B

Quantum Specifications

Features

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, 1200		
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		
INK			
Ink Chemistry	Aqueous, UV-Curable		
Ink Choice	Bosch (UV), Picart (UV), Harris (aqueous)		
Ink Bottle	1000 ml, self-sealing		
Ink delivery	Active management: pumped, filtered, de-gassed, meniscus control c/w level-sensing		
SOFTWARE/COMMUNICATION			
Inkjet control Software	Compose IQ V11 or later		
Operating Windows	Operator, Setup, Layout, Diagnostics, Job		
Options	Read/print (OCR), Duplex (SIZ), combo (CBO), tracking (TRK), Verification (VER), PDF support (PDF)		
Text	True-type; from 4 to 148 pt		
Graphics	.bmp, .jpg, .tif, .pcx, .wmf		
Barcodes	Various postal, 1D, 2D		
Data Files	.txt, .mdb, .dbf, .pdf, .ps, .xls, .lst, fixed, delimited, custom; Code page support; multi-copies; append custom data		

Features

- Piezo-DOD inkjet technology with resolutions up to 600x1200 DPI
- Available in 3 models with precision alignment delivering seamless print: 4.25" (108mm) – 4260, 8.5"(216mm) – 8560, and 12.75" (324mm) – 12760
- Buskro inkjet controller c/w Compose IQ and supports up to 17" (432mm) of vertical print coverage @ 600 DPI
- Available in aqueous (Harris) or UV curable (Bosch, Picart) formulations
- Self-contained, portable unit with on-board ink bottle
- Floating print module plate for automatic product-thickness adjustment minimizing product jams and maintaining optimal print height stand-off
- High-visibility LED status indicator alerting operator for ink changes, printing status, and error conditions
- Can be fully integrated with third party transports and presses for sheet and web printing
- TRUEFLOW active ink management: ink degassing, purge pressure, ink tank vacuum control, and pumping
- On-the-fly ink bottle replacement with convenient connection to ink management system with a snap-in ink fitting

ABOUT BUSKRO

Founded in 1976, Buskro has evolved into an industry leader in the design and manufacture of high quality printing, tabbing/labelling and card processing equipment to meet a broad range of customer needs. Innovation is the key to everything we produce. Our approach of using the latest technology, along with an open architecture, allows our products to meet your current needs and adapt to your future requirements. Buskro equipment features heavy-duty construction from top to bottom, plus design details that promote years of trouble-free operation. Our commitment to innovation has produced solutions that have not only set the standard, but raised the bar for over 40 years. Working with Buskro's global network of distribution partners, we take pride in providing quality service and support for all of our products, including our legacy technologies. When you consider your needs – the ones you face today and the unknown challenges of tomorrow, and then compare Buskro's total value proposition of price, flexibility, quality and durability... Buskro is hard to beat!

