



**Streamline your ink processes
when space is tight**

Do your ink room a favour



Easy refilling of ink containers

The Colorsat Match automatic ink dispenser sets the standard for assuring repeatable colour accuracy in label and narrow web printing, when floor space is limited. With a modular design including easily accessible, refillable base components and an integrated worktop, the Match blends UV and water-based spot colours fast, accurately and productively within a small footprint.

- Space-saving small footprint
- Plenty of working space
- Easy refilling of ink containers

Space-saving footprint

With a maximum of 20 base components, the Colorsat Match is the key to efficiently preparing brand colours in small batches - when there's little room or time to spare.

Ideal for label and narrow web applications, the Match dispenses production batches of UV- or LED-curing and water-based printing ink into 5-litre (~1-gallon) buckets.

Easy refilling of ink containers

With 12 storage containers for base inks and varnishes, integrated within the casing of the dispenser, it offers precision blending within a small footprint. The base containers - 10 with a 20-litre volume, two holding up to 40 litres - are easy to access, manoeuvre and refill, keeping maintenance times to a minimum.

Tabletop for extra working space

On top of the system, a table with removable plane provides extra working space for value-adding make-ready tasks - so you're better placed to keep your ink kitchen organised and productive.

Modular, extendible build

Thanks to its modular design, the system may be extended with additional components - customised to requirements. These can be both internal tanks as well as externally connected buckets and drums. External connections for high-volume components include diaphragm pumps and a modular hose-rack stand for in-line and wall-layout options.





Dispensing in small openings with optional turning table



Internal storage tank

Advanced user-friendly software automates processes

The Colorsat Match is powered by GSE Ink manager – a multifunctional software suite with optional programs for automating, simplifying and speeding up ink-related processes throughout the print workflow.

Specification

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

General technical data

- Max 20 ink components
- Air-driven diaphragm pump with circulation units
- Ten internal storage tanks with a 20-litre (~ 5 Gallon) capacity, a further two with a 40-litre (~ 10 Gallon) capacity
- 15 kg (~ 33 lb) scale with 1 gram (0.002 lb) 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
- Connection for remote access
- GSE Ink manager software

General specifications

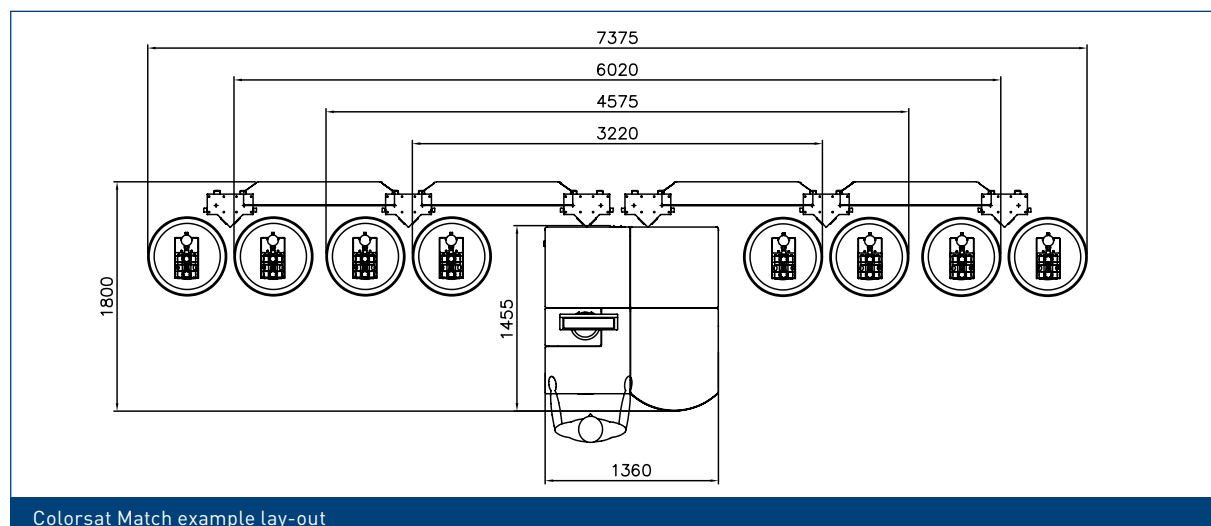
- Viscosity: up to 2500 mPas (2500 cP)
- Dispense accuracy: ± 1 gram (0.002 lb)
- Dispensing speed: 4-5 minutes for a recipe of 5 kg (~11 lb) with 4 components

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 ± 0.1 gram (0.0002 lb)
- Turntable to dispense in small openings, diameter > 25 mm / ~ 1 inch (e.g. jugs)
- Barcode reader
- Label printer
- Smart UPS (Uninterruptible Power Supply)

Software and service options

- GSE Return ink management
- GSE Traceability
- GSE Order management
- GSE Article management
- GSE Colour connect
- GSE MIS connect
- GSE Advanced reporting
- GSE Advanced logistics
- GSE Hazard symbol printing
- Remote support contract
- Support and service contract



Colorsat Match example lay-out

GSE Dispensing

GSE delivers robust, fast and smart dispensing equipment, software and services to minimize ink-related wastes in the printing workflow. The company is based in the Netherlands.

With more than 45 years of experience in the graphics, textile and coating industry, we have an installed base of more than 2,200 automatic dispensers and software packages at factories in 90 countries. We are supported by a global network of sales, service and supply chain partners.

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