



**The affordable approach to  
your ink management**

**GSE** *Dispensing*

# Do your ink room a favour

The Colorsat Slim revolutionised the printing industry, by offering the first affordable 'plug and play' ink dispenser for the paper, board and flexible packaging converter. It is specifically designed for dispensing production batches of water-based and solvent-based printing ink into 25-litre (~ 6,5 gallon) buckets. The advantages are huge:

- easy self-installation
- simple operation
- flexible arrangement of system and storage drums
- low maintenance

## Easy installation

The unique 'plug and play' concept enable the system to be installed easily, without the help of a GSE Dispensing technician. The system can be installed as an in-line as well as a wall configuration. The modular racks for pumps and hoses can easily be clicked together. Connection of base inks requires little time and effort. No specific knowledge is needed on aspects like technology of inks and colours.

A set up wizard will guide you step-by-step through the software configuration process, and will adjust and optimize the system performance. Using the tools supplied, the system is operational within a day.

## Simple to operate and maintain

Built on GSE's proven ink dispensing technology, the Slim gives you ultimate reliability, speed and accuracy. Typically, a 20 kg (~ 44 lbs) four-colour recipe is dispensed in less than five minutes. Main feature of the system is its simplicity. There are hardly any moving parts, resulting in minimum maintenance. The only moving part is the slide scale, for easy positioning empty buckets, adding press return inks and manual components and removing full buckets. When moving the scale, the integrated cleaner will wipe the valves automatically. 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.





### Advanced user friendly software

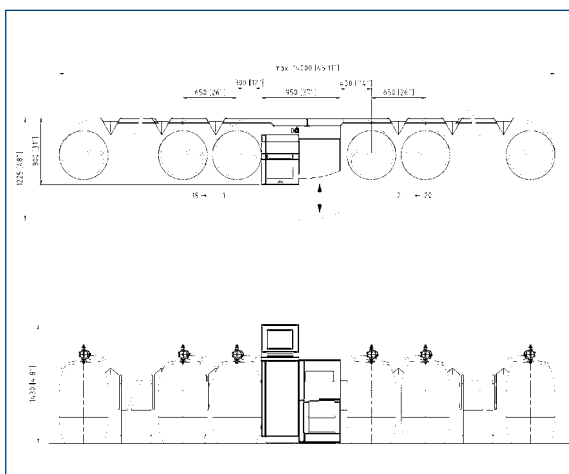
All GSE systems are powered by IMS® ink management software. Recipes of production colours are entered into the database only once, and are directly available. The only necessary input to make a batch is the weight. Already at entry of the weight, IMS will prompt for available returns. An upgrade to the IMS Premium package offers extra benefits such as improved order and stock management features.

### Specification

The Colorsat Slim is designed for fully automatic and computerized dispensing of dispensing production batches of up to 25 kg (~55 lbs) gross. Two models are available for either solvent-based or water-based inks.

### General technical data

- Max 20 ink components
- Diaphragm pumps with smooth flow pulsation dampers
- 35 kg (~77 lbs) scale with 2 gram (0.004 lbs) readability
- Scale slide unit for easily adding return inks and manual components
- Stainless steel 316 dispensing valves
- Automatic valve cleaning
- Modular rack stand for pumps and hoses
- TFT colour screen, PC, keyboard and mouse
- Inkjet printer
- Connection for remote access
- IMS ink management software



Colorsat Slim example lay-out



Pumps and pump frames



Sliding weighing scale

### General specifications

- Viscosity: max 120 sec Din Cup 4 (560 mPas)
- Dispense accuracy inks and bases  $\pm 2$  gram (0.004 lbs), water and solvents  $\pm 5$  gram (0.01 lbs)
- Dispensing speed: 4-5 minutes for a recipe of 20 kg (~ 44 lbs) with 4 components

### Options

The Colorsat Slim can be adapted with several general options:

- Spare parts
- IMS Premium package
- IMS Logistics
- Barcode package (barcode scanner and thermal printer)
- Connection with a colour formulation system
- Suction cages
- UPS (Uninterruptible Power Supply)
- ERP connection
- Installation by a GSE Dispensing engineer
- Remote support contract
- Support and maintenance contract

# GSE Dispensing

GSE Dispensing is the world leader of gravimetric dispensing solutions for the graphics, textile and coating markets. With more than 35 years experience in the industry, the company has an installed base of 1400 systems worldwide.

GSE Dispensing has a team of highly trained technical staff, backed up by a global network of service representatives and distribution agencies on six continents.

The company is based in the Netherlands, with its subsidiary GSE Dispensing Inc. in Charlotte (NC), U.S.A.

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