



**The affordable approach to  
lean ink management**

**GSE** *Dispensing*

# Do your ink room a favour

The Colorsat® Slim revolutionised the printing industry, by offering the first affordable 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:

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

## 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 Slim features a modular flexible frame design for hoses, improved pump units and a software configuration wizard. With a trained GSE engineer to set your system up and provide full training, your Slim is fully operational in just two days.

## Simple operation

Built on GSE's proven ink dispensing technology, the Slim gives you ultimate reliability, speed and accuracy. Excellent flow dynamics mean a four-colour recipe is ready in just four minutes. The sliding weighing tray allows easy placing, filling and removing of ink buckets up to 470 mm height. And hoses connections feature quick couplers, for fast, clean, drip-free exchange of ink barrels.



Pumps and modular hose frames

## Easy to clean and maintain

The Slim is easy to clean, helping reduce down-time 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 Slim 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.

## 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. All system users who subscribe to a service contract benefit from free software updates as soon as they become available.





Sliding weighing tray



Ex-proof execution for solvent-based inks

## Specification

The Colorsat Slim is designed for fully automatic and computerised dispensing of 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) weighing unit with 1 gram (0.002 lbs) readability
- Sliding weighing tray for easily adding return inks and manual components
- Stainless steel 316 dispensing valves
- Combined wet and dry automatic valve cleaning
- Modular rack stand for pumps and hoses
- Modular dispense control console including TFT colour screen, PC, keyboard and mouse
- Inkjet printer
- Connection for remote access
- IMS ink management software

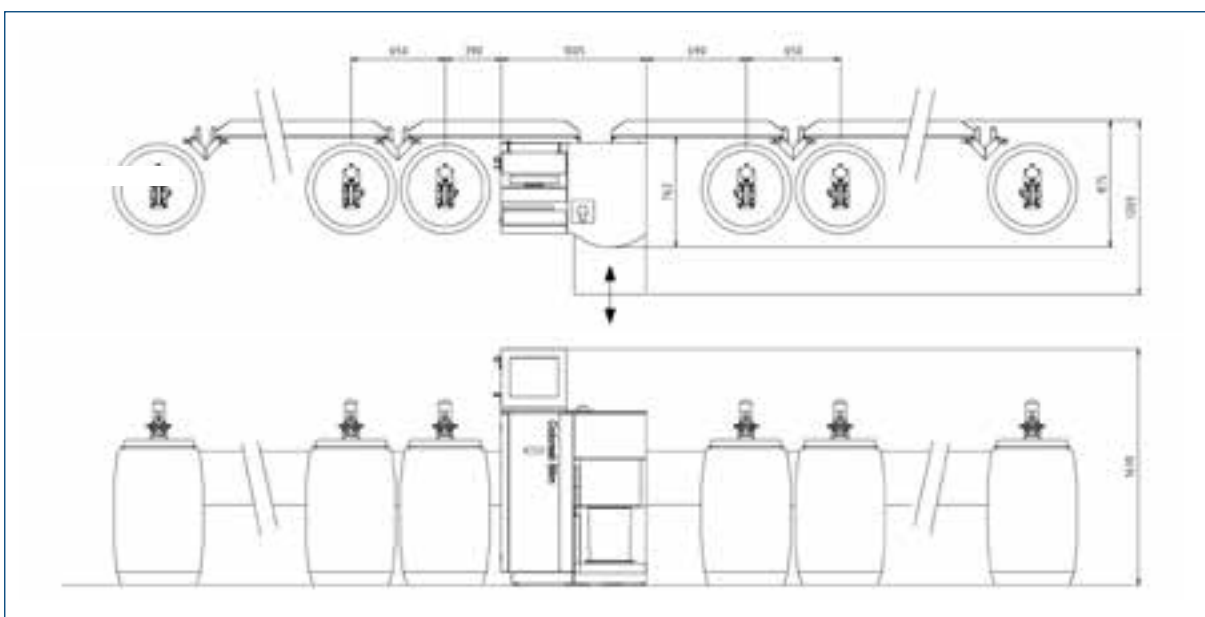
### General specifications

- Viscosity: max 120 sec Din Cup 4 (560 mPas)
- Dispense accuracy inks and bases  $\pm 1$  gram (0.002 lbs), water and solvents  $\pm 5$  gram (0.01 lbs)
- Dispensing speed: faster than 4 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
- Smart UPS (Uninterruptible Power Supply)
- ERP connection
- Remote support contract
- Support and maintenance contract



Colorsat Slim example lay-out

# 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 1600 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.

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.

