



Lantek NEWS

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Next Meeting: FABTECH 2003

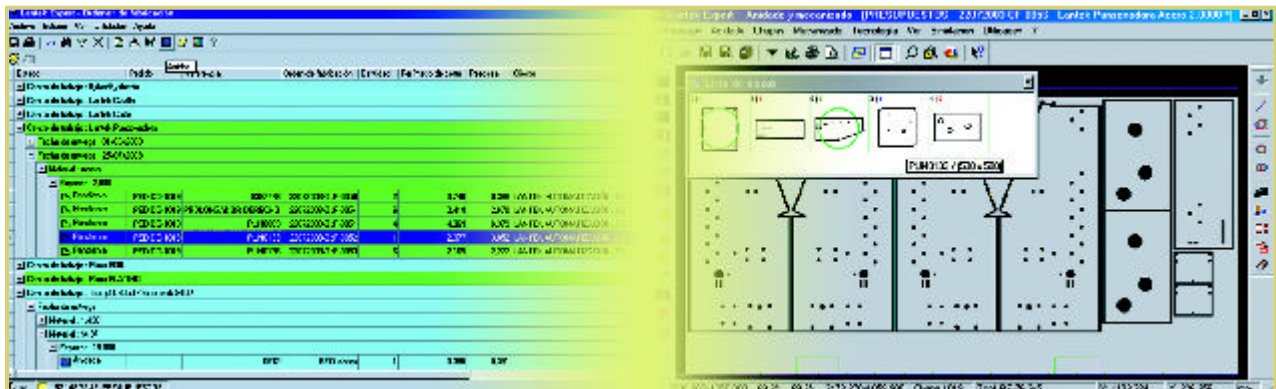
Continuing with our commitment to provide latest generation solutions for the sheet metal industry, **Lantek** will present the most recent version of the well known CAM system, **Lantek Expert**, during the coming FABTECH (Chicago – USA) as well as significant new improvements in other products that **Lantek** develop.

Lantek Expert III Quotes module allows the user to quote parts coming from DXF format, as well as existing parts stored in the database. The user can also easily produce a quick sketch of a part. These quotes are calculated based on the technology tables that **Lantek Expert** includes by default.

the profit margin and the quote can be recalculated with different profit margins or mark-ups.

- Remnants and scraps can be assigned in the final quote.
- When the quote has been accepted by the customer, it can simply be turned into an order and sent to production with the click of a mouse.
- Multiple reports available: reports of all the quoted jobs and even the possibility of saving them in a quote history report with all the information: customers, date, etc.

Lantek Expert III Manufacturing orders module is a crucial tool for any Production Manager, who will be able to know



The benefits for the user are:

- Time savings up to 80 % in the quoting process.
- Significant increase in the accuracy of the quotes.
- A sketch of a part can be drawn in just a few seconds, using a quick drawing assistant, with no need to go into the CAD module to actually draw the part.
- Quotes can be compared: if a job has been carried out with a laser machine, for example, the cost of doing the same job on a punching machine, or even on two different laser machines, can be calculated and compared.
- The Quotes module allows the user to increase or reduce

at any time which parts are pending, nested, completed... and all the important information about any part to be produced. There are also several different criteria in order to group and/or to filter all these parts.

The benefits for the user are:

- It puts an end to paperwork on the shop floor, avoiding missing parts.
 - Up to 30 different criteria to group and/or filter parts.
- With this, the user can save material, minimize the changes of programs and machine stops, minimize delivery times...

Product

- Total control in real time of the status of any part (not designed, pending, nested or produced).

Both modules are fully integrated with **Lantek Expert Cut and Lantek Expert Punch**.

Lantek Flex3D Bending allows users to manage their press brake machines.

The main features are:

- Powerful SAT 3D, IGES 3D and DXF 2D importers, reading all of the necessary bending information such as thickness, radius, angles...

- Automatic part unfolding (partial and/or total) automatically calculating notches if required. Possibility to define many different unfolding rules: (DIN, tool, material, thickness dependant DB,

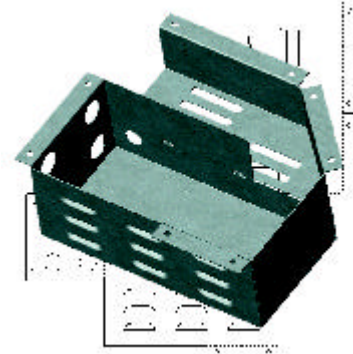
user defined criteria...).

- Possibility to export the unfolded geometry to DXF format and/or to **Lantek Expert Cut or Punch** internal format.

- Automatic or manual bending sequence generation, automatic tool setup calculation and positioning on the machine. Possibility to use different tool sets for a part.

- 2D and/or 3D bending sequence simulation. Possibility to simulate the real machine environment (machine, tools, backgauges, part, floor, supports, angle...). Collision checking between machine – part – tools – floor – supports during simulation.

