



Unrivaled Speed in an Affordable Inkjet Printer

- ▶ **Lowest operating & ink cost**
- ▶ **Off-the-shelf consumables**
- ▶ **Best line quality: 300/600 dpi**
- ▶ **Least floor space**
- ▶ **Compatible with all CAD systems**
- ▶ **Maintenance-free design**



Ioline FJ-EX



Durable metal parts provide years of reliable service.



Intuitive universal keypad has no menus to slow you down.



Produce dense markers quickly and inexpensively.

Built for a competitive marketplace, the loline **FJ-EX** inkjet printer has the lowest operational cost and highest throughput of any plotter in its class.

Because the speed of the loline **FJ-EX** is unaffected by plot density, it increases productivity and lowers the cost of producing detailed and heavily annotated markers. Intimate apparel, glove, even children's clothing markers output at speeds up to 45.5 square meters per hour.

Other marker inkjets compromise line quality for speed. Not so with the **FJ**. Thanks to ingenious engineering, this loline Inkjet printer features the best line quality and print resolution in the industry: 600 dpi in best mode and 300 dpi in draft mode, with no degradation in speed. The machine also uses widely available, off-the-shelf HP™ ink cartridges, assuring a low cost and ready supply of consumables.

Accuracy. Durability. Speed.

Precision engineering and metal parts make the **FJ-EX** an industrial-strength machine that performs under the most extreme conditions.

- ▶ Proven SmarTrac™ technology assures plot accuracy and eliminates scan gaps.
- ▶ Print up to 320m unattended on the **FJ-EX**.
- ▶ You can use paper as wide as 2.18m on the Ioline **FJ-EX**.

Performance in the details.

Ease of use. Staffing. Ergonomics. Ioline engineers designed the **FJ-EX** to streamline and simplify your marker making operations.

- ▶ Assemble plotter and train new users each in less than one hour.
- ▶ Quiet and modular, **FJ-EX** fits in tight spaces and is easy to move up stairs.
- ▶ Plots on multiple paper grades from recycled to bond.
- ▶ Paper out sensor.
- ▶ Single-operator, front floor load. Motorized paper take-up system, ergonomic waist-level off-loading.
- ▶ Change plot order on-the-fly, monitor plot status, adjust scale, speed and print quality or diagnose communications issues with **FJ-EX** production management software.

Quality you can count on.

Ioline is ISO-9000 compliant. We thoroughly test every unit before it leaves our factory.

- ▶ Ioline test engineers verify that all components meet exacting engineering specifications.
- ▶ All electronics are tested under rigorous environmental conditions and against power surges.
- ▶ Every **FJ-EX** receives a comprehensive full-system test prior to shipment.

Maintenance-free, hassle-free.

Designed for minimum downtime, the Ioline **FJ-EX** eliminates costly service interruptions. Each HP™ inkjet cartridge includes a new print head, saving you thousands \$\$\$ in proprietary parts and labor over competing brands. Replace print heads and cartridges in a matter of minutes—not hours.

- ▶ Create dense markers quickly with no loss in performance to optimally manage cutting room operations.

- ▶ Easily service in-house and eliminate service delays.

- ▶ Reduce ink consumption by printing in draft mode.

- ▶ Same proven construction as Ioline's pen plotters—10-year service costs run less the one-year service contract charged by other brands.

- ▶ Uses widely available, off-the-shelf HP™ printer cartridges. No spillage, priming, special tools or expensive parts.

- ▶ Unique low-friction carriage design eliminates the need for periodic maintenance.

- ▶ Self-contained servo motor assures continuous, accurate tracking.

- ▶ Durable metal parts resist wear and tear.

- ▶ Automated head-cleaning system.



Maintenance is a snap. Simply keep the **FJ-EX** clean.



Lowest cost
of ownership



Printer Model	FJ-EX 2.2 meter system
Throughput	45.5 m ² /hour
Max. plotting width	2.18m
Media width	1.2m to 2.18m
Marker Length	320 m unattended
Floor Space Used	2.62 m x .7 m
Dimensions (w/d/h)	1.17 m x 2.6 m x .7 m
Weight Actual Dimensional (Int'l.)	125 kg 180 kg
Paper type	Recycled to bond
Feed roll position	Front floor loading
Paper take-up roll position	Ergonomic waist-level off-loading from front
Line thickness	Thin, normal or thick
Resolution	Best mode: 600 dpi; Draft mode: 300 dpi
Ink Cartridges	Off-the-shelf HP 51645A cartridges
PC Interface	USB 2.0 / Serial (RS-232)
Protocol	HPGL / DMPL
Languages	DMPL, DXF, HP-GL, HP-GL/2, MicroJet STD
Compatibility	Gerber (Accumark, Micro Mark, and Microdynamics), Assyst, AutoDesk (AutoCAD), Investronica, Lectra, Scanvec (Optitex), PAD, Polygon, Polytron (PolyPattern), Vetigraph and others
Power requirements	85–264 VAC, 0.25 KVA, Single phase, 47–440 Hz
Humidity	Non-condensing



Design & Manufacturing since 1984



Made in the U.S.A.

Specifications subject to change without notice. Ioline is a trademark of Ioline Corporation. All other trademarks and copyrights are the property of their respective owners.

Copyright © 2010 Ioline Corp.
All rights reserved worldwide.
(010606)