

IOLINE 300

Function	Ioline™ Specs	Features
Dimensions of machine	16" x 45" x 30"	Rugged industrial design
Weight	80 lbs. (36.3 kilos)	Interfaces easily with a PC via COM port
Maximum Cutting Area	18" x 30"	Ioline™ 301 software creates sew disks for your cut applique to be used with your compatible embroidery machine
Maximum Cutting Speed	200-400 pcs per hour	Cuts materials and fabrics (up to 1/16" thick), such as Twills, Sew Suede, Felt, Cotton, Denim, Stencils, and much more.
Blade Force	10gf - 500g	Fits on a 3' x 4' surface (requires 9" clearance front and back)
Blade Life	3,000 3.5" x 14" Cuts	One year limited warranty
Feed System	Flat Bed	
Blade Type	Swivel	
Buffer Size	10 MB for Software	
Motor Type	Servo	
Power Requirements	Universal power	
Input Type	Serial cable	

Computer Requirements	
Operating System	Windows 98/ME/NT/2000/XP Pro
Computer	Pentium III (although a faster CPU is recommended).
Hard Drive	2 Gigabyte minimum (10MB of hard drive free for the Ioline™ software)
Memory	128 MB of RAM minimum (256 MB or greater is recommended)
Ports	Available Serial Port (COM port), LPT Port for Security Key
Design software	Vector-based art program, CorelDRAW!®, Adobe® Illustrator® or sign making software. (Check software requirements for additional information on memory and hard drive space.)
Optional Emb. software	Tajima, Melco.EXP, Barudan.DAT, or Toyota

Ioline™ 301 Software	
Import file types	.PLT, .DST, .EXP, .10o, .DAT, .PLT, .DXF, .MAP
Creates sew disks from PLT/HPGL file fomats	Creates placement, tack down, zigzag and satin stitches. Choice of stitch width, density and overlap. Drives major embroidery machines.
Basic Stitch Editing Functions:	Move, convert jump to trim, add or delete lock stitches. Change thread colors. Cuts multiple copies of pattern outlines, minimizing material waste.

All technical information and recommendations are based on tests we believe to be reliable. However, we cannot guarantee performance for conditions not under manufacturer's control. Before using, please determine the suitability of product for its intended use. The user assumes all risk and liability whatsoever in connection with the use of this product. Seller's and manufacturer's only obligation shall be to replace such quantity of the product proved to be defective by manufacturer.

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INFORMATION CONTINUED

Ioline™ 300 System Includes	Accessory Kit includes
300 System Cutter and Accessory Kit	Ioline™ 301 program CD-ROM
Quick start guide (users manual)	Software hardlock security key (activator)
Removable tray	Accessory list
High tack adhesive sheet	12 month warranty registration card and guide addendum
Medium tack adhesive sheet	Blade warning note and application guide
Low tack adhesive sheet	Blade holder
1-sided backing material sheet	(2) 45 degree blades
2-sided backing material sheet	Serial cable
Power cord	

APPROXIMATE COST COMPARISON

Heat Seal Material	Width	Cost per 10 yd	Cost Per Square Inch	Cap 4.75 x 2.75	Player Name 3x14	Logo 10 x 10
				13.06 Square Inches	42 Square Inches	100 Square Inches
Thermo-FILM®	28	58.00	0.006	0.08	0.24	0.58
Thermo-FLOCK®	28	60.00	0.006	0.08	0.25	0.60
Thermo-GRIP®	28	104.00	0.010	0.13	0.43	1.03
Poly-TWILL™	51	85.00	0.005	0.06	0.19	0.46
Pressure Sensitive Twill	51	127.00	0.007	0.09	0.29	0.69
Perma-TWILL™	51	106.00	0.006	0.08	0.24	0.58
Uncoated Poly-TWILL™	51	69.00	0.004	0.05	0.16	0.38
Glacier TWILL	47	144.00	0.009	0.11	0.36	0.85
Vinyl	45	92.00	0.006	0.07	0.24	0.57
Felt	34	119.00	0.010	0.13	0.41	0.97
Acrylic Felt	34	68.00	0.006	0.07	0.23	0.56
Appliqué-Metallic	50	148.00	0.008	0.11	0.35	0.82
Appliqué-Sew Suede	29	110.00	0.011	0.14	0.44	1.05
3M® Reflective-silver	36	440.00	0.034	0.44	1.43	3.40

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APPROXIMATE YIELD PER SHEET

Yield from an Ioline™ sheet of Twill	sheet size 18" x 30"	sheet size 16.5" x 30"
4" # 8 (2.65" wide)	40	40
6" # 8 (3.98" wide)	16	16
8" # 8 (5.30" wide)	10	10
10" # 8 (6.63" wide)	6	6
12" # 8 (7.96" wide)	3	3
3" letter B (1.99" wide)	60	60
4" letter B (2.65" wide)	40	40

Yields per sheet for these popular word styles and sizes	Vertical Arch Varsity Style	Script No tail Jet Style	Script with tail Jet Style
2.5" cap up to 16.40" wide	10	16	7
3" cap up to 16.40" wide	8	13	6
3.5" cap up to 16.40" wide	7	11	5
4" cap up to 16.40" wide	6	9	4

ACCESSORIES

Product Description	Use	Part Number
30 degree blade (5 pack)	for thin, frayable material	I106988-5
45 degree blade (5 pack)	for thicker materials	I106989-5
Blade holder	replacement part	I107080
Removable tray	improves cutting & weeding efficiency	I107090
Medium Tack Adhesive Sheets (18" x 30")	for lighter fabrics	I107295
Heavy Tack Adhesive Sheets (18" x 30")	for heavier fabrics	I107076

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