

Software: The Key to unlocking hidden profits

Software investments have incredibly short pay back times, not only for the software investment but for all equipment , by increasing yields and reducing idle times.

Maximize the productivity of your high value investments in sheet metal machinery

- Investments in the right software will multiply the capacity of your existing machines, while reducing part rejections, improving quality and delighting customers with fast on time deliveries.
- Improve material flow, manage inventories better and reduce costs in fabrication operations, from cutting, bending, welding and finishing.
- Develop data driven business processes that gives you competitive edge and keeps profits rather than leak profits.



Praxis, the definitive Fabrication Execution System from Metamation, brought to you by Proteck. Software built in India, for the World.

FluxCut is the most advanced CAM system for programming laser cutting machines, available today.

Truly automate laser programming: Software intelligence analyses your drawing data and selects most optimal cutting strategy.

Maintain control over process: Avoid Over and above the near perfect results of FluxCut, manual intervention is made very easy too with new user interface features.

The Smartest Nesting system: The fastest nesting system available today, generates process optimized layouts minimizing overall production costs and with near total elimination of rejections.

Collision prevention: Sophisticated algorithms compute probability of tipping of cut parts and manages routes to avoid collision.

Cutting technology data: Detailed technology and process data are applied in generating the most optimal CAM program.

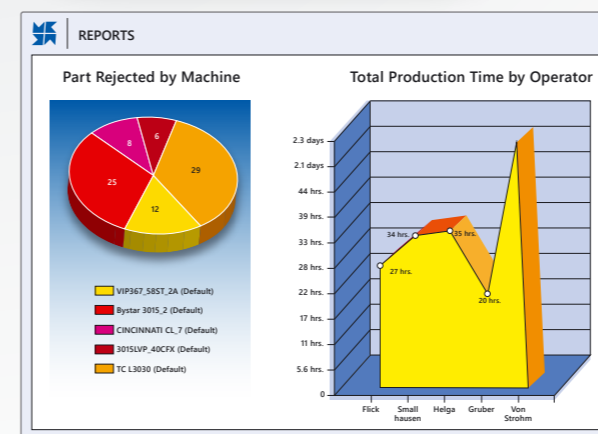
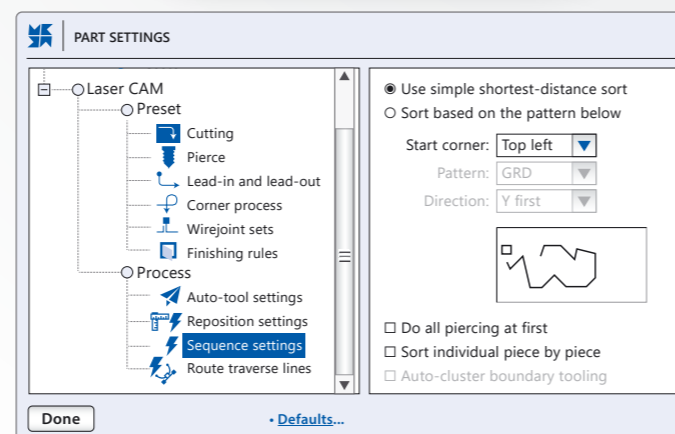
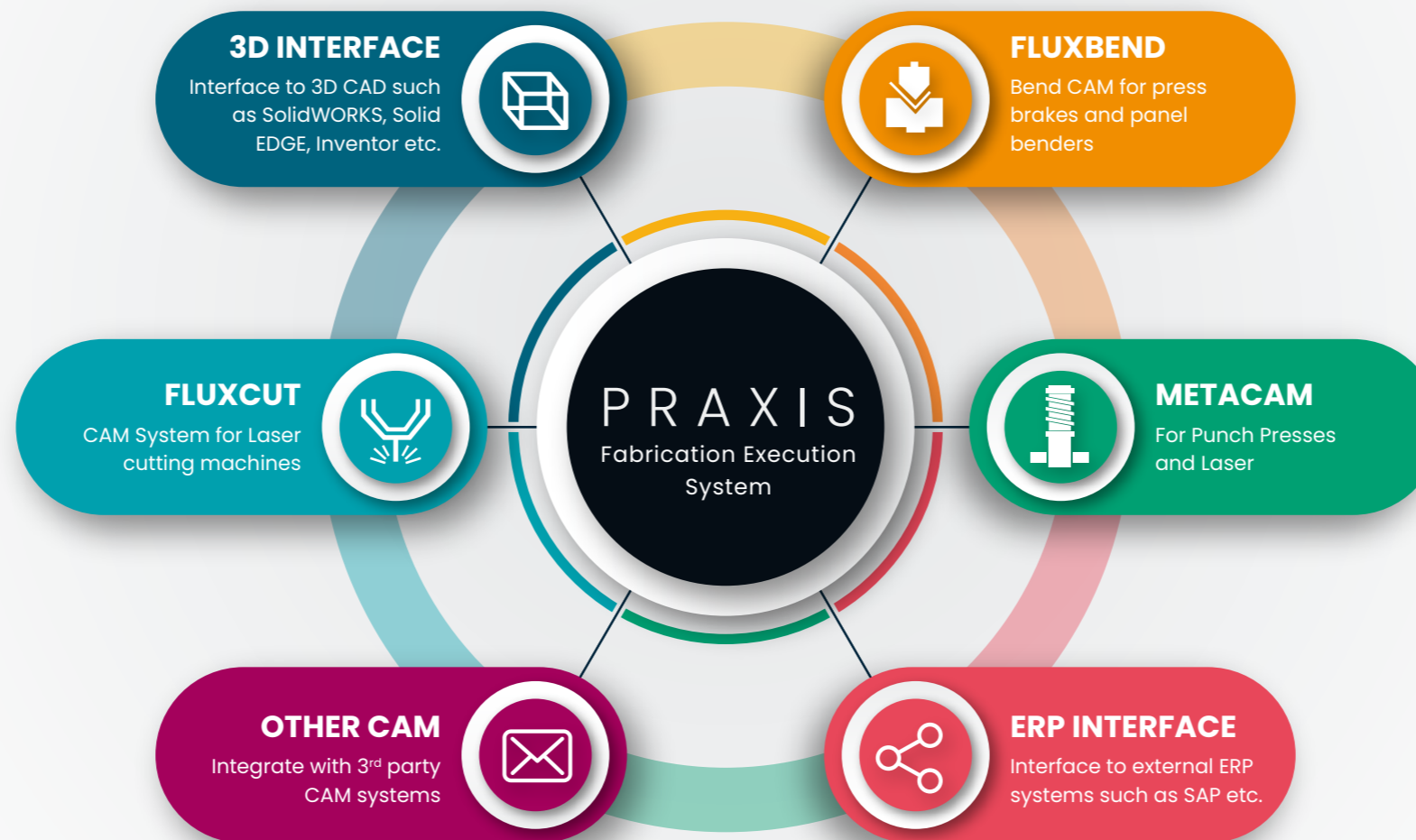
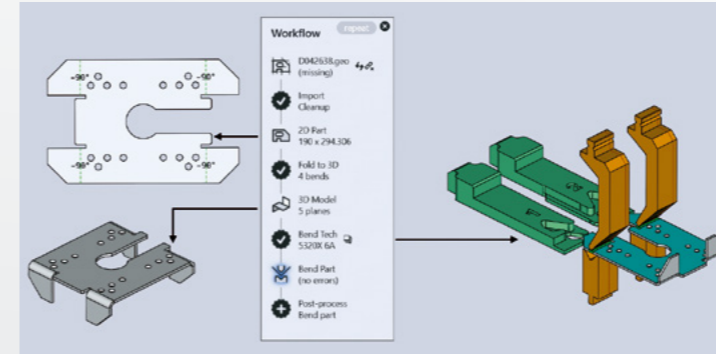
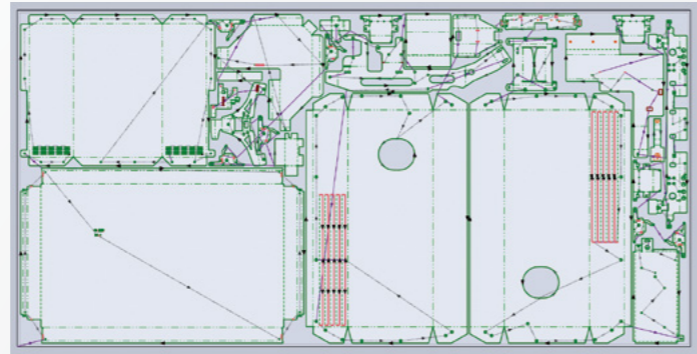
Open System: Ready to interface with legacy and competing CAM systems.

