

# Product Spotlight

## MSSC Smart-Jet® REACH Printhead



Delaware Valley  
Packaging Group



## Overview

The MSSC Smart-Jet® REACH printhead delivers high-resolution, reliable inkjet coding with extended throw distance, making it ideal for printing clear codes on hard-to-reach, curved, or uneven surfaces. Designed for seamless integration with Smart-Jet® systems such as CORE, DUO, and HEX, it ensures consistent, high-quality marking—improving code legibility, reducing misprints, and increasing overall production efficiency.



### ▶ DVPG - MSSC Smart-Jet REACH Printheads

### Looking to improve packaging efficiency?

Learn more about this solution and how it can optimize your packaging operation at [dvp.com](http://dvp.com)



## Key Benefits

- **Extended throw distance** - Enables reliable printing on curved, recessed, and hard-to-reach packaging surfaces.
- **High-resolution coding** - Delivers sharp, readable expiration dates and lot codes for improved traceability.
- **Fast-drying ink compatibility** - Reduces smudging on non-porous materials like HDPE and coated cartons.
- **Improved production uptime** - Minimizes print interruptions, cleaning, and maintenance requirements.
- **Consistent code quality at high speeds** - Supports efficient, high-volume dairy and beverage production lines.



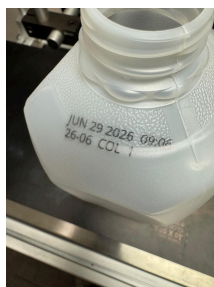
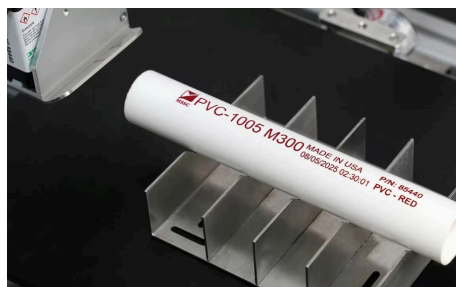
## Ideal Applications

- **Food & Beverage Industry** - Marking expiration dates, best-before dates, batch numbers, and production dates on food and beverage products.
- **Packaging & Labeling** - Marking on both primary and secondary packaging for traceability and identification. Including barcodes, QR codes, lot numbers, and expiration dates.
- **Personal Care Products** - Printing product details, batch numbers, and expiration dates on personal care products such as shampoos, lotions, and cosmetics.
- **Pharmaceutical & Healthcare** - Ensuring compliance by printing unique serial numbers, lot codes, and other variable data on packaging for traceability and counterfeit prevention.



## Key Feature

Smart-Jet® REACH printhead technology enables extended throw distance for consistent, high-quality printing on curved, recessed, and hard-to-reach packaging surfaces, giving operators greater flexibility in print placement while maintaining clear and reliable codes across a wide range of production conditions.



## Proven Results

- **Reduced product waste and rework costs** - by minimizing misprints, smearing, and illegible date coding on containers.
- **Lower labor and maintenance** - expenses through decreased printhead cleaning, troubleshooting, and operator intervention.
- **Increased line efficiency and throughput** - by maintaining consistent coding performance at high production speeds.
- **Improved uptime and reduced downtime losses** - from fewer coding-related stoppages and adjustments.
- **Lower compliance and recall risk exposure** - by ensuring accurate, readable expiration and traceability codes across all packaging types.