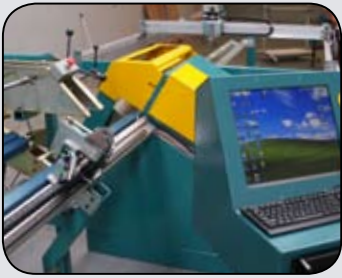


Custom-Design Production Solutions

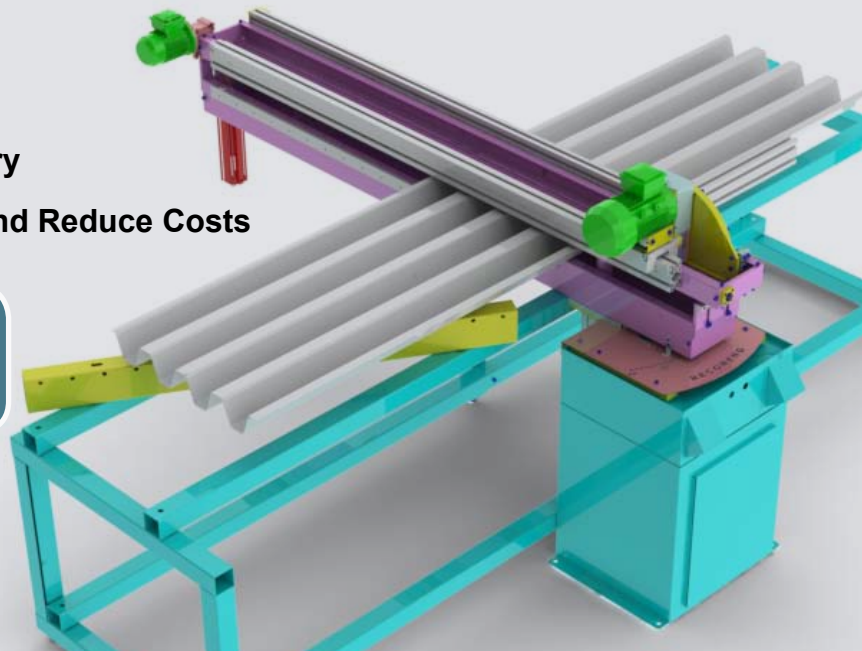
Cutting Drilling Press Punch CNC Plasma Oxy-Flame



- Affordable Automated Production Systems
- Custom-Design to Suit Process
- Material Feeder and Loader Integrated
- New or Retrofit to Your Existing Machinery
- Speed Up Production, Eliminate Errors and Reduce Costs

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Want to know more about our *Custom Applications*? Contact us **NOW** for a **FREE** demonstration.



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Think we can design a production application for **YOU**? Contact us **NOW** for a **FREE** assessment.

Custom Cold Cutting Systems

- Aluminium, steel, fiberglass cutting and more
- Bar feeder and loader integrated saws
- Cuts collect and sort systems
- High speed, high capacity saws
- Long stroke, mitre and compound saws
- Special and difficult application saws



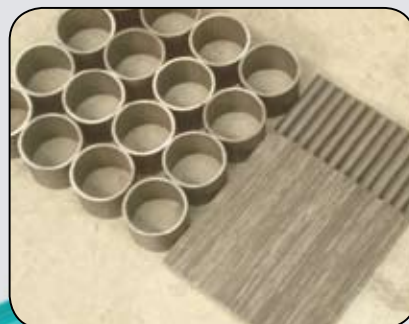
Custom Press Punch Applications

- Mechanical, hydraulic and air actuated presses
- High speed, high force punching applications
- Continuous production with tube feeder and loaders
- Programmable half or full side punching
- Auto tube measurement and hole nesting
- Self-centering tool / mandrels with slug removal



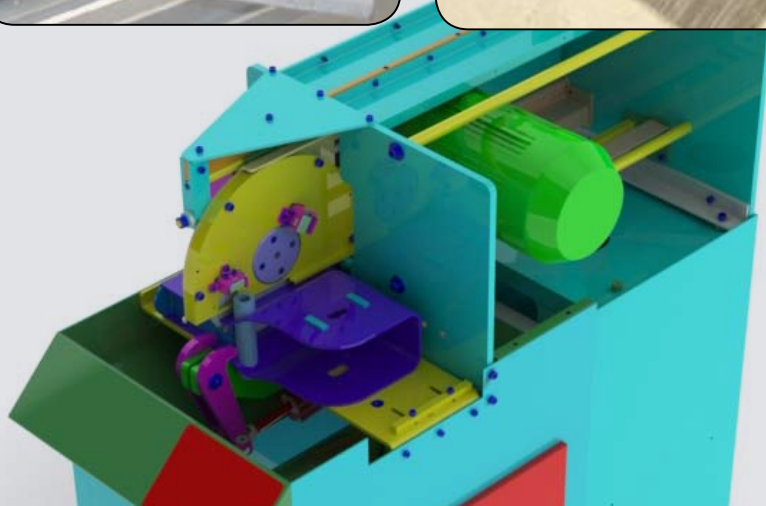
Automated Industrial Drills

- Custom-made drilling and tapping applications
- CNC hole positioning, feed, clamping
- Piece rotation for all-side drilling
- Multi-spindle heads and tool exchangers
- Drilling, tapping, counter-sinking and more



Every production-critical business needs effective automation to stay one step ahead.