Keep the software you are familiar with: Praxis offers the ability to work with other systems so that your software investments continue to work for you. (subject to co-operation with supplier).

Update your legacy software to Praxis family progressively: No need to change all systems to new. Integrate Praxis work flow and then proceed to update to newer systems

Manage your workflow in one system: All your jobs are processed the same way, irrespective of which CAM system you use .

Phased migration path: With Praxis, you can choose the pace of upgradation to suit your organizational goals. No need to turn everything up side down, over night.



FluxBend: Is the most advanced CAM system for bending, available today. Automate program generation for Press brakes and Panel benders.

Keep control of your full workflow: A step by step workflow menu gives you a very intuitive operation with full control over each bending step.

Full collision checks on each bend step: Avoid the risk of changes within the job or even damaging your equipment with unforeseen issues.

Manage your tooling: All of your tools could efficiently be managed in FluxBend. The best tool will be automatically selected to produce highest quality and minimized wear out.

Boost the efficiency of your machine: With the Tools Setup Optimizer you could save valuable unproductive machine setup time.

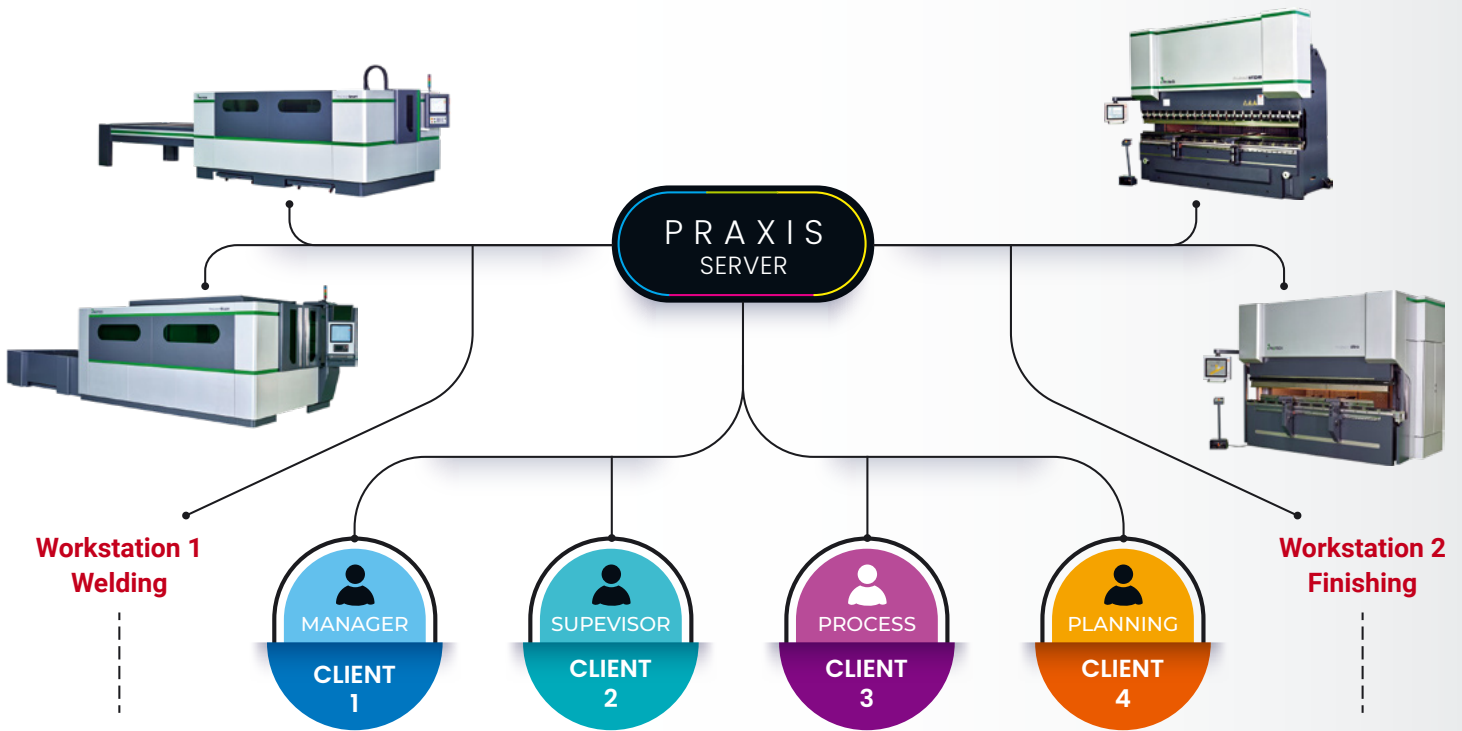
MetaCAM: The proven CAD/CAM system with a user base of >10,000 world wide.

