

Digital Label Finishing

Digital Label Finishing Has Never Been This Fast, Easy and Affordable!

Until now, digital label finishing has been expensive. Complicated. And not particularly well-refined. But no longer.

Primera's FX1200 Digital Finishing System is here.

This innovative new machine is ready to meet the demands of converters and manufacturers who need reliable, professional-grade finishing equipment to complete their digital label production. FX1200 is an "all-in-one" off-line solution that produces rolls of finished labels produced by a variety of narrow-web output devices.



With FX1200, you'll be able to quickly and easily perform all of these label finishing steps in a single, integrated and automated process:



Laminating



Digital die-cutting



Removal of waste matrix



Slitting



Rewinding to finished rolls

Touch Screen Controls

All set-up and operation is controlled through an integrated touch screen PC. Most jobs take only a few minutes to set up and start running. You can easily adjust job parameters "on-the-fly" due to the significant built-in processing power and on-board memory – a unique feature in this category of digital finishing systems. The wide-screen color LCD display is easily visible in many different lighting conditions.

Cut Any Size or Shape without Dies

Instead of hard-tooled or flexible steel dies, FX1200 utilizes digitally-controlled tungsten carbide steel knife blades. With FX1200 you'll never have to buy a die or wait for it to be made and delivered. Your turnarounds will be faster and the time and cost savings are significant.

QuadraCut™ by Primera

Finishing speeds of up to 20 FPM (6.1 meters per minute) are accomplished with Primera's exclusive QuadraCut™ technology (patent pending).

QuadraCut uses up to four knife blades at a time across the web. This feature dramatically increases throughput compared to systems that have just a single blade.

You can cut virtually any size or shape from various pressure-sensitive substrates, including matte and gloss paper, polyester, vinyl, polypropylene, BOPP and more.

Precise re-registration to pre-printed images is accomplished with dual two-zone timing mark sensors.

A Complete Digital Solution

FX1200 is the perfect companion to a variety of narrow-web digital output devices, including Primera's best-selling CX1200 Digital Color Label Press (color laser technology) and LX900 Color Label Printer (inkjet technology).

With Primera's digital printing and finishing equipment, you get a complete digital label printing and finishing solution from a single vendor at a new, breakthrough price.

Primera and the Environment



Primera strives to be an environmentally responsible provider of state-of-the-art digital label printing technology. As such, cartridge recycling is provided at no charge, throughout the world, for the life of the press. The result is less solid waste with fewer resources consumed. All of our products are compliant with ROHS and WEEE standards.

Innovative Technology from and Industry Leader

Primera's thirty-three year history of designing and manufacturing specialty color printers assures you that your investment will be backed by a strong, highly-respected USA-based company with offices around the world. Over a million printers have been built and sold in more than 85 countries.

Support to Keep You Up and Running

Primera's industry-leading technical support personnel are here to help keep your press up and running. Technicians are available by phone and email across the globe and in most major languages. Installation, training and repair programs are also available. In selected geographies, on-site scheduled maintenance and service is also available.

All regularly-scheduled maintenance can easily be performed by your own personnel. Besides toner cartridges, the only other consumables are the Image Transfer Unit (ITU), fuser and waste toner container.



