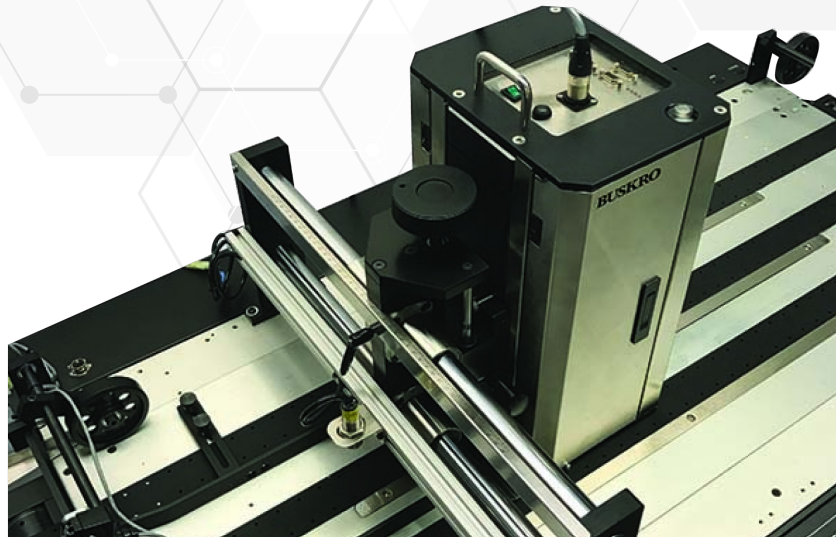# Quantum Print System

Inkjet Addressing and High-Speed Variable Printing

Portable, Precise, Proven Inkjet Technology

The Quantum is a wide swath, high-resolution piezo-DOD inkjet printer. All of the printer elements are fully integrated inside the body of the printer, offering unprecedented portability, installation flexibility, and serviceability.

The Quantum is available in three models:

- 4260: 4.25" (108mm) print swath
- 8560: 8.50" (216mm) print swath
- 12760: 12.75" (324mm) print swath

The Quantum print controller combines and supports a number of these print models for a total of 17" (432mm) of vertical image coverage. With its "TRUEFLOW" active ink management system, Quantum can print the most demanding, high-quality images while achieving and sustaining high print speeds typical in production environments.

TRUEFLOW INK TECHNOLOGY

The Quantum printer integrates a TRUEFLOW active ink management system to ensure the adequate delivery of treated ink for even the most demanding print jobs. By actively pumping, filtering, and degassing the ink inside the print head, the Quantum offers reliable, continuous print at elevated production speeds while minimizing jet outs, operator maintenance, and system downtime.

Key Features & Benefits

Proven, reliable industrial print technology

Powerful, easy-to-use job and print control software

Optimize the performance and efficiency of your entire operation

Quantum is a wide-swath, fully integrated print system that offers unprecedented portability and installation flexibility while delivering high-quality images at elevated production speeds.

Choose Your Ideal Ink Configurations

The Quantum offers a choice between water-based Seurat ink, ideal for printing dark images on porous materials that is more commonly associated with document printing, and two UV-curable formulations (Bosch and Picart). Bosch is ideal for food and medical product packaging, while Picart ink is specially designed for card printing applications where excellent flow properties minimize image saturation.

Technical Specs

Questions?

Let a specialist know how we can help at

bellhowell.net

▶ **Description:**	4260	8560	12760
▶ **System:**			
▶ **Print Swath:**	4.25" (108 mm)	8.50" (216 mm)	12.75" (324 mm)
▶ **Dimensions (L, W, H):**	L=7.6"(195mm) W=9.9"(252mm) H=17.6"(448 mm)	L=11.4"(290mm) W=16.1"(410mm) H=17.6"(448mm)	L=16.3"(413mm) W=21.9"(556mm) H=17.6"(448mm)
▶ **Weight:**	28.4 lbs (12.9 kg)	49.6 lbs (22.5 kg)	70.8 lbs (32.2 kg)
▶ **Vertical DPI:**	600		
▶ **Print Speed @ 300DPI:**	3.39 m/s	2.54 m/s	1.76 m/s
▶ **Horizontal DPI:**	300, 600, 900, 1,200		
▶ **Print Technology – UV:**	Piezo – DOD, 4-level drops; 3, 7, 11, 14 PL		
▶ **Print Technology – Aqueous:**	Piezo – DOD, 3-level drops; 5, 7, 12 PL		
▶ **Mount:**	BK230M, 2 X 30 mm Ø shaft, vertical release		

Bell and Howell Service Solutions

Transforming business challenges into competitive advantages

Maximum uptime and availability starts here. From an extensive service footprint, 40,000+ parts at 40+ stocking locations, to the best software service and support in the industry, we've got you covered. By combining turnkey project management, advanced data analytics and flexible maintenance plans, you'll have the complete solution to ensure that your organization is running more efficient for longer.

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