- Available post processors for all leading control systems in the market (Delem, Cybelec, LVD, Esa, Komatsu...)



FABTECH[®]
INTERNATIONAL

Stand 17151

LVD/STRIPPIT - LANTEK: WORLDWIDE AGREEMENT

LVD/STRIPPIT punching and cutting machine tools, one of the leading worldwide references in the sheet metal industry, are now driven by the off-line programming software developed by **Lantek**. This is a consequence of the collaboration agreement signed by both companies and that Alberto Gabika, Commercial Director of **Lantek**, describes as, "a huge step for **Lantek** in our strategy for international growth".

The initial contacts took place almost three years ago, during this period of time the technical departments of both companies have been working together in achieving the desired solution. "It has been a long and hard working period in which listening has been crucial. We liased closely with LVD/Strippit in order to know their exact needs and what they expected from us", remarks Alberto Martínez, Technical Director of **Lantek**, who is very proud with the response given by the Development Team that he leads: "LVD/Strippit's requests were important and **Lantek**'s response has been outstanding".

Merge: LVD-Strippit

LVD/Strippit group is the result of the merging process completed three years ago by the Belgian corporation LVD and the American corporation Strippit. LVD is specialized in the fabrication of punching machines, press brakes and laser cutting machines while the corporation based in Buffalo is one of the most important references worldwide when talking about CNC punching machines.

Lantek is currently one of the leading companies worldwide in developing software solutions for the sheet metal industry. "This marriage will be very positive for both companies. For **Lantek** it is very important that one of the leading OEMs in the sheet metal industry worldwide will provide **Lantek** systems with all the punching and laser cutting machines they sell and this is something to be very proud of. And for LVD/Strippit, thanks to **Lantek**'s software, their punching and cutting customers are guaranteed to have a product that is at the forefront in the industry and in permanent evolution thanks to a Development Team of 30 engineers", highlights Gabika.

Interview

We noticed significant material saving and increased machine efficiency

M.C. Laser Werks Inc. provides a full range of precision laser cutting, welding and forming. Whether you require prototype work for a complex part or a production run on several different parts, they are the one stop source for all your custom manufacturing needs.

MC Lights and Manufacturing Ltd. specialize in the manufacture and supply of Lights to the entertainment industry. Our sister company, **MC Laser Werks Inc.**, provides a full range of laser cutting, welding and forming.

After evaluating a number of CAD/CAM and MRP solutions, it was decided to purchase the **Lantek Expert** range of software.

We do a wide variety of specialized jobs and needed a system that would allow us to react quickly to our customer needs. The integration of all the **Lantek** software modules has significantly reduced the lead times in all areas of our business.

The ability to have orders transferred automatically to the CAD/CAM software is a big Plus.

All operators use PC workstations enabling us to run a Paperless operation with Real Time feed back.

In our business, speed of supply is essential. The **Lantek Expert** CAD/CAM solution has enabled us to fully utilize all the features of our Trumpf and Mazak lasers.

Features like common line cutting, pre-pierce technology, head down technology, etc have made a big difference to our production output.

The inventory, sheet and remnant sheet tracking have allowed us to improve our stock handling.

We noticed significant material saving and increased machine efficiency.

Mike Bilyk (President)



Lantek in numbers*

- over 3600 customers in 62 different countries
- 18 years of experience
- 9 branch offices around the world
- systems available in 13 different languages
- 100 employees
- development department of 25 engineers
- 25% of our total turnover is invested in R&D

*sources September 2003

Interview

Quoting with 99.5% accuracy achieved by Lantek *Expert* - Fantastic

Coupsag are a Laser Job shop situated in Montreal, Canada. One of the major factors for choosing **Lantek *Expert*** as their CAD/CAM solution was the ability to produce accurate costs and times for quotes. This was key in improving the efficiency of their operation, for sales and production control.

Lantek *Expert* produces extremely accurate times, allowing for accurate quotes and accurate scheduling of work centers. The following are some of the items included in the time calculations:

- Piercing times
- Cut qualities
- All accelerations and decelerations
- All stops
- All rapid moves
- Film burning
- Etching

Cost for all processes are calculated. These costs include all material costs, remnant costs, all consumables (i.e. Laser gas, tooling, lenses, nozzles), all labour costs, machine costs, overheads, etc.

To verify the accuracy of **Lantek *Expert***, we calculated the times and costs for an \$11,000 order, ran and timed the actual order on the Laser. There was a difference of \$100 between the calculated and real time and cost. **Lantek *Expert*** calculated the quote with an accuracy of more than 99% ... Unbelievable!!

VERY IMPORTANT

We inform you that **Lantek USA** has changed the telephone and fax numbers.
New contact numbers:

Tel.: +1 - 903 714 0709
Fax: +1 - 903 769 9259



If you would like to receive **Lantek *Expert***, fill in this coupon and send it to **Lantek Systems**, by e-mail at the following address: sales@lantek-systems.com

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