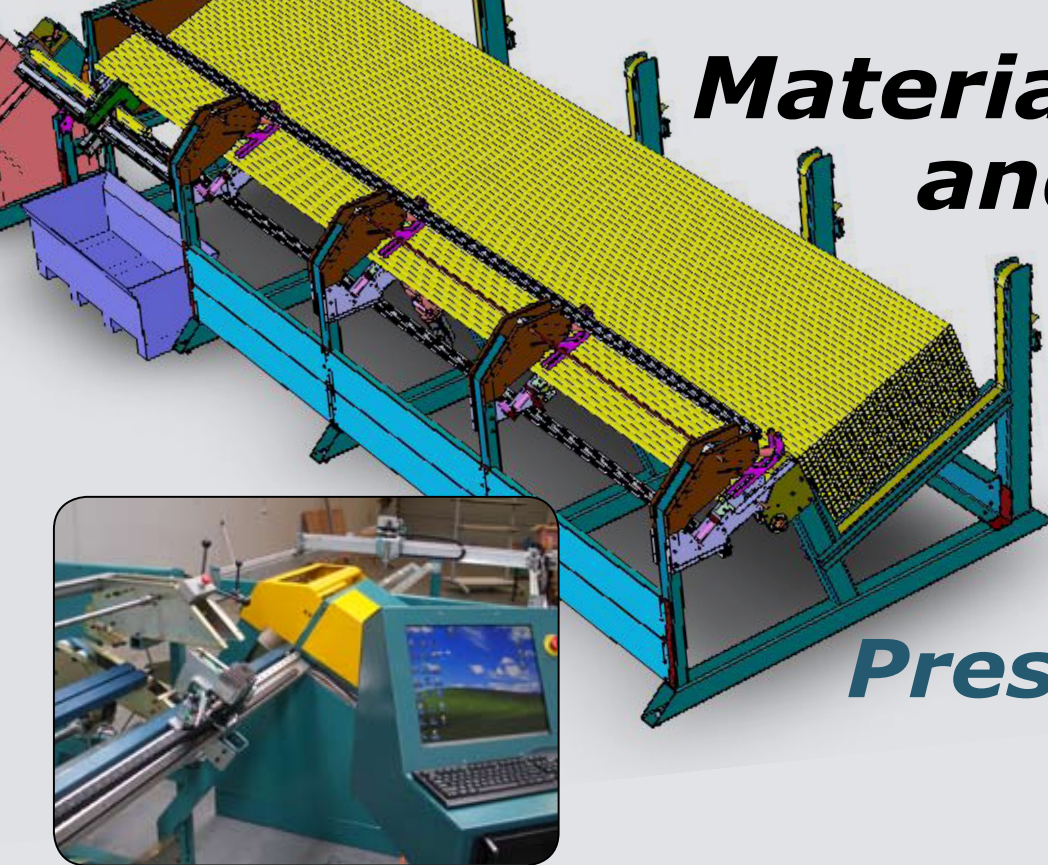
If you're spending a lot on labour for repetitive manufacturing, have accuracy problems, or just an unusual production requirement, **ReconEng** can provide a production solution to get your business ahead.



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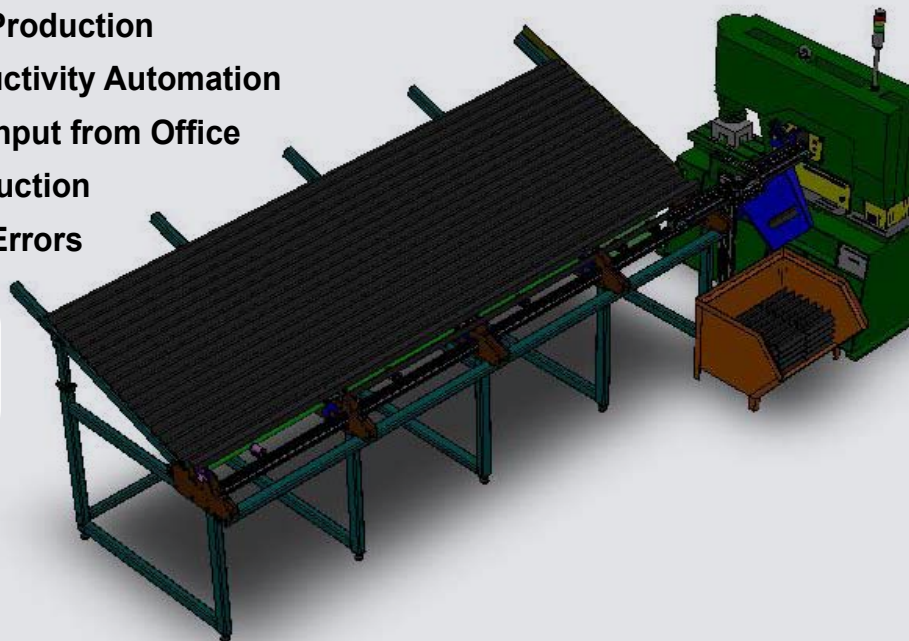
Material Feeding and Loading Solutions

