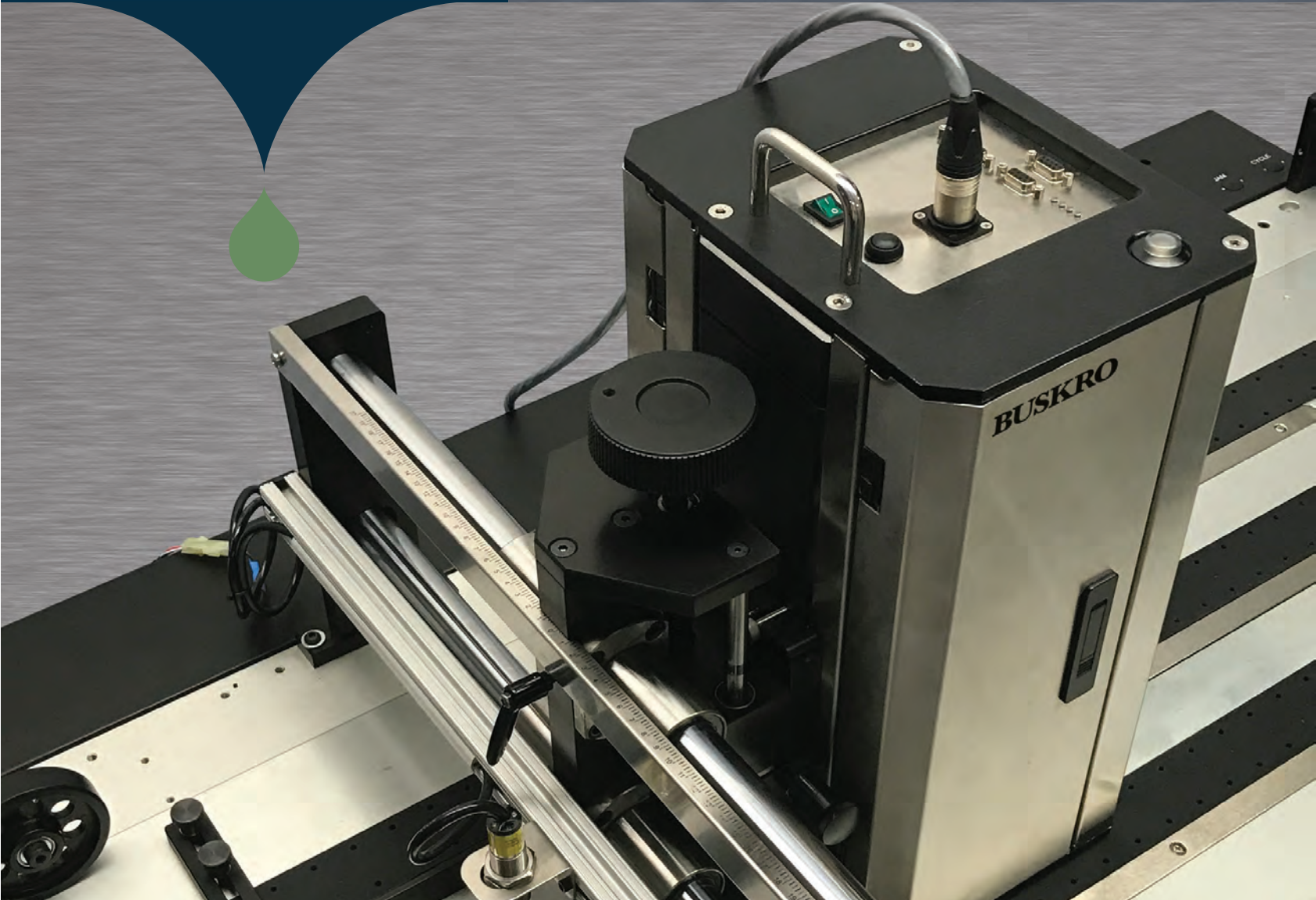


Quantum

Wide swath, high resolution,
fully-portable print system



The Buskro Quantum is a simple yet powerful piezo DOD inkjet printer which combines the proven Kyocera print technology with Buskro's established inkjet controller, Compose IQ software and TRUEFLOW fluid delivery expertise.

