



Lantek NEWS

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Next Meeting: EMO 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 EMO (Milano – Italy) 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

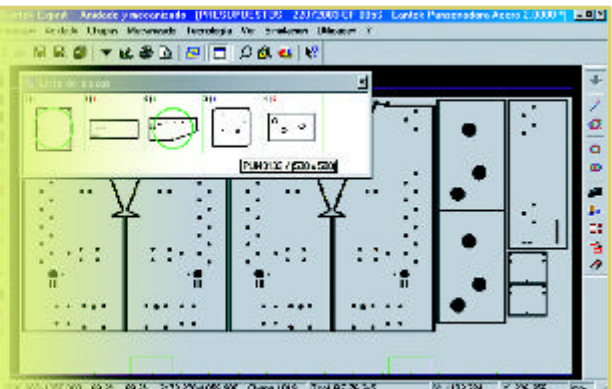
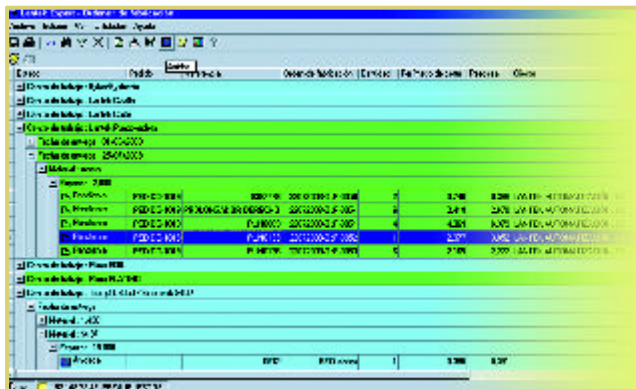
- The Quotes module allows the user to increase or reduce the profit margin and the quote can be recalculated with different profit margins or mark-ups.

- 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



default.

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.

tool for any Production Manager, who will be able to know at any time which parts are pending, nested, produced... 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,

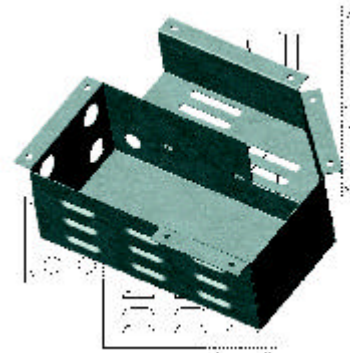
user defined criteria...).

- 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 current market (Delem, Cybelec, LVD, Esa, Komatsu...)



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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

Mastafab, with Lantek from the start

Mastafab Limited, a company located in Newcastle-under-Lyme, have relied on Lantek from the very beginning of their business. Mastafab have selected Lantek *Expert II* as their CAD/CAM for design and punching operations. Mastafab have specialised in manufacturing narrowboats and have significant growth expectations in the short and mid terms.

In just 7 months, Mastafab Limited have grown from an empty factory to a bustling business with a workforce of 22 hand picked multi skilled engineers and a turnover of £100,000 per month.

From the 16,000 sq ft facility in Newcastle-under-Lyme, they have diversified from their core business of bespoke fabrications primarily for the road transportation industry into new and exciting markets such as the leisure industry.

With the seventh traditional narrowboat leaving the factory, and more to follow, the new projects

provide the engineers with new challenges on a daily basis. *"We believe our success has been due to our experience in the metal processing and fabrication industry (over 100 years between the three Directors), coupled with the expertise and talent of our engineering team."*
- Mark Stewart - Sales & Marketing Director.

Components are nested ready for production using the latest **Lantek *Expert II*** system, which is directly linked to the Trumpf and Whitney punch / plasma combination machines. A 400 tonne brake press compliments the production machines.

"The Lantek system was clearly the most suitable for the application, the technical service has been second to none" - Malcolm Ball – Managing Director.

"With new enquires arriving from all directions, the future looks very promising for Mastafab. We firmly believe that our investment in the most advanced CAD/CAM technology, the highest quality metalworking machinery and an experienced, multi skilled workforce will result in Mastafab Limited rapidly becoming the leading fabricator in the area", declares Mark.

Mastafab Limited can be contacted by telephone on 01782 571940

Piper Boatbuilding can be contacted by telephone on 01782 510610



Lantek news

Open House: Lantek - Punch Press Services

Glorious summer sunshine did not keep visitors away from the Open House at Sandbach based Punch Press Services. The idyllic Cheshire countryside setting less tempting than the state of the art technology and equipment held within.

Star of the show was the Rainer PRO1525 machine. With a hit rate of 1300 hits per minute, six E station auto index, fully indexable multi-tools, and upform ram, you couldn't help but be impressed.

Andy Naylor, Sales Manager for Rainer was thrilled with the turn out. "We have an outstanding machine, the most advanced tooling, and the leading CAD/CAM system here on show. It's no surprise that we are busy!".

Wilson Tool were also kept busy

explaining the latest developments in tooling technology. Productivity, profitability and efficiency being the buzz words in the 'Tool Maintenance' seminars.

It wasn't just the latest hardware that was on show, the new version of **Lantek Expert** was keenly viewed by the visitors; many surprised at how far advanced the **Lantek** software is over its competitors. Speed and ease of use was the order of the day for getting the best out of the various machines being demonstrated.

The Open House was a resounding success, and resulted in a number of quality leads for all parties involved. Book early for the next one !

More information can be found at www.punchpressuk.com and for Wilson Tool, free phone 0800 373748.



If you would like to receive **Lantek** news, fill in this coupon and send it to **Lantek Systems**, Malvern Hills Science Park, Geraldine Road • Malvern, Worcestershire WR14 3SZ (United Kingdom). You can also ask to receive it by fax on: +44 (0)168 458 5201 or by e-mail at the following address: sales@lantek-systems.co.uk

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