

P.E.P. TECHNOLOGY[®]

Tomorrow's Automated Manufacturing Technology.... Today!

Liebovich Brothers and P.E.P. Technology

Liebovich Brothers has been using the P.E.P. Technology software to program 7 cutting machines since 1994. Their programming manager, Kennedy Chosco, uses P.E.P. on a daily basis to quote jobs and create production nests for the shop. In a personal interview we asked Kennedy to comment on the P.E.P. "CAD Converter" module, one of many software modules that come with the P.E.P. package.

Here are Kennedy's comments on the P.E.P. CAD Converter.

1. What is your title? **NC programming manager**
2. What are you responsible for? **Programming and estimating costs for quotes**
3. What types of cutting machines does Liebovich use?
 - Standard Plasma: 2 conventional plasma tables
 - HD Plasma: 1 MG gas table
 - Combination: 1 Esab gas and plasma table
 - Gas: 3 Esab gas tables
4. How many years of experience does the most experienced programmer have? **15 years**
5. How many programmers do you currently have? **4 total**
6. How has the P.E.P. CAD Converter made a difference in your department?
 - He receives more than 20,000 CAD drawing per year from customers, about 85 CAD files per day.
 - He uses the CAD Converter software to change the CAD files into a finished cutter path automatically.
 - He likes the fact that the software automatically finds and fixes all of the geometry errors and develops the internal and external continuous cutter path automatically. The automation saves him hours every day by correcting errors that would otherwise require him to fix in AutoCAD.
 - He likes how the grain icon selection on the CAD Converter menu allows him to label parts with grain restrictions and to set the type of grain (soft and hard grain). The software saves the grain icon location and rotation permanently with the converted part and enters the grain type and angle into the P.E.P. drawing database. Later, when the part is nested, the software will reference the database for the grain type and angle to prevent the part from being nested at the wrong rotation.

How the P.E.P. CAD Converter assists their sales department in quoting jobs.

Learning the true cutting distance of a part is a snap with the P.E.P. software because it only takes a few seconds to convert a CAD file.

As each part is converted the cutting distance is calculated and saved permanently along with the drawing. Then, whenever the part is highlighted in the P.E.P. drawing directory the "Part Preview" feature will display both the cutting distance along with the part.

Kennedy says that they have calculated the savings of this one feature to be saving them 59 hours of programming time each year.

