

# Diagraph IJ4000 Series

High Resolution Inkjet  
Case Coding Solution



## CUSTOMER-FOCUSED Design

- **Industry-leading print height** of up to 100mm with a single printhead allows for up to 40% taller print to accommodate more lines of print or extra large text and graphics
- A single system can drive up to four printheads on two separate production lines generating cost savings and creating flexibility for future expansion
- Simple message creation and editing on personal PC or designated HMI controller which can be installed up to 100 meters away for safe and convenient use away from the production line

**RESULT – Maximum  
system configurations  
for your unique needs  
today and tomorrow**

## Industry-Leading LOW MAINTENANCE

- **Most effective Automatic Cleaning System (ACS)** on the market. User-defined to meet individualised needs on demand or at programmable intervals to fit seamlessly into your production schedule.
- Unique Centralised Ink Delivery System feeds as many as four different printheads – minimising the time spent refilling ink and eliminating the risk of running out of ink in individual printheads ever again

**RESULT – Up to 30%  
less downtime than  
competing systems**

## Industry-Leading PRINT CONSISTENCY

- **Industry-leading ink throw distance** protects against print degradation that is common due to misshapen, poor material handling or high conveyor speeds.
- Reliably high quality print, including high contrast barcodes, thanks to:
  - A unique Roller Retractor that ensures a consistent gap between the print engine and case
  - Patented shock resistant design that minimises the impact of vibrations
  - Unique ink delivery system that reduces the de-priming issues commonly found in competing technologies

**RESULT – Superior  
print consistency  
compared to  
competing systems**

## Industry-Leading DURABILITY

- Stainless steel construction combined with an industry-leading linear retraction unit protects the print engine from impact damage
- Unique repairable (rather than disposable) design allows printheads to be thoroughly cleaned and maintained, generating significant cost savings

**RESULT – Printheads last  
up to 10 years, 5x greater  
lifespan than competing  
technologies**



**ALLEN CODING**  
A DIVISION OF ITW

### Deutschland

Allen Coding GmbH  
Friedrich-Bergius-Ring 30  
D-97076 Würzburg  
Tel.: +49 (0) 931 25076-0

### United Kingdom

ITW  
Unit 9, Gateway 1000,  
Whittle Way, Arlington, Business Park,  
Stevenage, Hertfordshire SG1 2FP  
Tel.: +44 (0) 1438 347 770

[www.AllenCoding.com](http://www.AllenCoding.com)

