



Custom Appliqué & Sports Lettering System

Even cuts thicker materials like leather and chenille

- ▶ Easy to use
- ▶ Cuts up to 700 pieces per hour
- ▶ Creates sew disk instructions
- ▶ Cuts a wide variety of materials
- ▶ Connects to a PC just like a printer
- ▶ Works with popular drawing and embroidery programs

Reduces costs
Boosts output
Increases profit



Ioline 350HF System

WOW your

- ▶ Deliver finished goods faster. There's no wait for pre-cut graphics nor left-over inventory.
- ▶ Create custom designs quickly and economically.
- ▶ The Bears have a new short-stop? No problem. Cut and sew little Jimmy's name on the spot—and pocket a profit.
- ▶ Catch customers' eyes with unique combinations of color, texture and pattern.
- ▶ Offer affordable large designs. Customers appreciate the more comfortable fit and improved launderability. And you save valuable production time and stitches.



customers

... and keep them coming back

Customers love the look of appliqué for its more original and eye-catching appearance. Now you can create custom letters and decorative apparel graphics affordably in your shop using the Ioline 350_{HF} System.

The 350_{HF} System cuts leather, twill, heat transfer material, chenille board/scrim felt, even many fabrics found at the neighborhood sewing store. WOW your customers with designs from simple to sophisticated.

- ▶ Retain control over lead time, waste and production
- ▶ Quickly create affordable samples that help close orders
- ▶ Build loyalty and word-of-mouth referrals by tailoring designs for your customers
- ▶ Produce more products in less time with more profit

You don't need to be an artist to take advantage of the 350_{HF} System. Use existing graphic templates or create custom designs in CorelDraw!™, Adobe Illustrator™ or your embroidery program. The Ioline 350_{HF} System creates sew discs for most embroidery machines, including: Tajima, Melco, Barudan, Toyota, and Brother. There's no maintenance. The 350_{HF} System is virtually maintenance-free and easy to use. It hooks up to your PC just like a printer.

The 350_{HF} System has a rugged industrial design that performs day in and day out and comes with a lifetime free customer support commitment. At 75% less than the price of a laser cutter, Ioline customers often say the 350_{HF} System is one of the best investments they ever made in their business.

**“One of the best
investments I’ve made.”**

— J.D. Lettering & Sportswear
Minnesota

**“Learning is a breeze.
I was cutting the day
[my system] arrived.”**

— Just in Stitches
Minnesota

Double your output

Half the time

Half the stitches



Custom designs

1



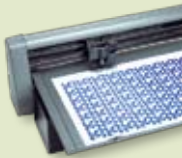
- ▶ Select a stock design or create your own in a vector-based drawing program like Adobe Illustrator™, Corel-Draw!™, or your embroidery software.

2



- ▶ Import the design into Ioline's 301 Software and select the number of copies to cut.

3



- ▶ Cut the design on a cutter. It's as easy as a printer.

How to make sew disks

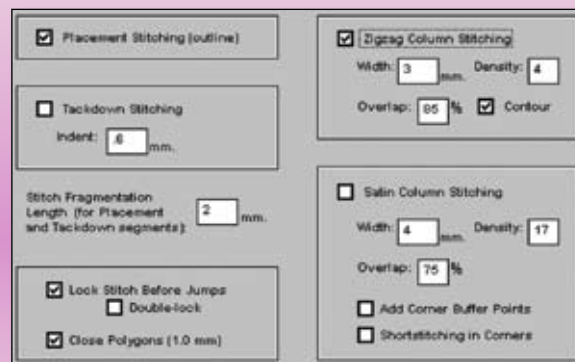
Ioline 301 Software provides stitch editing capabilities and creates outline stitch instructions for your embroidery machine. A typical 2-color

design (shown at below, left) can be completed in 5 minutes—as much as 20 to 50 minutes faster than with other digitizing programs.

A tutorial (including you through the After-sale support



1. Import a stock design or an outline created in a vector-based drawing program (like Adobe Illustrator™ or CorelDraw!™) The design above takes about 2½ minutes to create.



2. Check your desired stitch styles: Placement, tack-down, zig zag, or satin. Use pre-set values for stitch width, density and edge overlap—or adjust values as desired. The 301 Software creates the stitch patterns automatically.

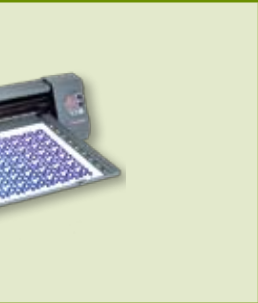


3. Need to modify the design? Use the editor to set colors, convert colors to lock stitches, and export to Tajima format (Tajima 301 automatic

in 5 easy steps

4

5



the 350HF System
as sending a file to

- ▶ If you plan to embroider the final design, you'll want to create sew instructions in the 301 Software. Choose placement, tack-down, zig zag or satin outline stitches and select stitch density, width and edge overlap. Import into your embroidery program, and set fill stitches, if needed.