Turret Punch Presses: Software intelligence analyses your drawing data and selects right combination of tools and path planning. Truly advanced Turret punch programming.

Stand-alone 3D modeler for Sheet metal: Quick, easy to use sheet metal modeler without investment in full blown 3D software.

The Smartest Nesting system: The fastest nesting system available today, generates process optimized layouts minimizing overall production costs and with near total elimination of rejections.

Duct designer: Fast and intuitive tool for HVAC, piping and duct design. Full visualization of the design in 3D Create and export data seamlessly. Legacy MetaCAM data sits comfortably with the data of today, generated by other sophisticated Metamation software.

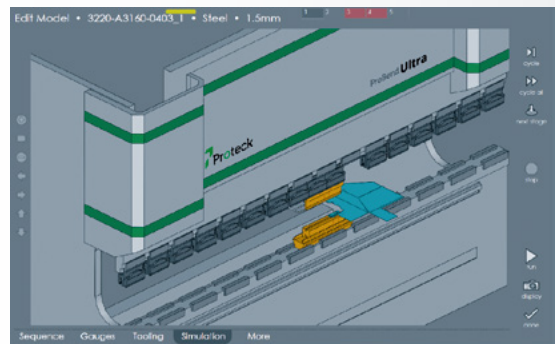


The Praxis system networks with all Proteck machines for total synchronisation of data in the production system:

- “NC Code free” operations. System will generate NC code based on jobs / nests in queue
- Real time edits to process are captured and tracked for future use or error tracking
- Complete situational awareness of the production underway is made available in real time
- Job orders and associated data are transmitted automatically to the designated machine to maintain load balance



TMM – VULCAN : Advanced CNC controls that power Proteck Lasers can be Clients of the Praxis Network, communicating in real time the current status of the ongoing process. It is possible to view the process on-screen in any of the Praxis client terminals.



TMM – RA : Advanced CNC controls that power ProBend press brakes can also be Clients of the Praxis Network, communicating in real time the current status of the ongoing process. It is possible to query tool inventory and the current tool set up to optimize bend process for minimum tool changes.



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