

# Atom Printer



## Self-Contained Portable Print System

With over 45 years of knowledge and experience, Buskro has become the trusted specialist in inkjet systems.

# Portable, Powerful, Proven Technology

The **Buskro Atom Inkjet Printer** combines compact efficiency, versatile functionality, and cost-effective performance, making it an excellent choice for businesses seeking reliable and scalable printing solutions. Whether you need a standalone printer or a seamless addition to your existing production line, the Atom delivers exceptional value tailored to your needs.

## Why Choose the Buskro Atom

### Portable Versatility

Its compact design makes the Atom ideal for operations requiring portability or limited space.

### Seamless Integration

Easily integrates with existing production lines or functions as a standalone unit, ensuring operational flexibility.

### Ease of Use

Intuitive controls and setup make the Atom accessible to operators with minimal technical training.

### Trusted Support

Buskro provides training, maintenance, and a range of support services to ensure smooth and successful operation from day one.

## Features

### Compact Design

A highly portable and space-efficient printer ideal for businesses with limited production space

### Exceptional Print Quality

Supports resolutions up to 600 DPI for clear and precise graphics and text.

### Flexible Ink Compatibility

Works seamlessly with both aqueous and solvent-based inks, providing versatility for various substrates such as paper, plastic, and metallic materials

### High-Speed Operation

Prints at speeds up to 1.25 m/s, balancing speed with quality for efficient production

### User-Friendly Setup

Quick and easy installation with minimal technical requirements, making it accessible for operations of any size





## Return on Investment (ROI)

### Minimal Downtime

Simple setup and maintenance reduce operational interruptions, ensuring high productivity.

### Cost Efficiency

Uses less energy and ink compared to larger systems, lowering the overall cost per print.

### Scalability

The Atom's modular design allows for expansion as production needs grow, maximizing long-term value

### Future-Proof Investment

Compatible with a variety of inks and substrates, the Atom adapts to changing business needs and market demands

### Quick Payback Period

Its affordable price point, coupled with reliable performance, delivers a rapid return on investment

## Value Proposition

### Space-Saving Design

Its compact footprint allows the Atom to fit seamlessly into tight production spaces while maintaining full functionality.

### Standalone or Integrated Solution

Can operate as a standalone system or integrate into existing production lines, offering flexibility to meet diverse operational needs.

### Cost-Effective Performance

The Atom delivers high-quality results with low operational costs, making it a budget-friendly choice for small to medium-sized businesses.

### Reliable Technology

Drop-On-Demand (DOD) technology ensures consistent performance across variable data and graphics printing applications.

### Long-Term Durability

Built with robust materials and components, the Atom is designed to withstand continuous operation in demanding environments .

## Ideal Applications

### Direct Mail

Personalization and high-resolution graphics for mail campaigns

### Labels & Tags

Custom label printing with variable data such as barcodes, QR codes, and serial numbers

### Small Packaging

On-demand printing for branding and product details on compact packaging

### Industrial Marketing

High-speed printing for manufacturing needs, including batch codes and product identifiers



# Specifications

## Atom

System	1025	2530	5130*
<b>Print Swath</b>	1" (25mm)	2" (51mm)	3" (76mm)
<b>Vertical DPI</b>	256	300	300
<b>Horizontal DPI</b>	100, 200, 300, 400, 600		
<b>Print Technology</b>	Piezo - DOD, 30 ng drop		
<b>Print Speed</b>	Up to 890 fpm (4.6 m/s)		
<b>Mount</b>	BK230M, 2 X 30mm Ø shaft, vertical release		
<b>Dimensions (L,W,H)</b>	17.8" x 9.3" x 17.4" (452mm x 236mm x 442mm)		
<b>Weight</b>	28.4 lbs (12.9kg)	28.4 lbs (12.9kg)	33.4 lbs (15.1kg)

## Ink

<b>Ink Chemistry</b>	Solvent, UV-Curable
<b>Ink Choice</b>	Renoir (UV), Monet (solvent), Cezanne (Quick-dry solvent)
<b>Ink Bottle</b>	375 mL, self-sealing
<b>Ink Delivery</b>	Active management: pumped, filtered, de-gassed, meniscus control c/w level-sensing

