IECHOSOFT Garment CAD

Garment CAD includes: Style Design, Pattern Design, Grading, Auto Marking, Process Design, and Data Convert.

Style Design

Supply many designs and international standard PANTONE textile color card.

Supply open and powerful design style library, fabric library, part library, etc. to designer for reference.

Change colors, fabrics, material on model practically, display effects quickly for selection.

Supply many kinds of fabric and color filling ways to get different color matching effects and shorten design time.

Modify pictures scanned, taken by camera and downloaded from internet freely for designer to get new idea in short time.

Pattern Design

Supply many tools for different pattern design approaches, such as proportion pattern making, formula pattern making, prototype pattern making, intellective structure-line pattern making, convenient pattern making etc., to meet the different requirements of pattern designers of different ages and different habits in pattern

making.

Supply many kinds of intellective curves models, you only need confirm three basic points, then the curve will be created automatically, you can also modify it freely.

Show all tools with buttons and provides shortcuts for making dart, pleat, allowance, special angle, lace, division, abutting, notch, shrinkage, etc.

Supply multi measurement tools to get accurate data and keep them in the specification table for reference.

Supply comparing tools, compare two patterns for modification.

Supply standardized input and output functions, can connect with other output equipments.

Grading

Supply the most complete and convenient grading approaches, such as Auto-grading, Spec-grading, Equal-grading, Unequal-grading, Copy-grading, Direct-grading after inputting etc.

Divide the graded pattern at will and there is no need to set again before grading, which improves efficiency.

Supply copy function to the positions with the same requirement of grading or with the same template, which makes the process easy and convenient.

Transfer the modification of prototype pattern to all the corresponding graded patterns automatically.

Supply intellective direction prompt, which makes your selection easy.

Check the effect of grading immediately.

Auto Marking

Supply different proposals instantly.

Supply operations of exceeding width and information of pieces exceeding width.

Supply kitted roller function to knitted material.

Supply "setting with nap" function to fabric with direction requirement.

Show used length, utilization rate, unmarked piece automatically.

Set different shrinking rate directly according to different fabric, and the remarking after the setting is instant.

Small pieces fill the lap automatically and save a lot of time.

Output the marker sheet in the proportion of 1:1 or in any another proportion either by plotter, or as the data of CAM directly.

Process Design

Make complicated manual making process easy, establish enterprise process form model according to text and chart link to strengthen production management.

Abundant graph tools, for example: Single stitch, double stitch, bridding, covering stitch, zip, button, etc., which makes graph easier, and modifies without any trace.

Supply abundant color library, make process design more beautiful practically.

Powerful parts library, you can select different parts according to your needs.

Supply special symmetrical graph way, which make working efficient.
Matriculate information such as pattern automatically, mark process signals at special places.

Data Convert

No matter where you are e, over a dial up connection with your partner, ECHO can get you to communicate with your partner freely, advance efficiency information transferring and reduce information transferring cost with long-distance data transition and transferring system.

You needn't pay large amount of mailing cost.

You needn't check if the patterns have arrived.

You needn't worry about production delay for patterns shipping delay or custom problems.

You needn't worry about business for data communication with international CAD software.

Data could be converted by ECHO CAD directly, TIIP-DXF (Japanese CAD standard), AAMA-DXF (American CAD standard) both could be transferred by echo. This ensures the converting of data between different systems of different countries conveniently.