

It's a hard life

New Narrow Web hard method Embossing System from Eskay

Eskay Holographics, manufacturers of hologram embossing equipment have introduced a new range of narrow web machines to complement their larger, wider web equipment. These models are referred to as the HSK310H and the HSK310HE.

"After the successful introduction and sales of our wide web hard embossing system and due to client interest we have successfully introduced a narrow web system of the same method into our range of processing systems for the holographic industry, this will run at 12" or 305mm." said Steve Kyle, owner and Director of the Company.

The terminology used nowadays for such a system is as a hard embossing system i.e. using steel pressure rollers for the embossing process or semi hard which is using compliant surface pressure rollers.

"This system is built as all our other embossing systems in partnership with Henderson Engineering to the same high standards we use in our manufacturing, be it a narrow web hard embosser, or a custom 1.8 metre wide dual

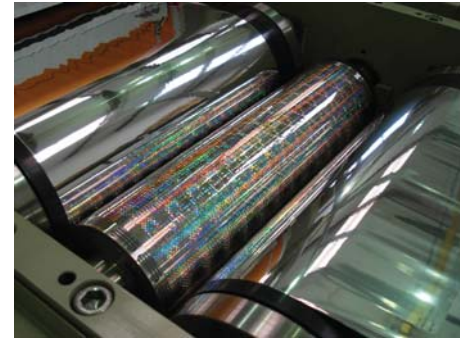
embossing system". He added.

The system is a twin hit, panel to panel embossing machine that employs the same semi-rotary method as the wide web hard embosser comprising of the following features and specification. All controls are on a finger touch screen which is on a moveable mount for operative ergonomics. The client has the option to use hardened steel or compliant pressure rollers which are interchangeable between the types as and when required.

In addition since the recent introduction of the HSK310 the Company has developed a heated magnetic die roller system which is ideal for use with the compliant embossing rollers and can allow for 360° fully rotary embossing or the twin hit method as may be required. This removes the need for clamping of the shim if using fully rotary and shim changeover is obviously very fast and simplified.

All these roller methods are simply interchangeable and down time for changeover is said to be minimal.

Eskay have also recently developed a modular UV coating and curing embossing head which



Magnetic cylinder on HSK310H

will integrate and fit onto the HSK310 utilising the unwind and rewind and tension controls and having integral electronics of the operation of this UV module. This has been proven off line and they are now currently building a demo system of this and an in house HSK310 machine with all above options to demonstrate and carry out tests for clients.

"The current success of the HSK310 means as far as we have been building the intended demo unit they have been selling, so we are about 16 weeks away from having a working model to demonstrate on site of this UV module." Steve concluded.

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Turning over a new page

LaserCard Corporation Announces First Order for High Durability Laser Engravable Passport Data Page

A leading supplier of secure ID credentials used in biometric identification, LaserCard Corporation has announced receipt by its German subsidiary, Challenge Card Design GmbH, of a purchase order for secure laser engravable passport data pages. This \$100,000 order is the first order received for this new product.

The passport data page manufactured by Challenge Card Design features a unique hinge system designed to maximize

durability when polycarbonate pages are incorporated into a passport. The passport issuer will laser engrave state-of-the-art security features as well as the passport holder's photo, demographics and ICAO-compliant machine readable zone data onto the data page. The Company is also bidding for the data page including an ICAO standard 72KB IC chip for e-passport applications.

"We are excited about this new business line that leverages our industry-recognized expertise in manufacturing many types of

specialty plastic cards using various materials for customer-specific solutions," said Werner Janssen, Managing Director of Challenge Card Design located in Rastede, Germany. "We expect this product line to grow over the coming year and become a significant source of revenue augmenting our specialty cards and printers operations," continued Mr. Janssen.

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