www.buskro.com

BUSKRO
Built for today | Designed for tomorrow

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Quantum

Wide swath, high resolution, fully-portable print system

BUSKRO
Quantum

Simple, yet powerful
Piezo DOD Inkjet Printer
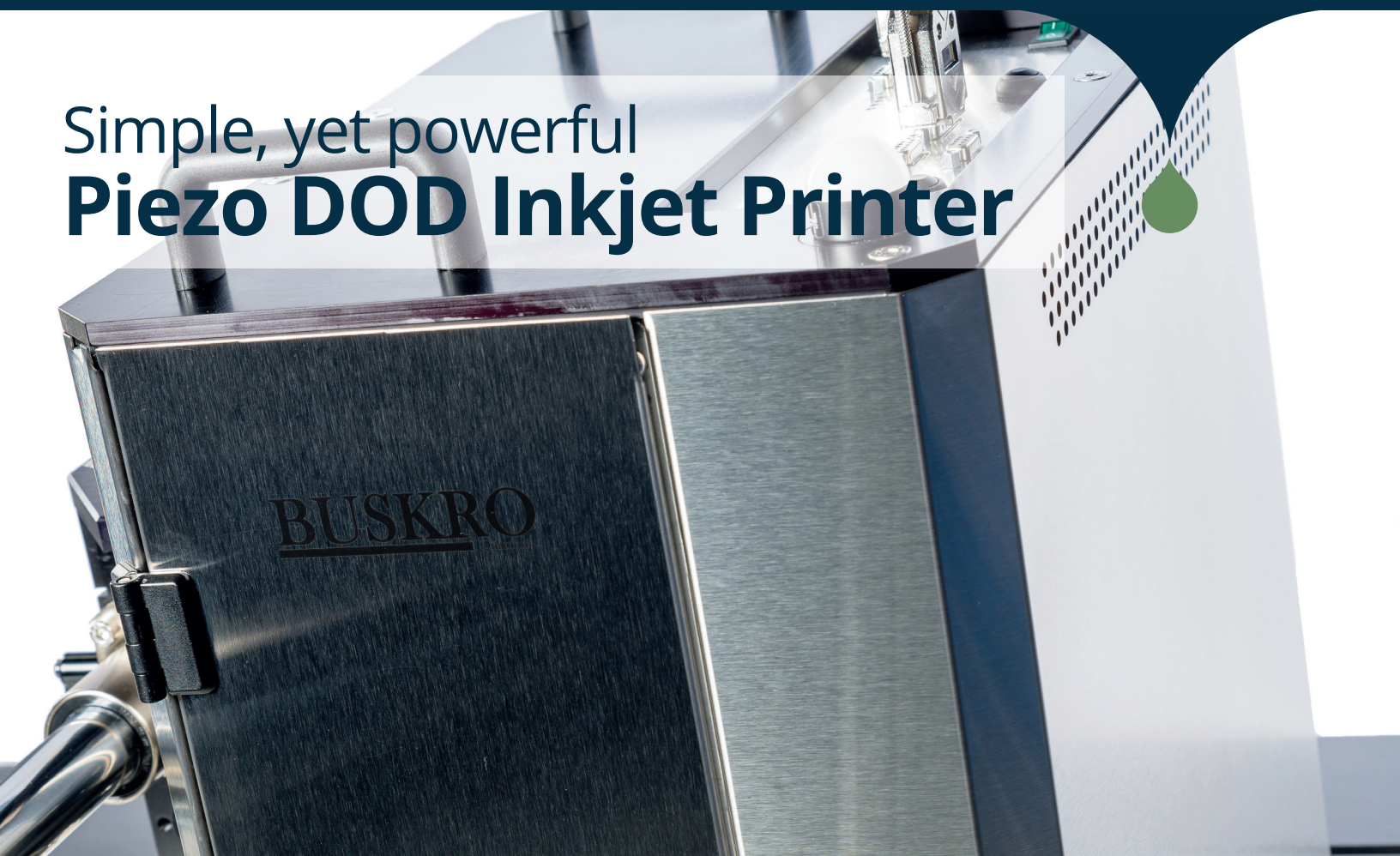
| PRINT SPEED	QUANTUM UV (30 KhZ)	QUANTUM AQUEOUS (40 KhZ)
300	2.56 m/s (500 fpm)	3.39 m/s (660 fpm)
600	1.27 m/s (250 fpm)	1.69 m/s (330 fpm)
900	0.85 m/s (166 fpm)	1.13 m/s (220 fpm)
1200	0.64 m/s (125 fpm)	0.84 m/s (165 fpm)

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 is a fully featured print system that 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. Four variable drop volumes as small as 3pl coupled with a 600X1200 DPI output capability makes the Quantum ideal for smaller, more intricate and precise print applications. Available in three different models: 4.25" (108mm) , 8.50" (216mm) or 12.75" (324mm), The Quantum print swath yields a wide print breadth resulting in crisp, even print for the most generous of images while achieving and sustaining print speeds up to 660 fpm (3.39 m/s).
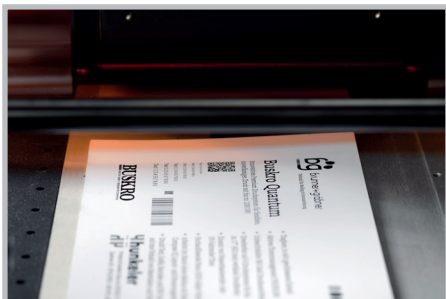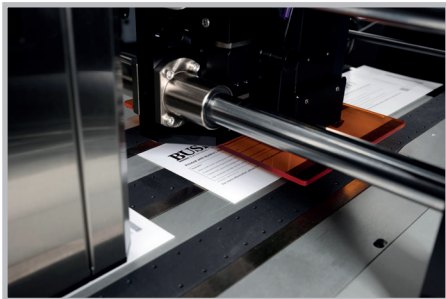
TRUEFLOW INK TECHNOLOGY

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. And with a convenient snap-in ink bottle connection, on-the-fly ink replenishment is made easy.

FLEXIBLE INK FORMULATIONS

With a choice of aqueous or UV-curable inks, the Quantum can handle the most challenging substrates and produce crisp, high quality images on porous materials more commonly associated with document printing. Inks offered by Buskro include an aqueous (Harris) and two UV-curable formulations (Bosch, Picart). Bosch is Buskro's general UV ink while Picart ink has been specially designed for card printing applications where good flow properties minimize the occurrence of image striation. Harris, the aqueous ink alternative, is designed for jobs where dark images on less-challenging porous substrates are a requirement.

EASY OF USE AND MAINTENANCE

Utilizing a single electronic board design, compact ink delivery system and the inclusion of a LED status indicator, makes servicing and maintenance very user friendly. The visible LED status indicator, displaying variable colours for each printer state, alerts the operator to any common operating conditions present such as a low ink warning, normal status, error reporting and system updates.