



Mr. Klein-Hitpaß, plant manager Grenzlandfärberei:

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Smooth production workflow and quality consistency



Base colours

Textile finisher Grenzlandfärberei Geuting GmbH & Ko. KG, of Bocholt, Germany, has enjoyed improved paste yields, higher productivity and reduced overheads after installing an IPS delta dispenser from the Dutch company GSE Dispensing.

Before the installation, the family-owned company, which supplies markets such as apparel, sportswear, bedding and events, prepared all its colours manually. This was slow, not fully reproducible and took up excessive floor space. Above all, with many short runs to deliver – including trial runs in the 100 m to 700 m range – there was much pressure on the team of six mixers to get the paste to the press in time for the job to start.

Featuring a maximum of 32 base colours, GSE's IPS delta is a fully computerised gravimetric dispensing system, using high powered software, and is linked to several barrels of base colours. Recipes are prepared in a few minutes, so there is no chance of delays. Moreover, colours are mixed with precision, in terms of quality, and to exact volume requirements.

A special software program, TMS (textile management) software, is included in the dispenser, so Grenzlandfärberei can store an unlimited number of paste recipes and recall them simply by touching the terminal screen. Other functions include incorporating surplus 'press return' paste quantities from previous jobs into new recipes, monitoring of stock levels, and automatic repurchasing of pastes, once stocks fall below specified replenishment levels.

Now, Grenzlandfärberei just has one employee preparing paste. Orders are scheduled as and when they are needed. Large orders are part-dispensed on a just-in-time basis, rather than all in one go. This, in turn, means stock levels can be minimised. The number of paste barrels in circulation has dropped from 150 to just 30.

Mr. Klein-Hitpaß, plant manager, concludes: "Overall we are impressed with the highly efficient functioning, user-friendliness and simplicity of the system, and the fact that it brings order and tidiness to our shop-floor. These factors are just as important as simply the price of a new piece of equipment. All the factors must fit together, like a jigsaw. In the case of the IPS system, they did, and we went for it – a decision we are very glad we made."



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