

DH Patterns and Fit

ePATTERN CONVERSION



- Digital Patterns

Digital patterns save time and money. The communication with production factories is instantaneous when patterns are attached to E-mails. The need for costly courier services is eliminated. Archiving and retrieval is simple and efficient. Changes to patterns are carried out more economical and factories will adhere to your patterns as a basis for detailing and production.

- Proprietary Systems

The different pattern making systems don't speak the same language. This necessitates translation. DH provides translation services between the following file systems:

Import:	Export:
<ul style="list-style-type: none">• Standard DXF (*.dxf)• ASTM (*.dxf)• AAMA (*.dxf)• TIIP DXF (*.dxf)• ASTM/AAMA Rule Table (*.rul)• Original AccuMark data zipped from AccuMark Explorer• AccuMark Storage Areas zipped from Windows Explorer• Lectra Design (*.mdl)• Lectra Marker (*.plx)• Lectra Piece (*.iba)• Lectra Model (*.vet)• Lectra Marker (*.pla)• Assyst Design (*.*)• Assyst Marker (*.*)• Investronica Design (*.*)• Investronica Marker (*.*)• HPGL (*.plt)• Generic PLT (*.gen)• NC (*.*)• CEI (*.cei)• IGES (*.iges)• GCODE (*.*)• VIRTEK (*.*)	<ul style="list-style-type: none">• Standard DXF (*.dxf)• ASTM (*.dxf)• ASTM/AAMA Rule Table (*.rul)• AAMA (*.dxf)• Original AccuMark data zipped from AccuMark Explorer• AccuMark Storage Areas zipped from Windows Explorer• Lectra Piece (*.iba)• Lectra Model (*.vet)• HPGL (*.plt)• Generic PLT (*.gen)• NC (*.*)• CEI (*.cei)• IGES (*.iges)

- DXF and industry Standards

DXF is the de-facto standard for vector files. The apparel industry¹⁾ created data exchange standards on DXF called ASTM-DXF (D6673) and its predecessor AAMA-DXF (292). Among others, the standards define the layers and data formats for anything from external cutting lines to text



¹⁾ ASTM - American Society for Testing and Materials. AAMA – American Apparel Manufacturing Association. ANSI - American National Standards Institute. AAMA's Apparel Research Committee (ARC) developed initial standards for apparel and sewn products automation. This work has passed through ANSI to the ASTM and is supported by AAMA/ARC to the current work of ASTM International in communication with AAFA's Enterprise Competitiveness Council (ECC). ASTM D6673-10 is the most recent data interchange standard. See www.astm.org for more information. DH is a member of ASTM.

annotation. The optimized DXF data is widely used to import patterns and to feed information to nesting programs and fabric cutting machines. DH provides patterns in standard DXF (all versions) and on request in ASTM-DXF, AAMA-DXF format and proprietary formats (Gerber, Lectra, etc.).

Time and Cost of Conversion

The time and system that is needed to convert a pattern is dependent on the format, size and quality of the original file, the method that was used to separate information and layout of the pieces. A straight forward conversion can take fifteen minutes; a complex translation might take an hour or more. Both are dependent on the level of intelligence and quality control that is required.

- Communication and Response Time

DH sends, and wishes to receive, your Digital Patterns by E-mail. The E-mail subject should follow the name of the attached pattern and include your instructions. For ease of handling, DH limits the number of attachments to one file per E-mail. The Client is advised to follow the same procedure.

DH recognizes the need for a fast turn-around of file conversions. We respond within one working day. If our service is temporarily unavailable, DH will notify you immediately upon receipt. If you expect a series of files for conversion, please notify DH in advance, so that we can be extra alert and assign top priority to the assignment.

- Free Test Conversion

Clients are invited to send us one of your typical files and get a free conversion with pricing estimate together with our observations to streamline conversion at reduced costs. If you have special needs, please do not hesitate to contact us and we will see what we can do to serve you. You may want to send us an overview of the systems in use at factories you co-operate with, and we will do a free conversion analysis for you.

- Contracts and Pricing

DH works together with clients on the basis of a Service Provider Agreement (SPA). The SPA regulates the standard terms and conditions, confidentiality and the mutual obligations for a successful work relationship. The agreement has a minimum of 12 months. The hourly rates and product prices are determined by the anticipated workload for level I through V of the Volume Purchase Agreement (VPA). The SPA, VPA and workload planning documents can be requested by E-mail.

File conversion are undertaken by unsigned E-mail. Digital Pattern delivery in a format other than standard DXF can be ordered on the signed Work Order for base patterns and toiles and will be invoiced as part of the pattern.

For pricing of Digital Patterns see the Volume Purchase Agreement. For conversion of existing patterns in raster or vector format, or for the purpose of archival and retrieval, please contact DH Patterns and Fit for a project proposal.