Technical Specifications

CX1200 COLOR LABEL PRESS

Print speed:	3.25"/second (83mm/second); 16.25 feet/minute (5 meters/minute)
Print method:	Color laser
Display:	4-line, 160 x 64 pixel, backlit gray-scale display
Printer processor:	800 / 133 MHz
Media width:	8.5" (216mm)
Print width:	Up to 8.00" (203mm)
Print length:	Up to 1250 feet (381 meters) per 12" (305mm) roll of self-adhesive label stock (includes face sheet, adhesive and liner)
Substrate types:	Self-adhesive paper label stock and approved films
Printing quality modes:	1200 dpi x 600 dpi 1200 dpi x 1200 dpi 2400 x 600 dpi
Ink supplies:	CMYK 4-color printing (Cyan, Magenta, Yellow, Black); 15,000 page extra high yield cartridges; (Rated according to ISO/IEC 19798 guidelines)
Software:	PTPrint™ 8.0 RIP Software for Windows*; Pantone-approved color support; Easy to use graphical user interface
Input system:	Input roll maximum diameter: 12" (305mm); Core inside diameter: 3" (76.2mm); IntelliTorque Tension control system with automatic paper feed; Maximum input roll weight: 45 lbs. (20.4 kg)
Output system:	Output roll maximum diameter: 12" (305mm); Core inside diameter 3" (76.2mm); IntelliTorque Tension control system; Maximum output roll weight: 45 lbs. (20.4 kg)
Operating system:	Windows XP/Vista, 32-Bit
System recommendations:	» Intel® Pentium®-based PC or compatible, 2 GHz processor or higher » 2GB RAM or higher » 50GB or more free hard drive space » VGA video display of 1024x768 or higher » Available 100/1000 Ethernet port
Dimensions:	Without bench: 76"W x 22"H x 22"D (193cmW x 56cmH x 56cmD) With bench: 76"W x 56.625"H x 30"D (193cmW x 143.8cmH x 76cmD)
Weight:	Without bench: Approximately 256 lbs. (116 kg) With bench: Approximately 456 lbs. (207 kg)
Operating environment:	Temperature: 16 to 32°C (60 to 90°F) Humidity: 20 to 60% relative humidity Altitude: 0 – 2000 meters (6,560 feet)
Power:	110-127 VAC, 50/60 Hz @ 7.5A 220-240 VAC, 50/60 Hz @ 3.5A
Certifications:	CSA, ICES Class A, BSMI Class A, VCCI Class A, FCC Class A, UL 60950-1, IEC 60320-1, CE Class A, CB IEC 60950-1, IEC 60825-1, GS (TÜV), SEMKO, UL AR, CS, TÜV Rh, C-tick mark Class A
Warranty:	One year parts and labor. Usage limitations may apply.
Options:	Extended warranty Bench with built-in lockable storage

FX1200 DIGITAL FINISHING SYSTEM

Input roll max. diameter:	12" (305mm)
Output roll max. diameter:	12" (305mm)
Minimum web width:	6" (152mm) (Not Currently Available)
Maximum web width:	8.5" (216mm)
Maximum die cutting width:	8" (203mm)
Minimum slitting width:	1" (25.4mm)
Minimum label length:	0.25" (6.35mm)
Maximum label length:	24" (610mm)
Throughput speed:	Up to 4" (102 mm) per second or 20 FPM (6.1m per minute)
Controls:	15.6" (diagonal measure) LCD touch screen, 16:9 wide panel, 1366 x 768 pixels; emergency stop switch
Number of cutting knives:	1 to 4
Number of slitting blades:	1 to 7
Cutting technology:	Tungsten carbide pivoting knife(s)
Cut file protocol:	HPGL
Optical sensing:	Dual two-zone
Cut speed (max. diagonal):	Up to 113" (287cm) per second when using four knife blades
Processor:	Intel® Atom™ 330 1.6 GHz
Memory:	1 GB DDR2
On-board storage:	160GB SATA 2.5" HD
Data interfaces:	USB 2.0, 10/100/Gigabit Ethernet, Wireless 802.11 b/g/n, USB memory stick
Dimensions:	78"W x 30"D x 56"H (198cmW x 76.2cmD x 142cmH)
Weight (estimated):	498 lbs. (226 kg)
Power requirements:	100-240VAC, 300 watts
Agency certifications:	UL, UL-C, CE, FCC Class A
Warranty:	One year parts and labor. Usage limitations may apply.
Options:	Lamination Liner Waste Mandrel Extended warranty

For detailed information on what digital label printing and finishing can do for you and your business call 1-800-797-2772 (USA and Canada) or +1-763-475-6676

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