Cold Saws Drills Shears Press Punches and More



- **Retrofit Material Feeding and Loading Systems**
- **No Supervision Required Continuous Production**
- **High Accuracy Positioning, High Productivity Automation**
- **Wireless Internet Integration for Jobs Input from Office**
- **Custom Design to Maximise Your Production**
- **Increase Production, Reduce Costs & Errors**

ENQUIRE NOW Find out more about our *Feeding and Loading Solutions*? Contact us **NOW** for a **FREE** demonstration.



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Think we can design a production application for **YOU**? Contact us **NOW** for a **FREE** assessment.

Improve productivity and reduce wastage - affordable material feeding and loading solutions for your production.

Flexible application with solutions to suit both large production run process (fewer jobs of high qty) and small production run (many jobs of small qty). Standard solutions or custom design (mechanical and software) made to suit your process.

Wireless internet / USB integration, enabling job setup and input from office. Simply setup your job lists in Excel and upload it to the machine from your office, ready for the operator.



- Standard and custom-design solutions to suit process
- User friendly interface with colour touch-screen control
- Wireless Internet / USB integration with jobs input from office
- Custom (Windows XP) software solutions for production jobbing
- Integration in multi-stage automated applications (drill / cut / rivet / tap)
- Full factory warranty with seven day a week engineering support



**Upload Job Lists Over
Your Wireless Network**



**Machine SMS Operator
on Job Completion**



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CS12BL CUTTING LINE

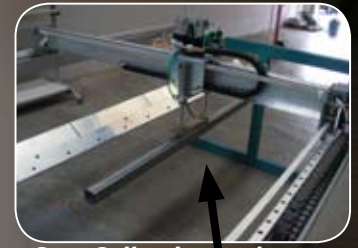
Continuous Cold Cutting Production



Motorised Mitre Angle ($\pm 60^\circ$)



Quality Automatic Cold Cutting Unit



Cuts Collection and Sorting System



High Accuracy Bar Feeder with Pneumatic Clamp



High Capacity Bundle Tube Loader

- Continuous Production Cutting of RHS, SHS and Hollow Round Bar
- Outstanding Cutting Productivity with Little to No Labour
- Accurate Cut-to-Length Tube Feeding and Mitre Cutting ($\pm 60^\circ$)
- Cuts collection and sorting into bins system
- From-the-office cut lists setup and upload to machine (Wireless Internet)
- SMS operator on job completion

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Want to know more about CS12BL Cutting Line? Contact us NOW for more information.

All your tube cutting tasks integrated and automated in one machine - high-volume continuous cutting solution for SHS, RHS and hollow bar tubing.

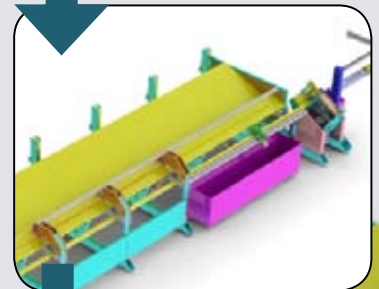
Fully automated cutting, with continuous unsupervised process. Simply load the tubes, set your cut-list and collect finished pieces.

High-capacity bar loader and high accuracy bar feeder integrated with an automatic cold cutting unit with motorized actuation and mitre angle ($\pm 60^\circ$). Cut pieces collected and sorted to bins with an integrated cuts collection system.

Wireless internet integrated with computerised CSV cut lists setup. Setup and upload cut lists from the office, ready with day's cutting for the operator. When job is completed machine sends SMS to production control.



**Upload Cut Lists Over
Your Wireless Network**



**Machine SMS Operator
on Job Completion**



Technical Specifications

- Cutting capacity 80×110 mm with $\pm 60^\circ$ programmable mitre cut
- Integrated bar feeder with 2500 mm stroke and high positioning accuracy
- Loader capacity up to 5 tonnes with tubes up to 12m long
- Up to four nested cut lengths per tube with full mitre angles
- Industrial PC control with user friendly Windows XP control application
- Computer-based CSV / Excel cut list setup with 200+ jobs memory
- Wireless internet integrated enabling cut lists input from the office
- Saw SMS operator on job completion or error



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Industrial Engineering

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