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The robot does it all!

Ambitious, indeed. For the first time as far as Imaje is concerned, a robotic inkjet printer was coupled with a plastic injection molder. The robot inserts the printer head between the faces of the Battenfeld dies, prints the size on to the clip while it is still in the tool and retracts the printer head. All this in less than 5 seconds! The printing is done in two passes, one on the way up and one on the way down. Imaje devised a customized solution on its S4 Plus bending the printer head to fit between the tool faces and modifying the software. The robot was built by Azar Engineering in Auckland.

User- and customer-friendly.

"The result is superb", said Prendergast. The printing is sharp and easy to read from a distance.

The clips look much classier than the previous versions. "The solution helped increase throughput and operational flexibility. Indeed, the earlier embossed clips required frequent tool changes and long set-ups to switch sizes. Now, changing the sizes on the new clips is simply a matter of punching in new figures on the Imaje console. The system is much faster and easier to operate. And maintenance only requires topping up the consumables tank with ink and periodic cleaning of the head with a solution provided by Imaje. The Imaje system has been integrated in the machine remarkably well and to an untrained eye, it appears to be part of the original machine," added Prendergast. "We're supplying our customers with exactly what they want," he concluded.

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- **Name** The Hanger Company.
Based in Penrose, New-Zealand.
Manufacture clothing hangers for a number of large retail stores including the Warehouse and Farmers.
- **Field of activity** Plastic molding injection industry.
- **Founded in** 1983
- **Number of employees** 70



A world first.



Quality of print.



Faster, easier to run, low maintenance.



Customer satisfaction.



A DOVER COMPANY

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