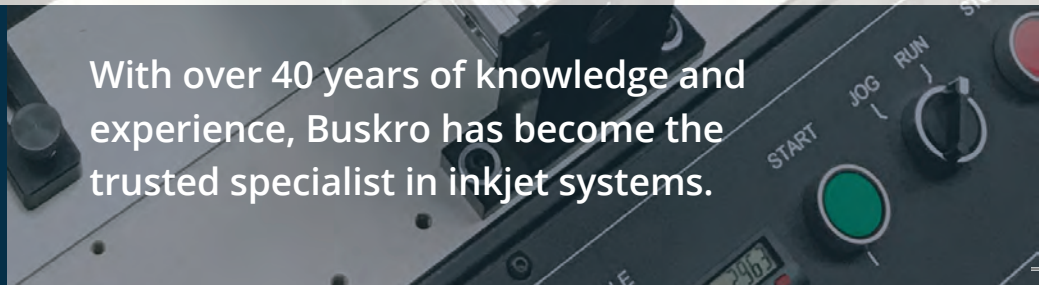
PORTABLE, PRECISE, PROVEN TECHNOLOGY

The Quantum features an all-encompassing print system that fully integrates the electronics, ink management, and print module sub-systems into the body of the printer making it an industry leader in portability and flexibility. Variable drops as small

as 3pl coupled with a 600X1200 DPI output capability makes the Quantum ideal for smaller, more intricate and precise print applications while its 4.25" print swath yields a wide print breadth resulting in crisp, even print for the most generous of images.

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Built for today | Designed for tomorrow

With over 40 years of knowledge and experience, Buskro has become the trusted specialist in inkjet systems.





Quantum 4260 Specifications

DESCRIPTION	4260W	4260U
PRINT TECHNOLOGY		
Drop Level	5, 7, 12 pl	3, 7, 11, 14 pl
Ink Type	Water-based	UV curable
Print Swath	4.25" (108 mm)	
Vertical DPI	600	
Horizontal DPI	300, 600, 1200	
Print Technology	Piezo – Drop-on-demand (DOD)	
Frequency Response	23.4 Khz	
PRINT SPEED		
300	2.0 m/s (385 fpm)	
600	1.0 m/s (193 fpm)	
1200	0.5 m/s (96 fpm)	
PHYSICAL		
Weight	28.4 lbs (12.9 kg)	
Power Requirement	230 VAC @ 1A or 120 VAC @ 2A (24 VDC @ 5A)	
INK		
Ink Chemistry	Water-based, UV-Curable	
Ink Choice	UV (Bosch), Water based (Seurat)	
Ink Bottle	475 mL or 1000 mL, self-sealing	
Ink delivery	Active management: pumped, filtered, de-gassed, ink tank vacuum control c/w level-sensing, purge pressure	

TRUEFLOW INK TECHNOLOGY

The Quantum print technology incorporates Buskro's proven TRUEFLOW active ink management system ensuring an adequate delivery of treated ink for even the most demanding of print jobs. By actively pumping, filtering and degassing the ink inside the print head, the Quantum offers reliable, continuous print at top production speeds while minimizing jet outs, operator maintenance and system downtime.

LOW COST IMAGES, FLEXIBILITY AND CONVENIENCE

The Quantum offers a choice between Buskro's water-based Seurat ink, ideal for printing dark images on porous materials and Bosch UV curable ink for adherence to a wide and challenging range of substrates. These inks, supplied in self-sealing bottles, conveniently and simply connect into an onboard ink management system for efficient delivery into the print arrays, making the ink change operation clean and simple.

Features

- » Self-contained, portable unit mounted on a stable printing platform
- » Wide swath, high resolution Piezo-DOD inkjet technology - 4.25" (108 mm) @ 600 DPI
- » Horizontal resolutions: 300, 600, 1200 DPI
- » 4 selectable levels of grey
- » Controller supports up to 4 Quantum print heads for a total vertical swath of 17" (432 mm)
- » Easy lateral movement and product thickness adjustment
- » "TRUEFLOW" Active ink management: ink pumping, filtering and degassing
- » On-the-fly, snap in bottle refill with low ink indicator
- » Available in 475 mL or 1L, self-sealing ink bottles
- » Water-based (Seurat) or UV curable (Bosch) inks
- » Compatible with older Buskro controllers
- » Unrestricted print orientation: 0, 90, 180, 270, or user-defined

