



Foenix: FX Standard

Professional printing systems designed to eliminate costly pre-printed packaging while delivering exceptional quality and reliability for your production line.

 **Contact Packtronic:** Visit us at www.packtronic.co.za for expert guidance on coding and marking solutions tailored to your business needs.



Packtronic | Your trusted partner in industrial printing solutions

Advanced Printing Capabilities

Our high-resolution coding and marking system delivers professional results with 1 to 8 lines of print and 2-18mm print height capability. The advanced piezo print head technology ensures crisp, clear output at speeds up to 100m/min for standard text and 50m/min for barcodes and 2mm text. Print directly onto cartons, trays, and sacks in any orientation, eliminating the need for expensive pre-printed packaging materials.

The system excels at printing text, graphics, logos, and both 1D and 2D barcodes including QR codes and data matrix formats with variable data integration. True Type Font and Unicode support enables message creation in any font and language, while the intuitive FX App allows easy import of JPEG, PNG, and BMP graphics. Time and multiple date formats are supported with continuous repeat print capability for high-volume production environments.



High Resolution

1-8 lines, 2-18mm height with piezo print head technology



Barcodes & Graphics

1D/2D codes, logos, and graphics in multiple formats



Universal Language

True Type Font and Unicode for any language support

Connectivity & Control Systems

Packtronic's coding system offers comprehensive connectivity options for seamless integration into your production environment. Connect via USB cable, RS485, or Ethernet for direct message creation or integration with factory network systems. The simple screen and keyboard interface provides local control of printer speed, direction, and message delay, while the advanced Touch Controller delivers simple interactive Windows programming with the FX App for reliable printing in one click.

Network management capabilities allow you to manage multiple printers from one central location, monitor progress, track faults, and gain valuable insights with print analytics. The multi-port connection system supports encoders, external alarms, and alternative product detection devices. Out-of-the-box installation features minimal components for maximum reliability, getting your production line operational quickly with minimal downtime.

Connection Options

- USB-A memory stick included
- USB-B for cable connection
- RS232 and RS485 support
- Ethernet (optional)
- I/O port for encoders and sensors

Control Features

- 7" Touch Screen controller available
- Simple keyboard interface
- Network printer management
- Print analytics and monitoring
- Auto programming with barcode reader

Technical Specifications & Support

The system features a compact design measuring 242 x 178 x 90mm and weighing just 1.7 kg (excluding ink cartridge and brackets). Large oil-based ink cartridges provide low-cost coding with a clean inking system ideal for porous surfaces, delivering up to 15 million characters per cartridge. The innovative Ink Saver Mode can reduce ink consumption by up to 75%, significantly lowering operational costs while maintaining print quality.

Available in various colors including mineral oil-free options and UV inks for instant LED curing, the system adapts to diverse production requirements. Visual alarm indicators including ink low warnings ensure uninterrupted operation. The 90-260 VAC to 24VDC power supply is included, and every unit comes with a 2-year warranty with extended warranty options available. Packtronic continuously improves products and software to deliver cutting-edge solutions.

15M

Characters Per Cartridge

Large capacity oil-based ink system

75%

Ink Savings

Reduce consumption with Ink Saver Mode

100

Meters Per Minute

High-speed printing capability

2

Years Warranty

Extended warranty available

Dimensions	242 x 178 x 90mm
Weight	1.7 kg (excluding accessories)
Power Supply	90-260 VAC to 24VDC included
Print Speed	100m/min standard, 50m/min barcode
Ink Options	Oil-based, mineral oil-free, UV inks

 **Contact Packtronic Today:** For detailed specifications, pricing, and expert consultation, visit www.packtronic.co.za or speak with our technical team about your specific coding and marking requirements.