gsedispensing.com)

Web: [www.gsedispensing.com](http://www.gsedispensing.com)

## **The Netherlands**

GSE B.V.

Mercuriusweg 17

6971 GV Brummen

Phone: +31 (0) 575 - 56 80 80

Fax: +31 (0) 575 - 56 80 90

The Netherlands

## **U.S.A.**

GSE Dispensing Inc.

3201 Rotary Drive

Charlotte, NC 28269

Phone: +1 (704) 509 - 26 51

Fax: +1 (704) 509 - 26 52

U.S.A.