- ▶ Embroidery: Sew the placement stitches and position the appliqué pieces for easy sew-down with stitch files created in 301 Software.
- ▶ Sewing Machine: Position the appliqué pieces and sew down.
- ▶ Heat Transfer: Position the appliqué pieces and press on to the fabric.

Included with online 350HF Cutter!

cluded on the installation disk) steps
the process in two hours or less.
port is also available at no charge.



modify stitches? Use the 301 Software
color change codes, move stitch-
jumps to trims, or add and delete
s. Select your desired embroidery
ma .DST, Melco . EXP, etc.) and the
tically creates a sew disk.

Compare the difference



Embroidered



Appliquéd

75%
more profit!

		Costs*	
84,658	Stitch Count	13,498	
2 hours, 10 mins.	Run Time	20 mins.	
5 - 10 days delivery	Digitizing Time	No delay	
\$4.00	Digitizing Fee	\$0	
\$0	Fabric/Consumables	\$0.54	
\$7.50	Embroidery Cost	\$1.00	
\$10.00	Heavy Sweatshirt	\$10.00	
\$21.50		\$11.54	
		Profit*	
\$36.00	Price to Reseller	\$36.00	
-\$21.50	Cost of Goods	-\$11.54	
\$14.50		\$25.46	

* Per unit cost based on 25-piece quantity



**“Cut our delivery time
from one week to hours.”**

— *Jammin
California*

**“We get better results
with Ioline’s System
than with a laser
or waterjet.”**

— *Fit for a King
Washington*

Time-saving techniques



Cut up to 9 layers as a single “kiss-cut” graphic



Make split front designs simply and easily

* Pile, flock and stretchy knit materials are uncuttable on this machine.

Cut a wide variety of materials

The Ioline 350^{HF} System handles materials from silk to chenille board and thick leather.* While some fabrics cut well naturally, others require a heat or pressure-sensitive coating or heat-applied backing (sold separately by Ioline) to prevent edge fray or improve bonding to the sticky sheet on the cutting tray.

If there is any question, Ioline engineers are happy to test materials for you. Simply send us sample yardage and a digitized design or description and size of the type of graphics you wish to cut.

Materials	Special Treatment
3M Reflectives Chenille board EconoprintThermo Flock Gorilla Grip™ Holographics Leather Suede: Ultra Stencils Soft PVC Thermo-FILM™ Thermo-FLOCK™ Thermo-GRIP™ II Vinyl	No treatment required
Felt: Sport Suede: Imitation, Sport Twill: Designer Lamay, Designer Plaid, Glacier, Metallic, Poly, Poly Pro, Pro, Sport/II, Stitch Saver	Requires a heat or pressure-sensitive coating
Cotton Denim (2 mm or less) Faux Fur Felt (2 mm or less) Fleece (up to 7 ounce) Nylon Silk Vinyl	Requires a backing or coating

350 Cutter	Metric	English
Cutting area	46cm x 76cm	18in x 30in
Foot print * Requires 9in clearance front and back	61cm x 92cm	24in x 36in
Height	31cm	12in
Width	114cm	45in
Depth	61cm	24in
Weight	34kg	75lbs
Cuttable materials	Virtually any fabric up to .16in (4mm) thick	
Consumables	Sticky sheets (ultra-light, light, medium, super tack), blades (#324 for lightweight mat'l., #325 for other materials)	
Throughput	3in letters: 700 pieces/hour 4in letters: 600 pieces/hour 6in letters: 500 pieces/hour	
Connectivity	Connects to PC via serial or USB port	
Power Requirements	Universal power supply 90–264 VAC, 47-66 Hz (Meets CE specifications)	
Product support	Lifetime free support* <small>* Local and long distance charges may apply</small>	
Warranty	1-year parts and labor	
301 Software		
Operating System	Windows™ 98, 2000, NT or XP	
Stitch editing capabilities	<ul style="list-style-type: none"> ♦ Placement, tack-down, zig-zag, and satin stitch ♦ Stitch width, density and overlap ♦ Change thread color ♦ Move, convert jump to trim, add or delete lock stitches ♦ Top or bottom start point 	
Sew disk capabilities	Barudan (.DAT, .0U1), Brother (.DST), Happy (.DST), Melco (.EXP), Tajima (.DST), Toyota (.TOY), others	
Design software compatibility	Adobe Illustrator™, CorelDraw™, Draw!Mate™, Melco™, Tajima™, Toyota™, and other embroidery software	

“Enables us to get jobs that others have to turn down.”

— *Special Effects Embroidery*

Texas

“Cut my expenses in half. Now I don’t have to wait for orders or worry if they’re right.”

— *National Athletic Sportswear*
Indiana

Grow your business

Develop niche markets: racetracks
fraternity/sorority
golf accessories
resorts/restaurants
weddings, fads
and seasonal wear





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 © 2004 Ioline Corp.
All rights reserved worldwide.
(061407)

Ioline Corporation
14140 NE 200th Street
Woodinville, WA 98072 U.S.A.
Toll-free: 1+800.598.0029 (U.S.A. and Canada)
Tel: 1+425.398.8282
Fax: 1+425.398.8383
Email: info@ioline.com
Web: www.ioline.com