

768Jet Printhead Milestone: 10 Years of Superior Print & Cost Savings

(May 13, 2013) Connecticut, USA. —It has been ten years since the 768Jet was first sold, offering several unique printing features for carton marking and coding, lumber marking, plasterboard marking and numerous other printing and coating applications.

Market Acceptance – Trident is pleased to report that market reaction to the 768Jet’s main product features - market-leading print height, repairability and durability - has been exceptional. *Thousands of 768Jet printheads have been sold.*

Print Height – Brand owners have responded enthusiastically to the market-leading four inch (100mm) print height. In addition to providing visually impactful graphics and crisp barcodes and alphanumerics, the tall print height has also generated significant cost savings for users who have been able to replace multiple smaller printheads with a single 768Jet.

Repairability – Also receiving rave reviews is another characteristic that makes the 768Jet unique in the market- its repairable design. For years, brands struggled with reliability issues related to tiny inkjet nozzles (half the diameter of a single human hair) becoming clogged by dust and debris generated from substrates moving close to the printhead at high speeds. Thanks to the 768Jet’s repairable design, the nozzle plate can be disassembled, cleaned and reassembled, ensuring reliable high-quality print and further cost savings compared to disposable printheads.

Durability & Long Life - Trident knows that cartons aren’t all perfectly square and they often contact the printhead nozzle plate. Unlike competitive ink jet printheads with “plastic nozzle plates”, the 768Jet printhead features a stainless steel nozzle plate. Stainless steel construction and patented shock resistance give the 768Jet a long life that is unmatched in the market.

Many of the original 768Jet printheads from ten years ago are still being returned for repair and then returned to the customers for additional years of operation, allowing Trident to provide a market-leading 3 year warranty.

Assuming two shifts per day x 300 days of printing per year x 10 years = **300 Billion firings per channel and still going!** For comparison, other piezo inkjet printheads typically last for 20 – 50 billion firings per channel. So the 768Jet lasts 6 – 30 times longer than other piezo inkjet printheads. Thermal inkjet printheads last a significantly shorter time than piezo inkjets- **making the 768Jet the market’s longest lasting inkjet printhead.**

About Trident

Trident Industrial Inkjet has been a leading provider of industrial piezoelectric inkjet printheads and inks for 30 years and is a global leader in technologies for package marking and bar coding. The durable, stainless steel construction of Trident printheads makes them ideal for a wide range of industrial applications.

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