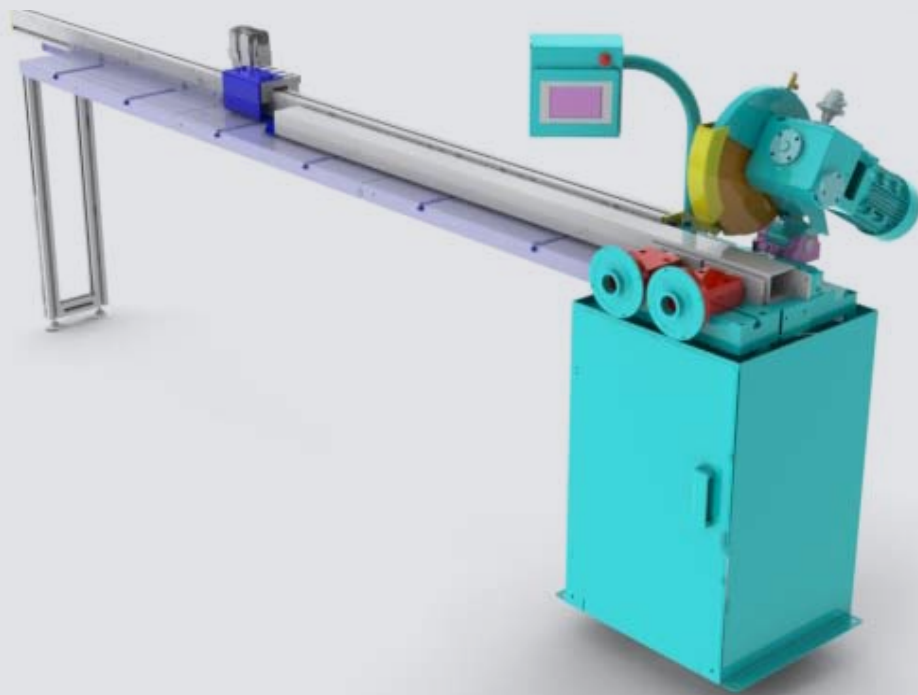


ProfiFeed

Affordable Automation Solutions

***Cold Saws
Drills
Press Punches
and More***



3/6 Fowler Road Dandenong South VIC 3175 AUSTRALIA

T +61 3 9793 9358 F +61 3 9793 9308

reconeng@reconeng.com.au

www.reconeng.com.au

WHAT IS PROFIFEED?

ProfiFeed is a range of simple automation solutions for your Cold Saws, Drills, Shears, Press Punches and More. Based on in-house designed and made bar feeder, loader and actuator products, ProfiFeed can fully automate any semi-automatic or manual production processes with accurate linear positioning and material loading, achieving exceptional productivity gains.



PROFIFEED APPLICATIONS

Automatic Ferrous Saw

- Automatic bar feeder and electronic saw actuator
- Auto cutting to length requiring no operator supervision
- Optional integrated 1D-Plus material nesting optimisation and stock management suite



Automatic Aluminium Saw

- Automatic bar feeder integrated to a semi-auto saw
- 20,000+ cuts per day production
- WLAN / ethernet integration for paper-free production control



Automatic Press Punch With Bar Loader

- Automatic incline loader and push-pull bar feeder
- Continuous operator-free tube punching production
- Automatic hole-nesting applications to suit your production



Automatic Cold Saw With Bar Loader

- Automatic incline loader with bar feeder
- Continuous supervision-free cutting to length
- Direct-from-CAD cutting list management and production





Want to know more? Contact us NOW for a FREE assessment of your production!

WHY PROFIFEED?

Quick Payback On Your Investment

Our customers report that ProfiFeed upgrades pay for themselves in 6 to 12 months. ProfiFeed automation of manual process' typically achieves four to eight-fold increase in productivity. With reduced waste and eliminated rework, it's easy to see how ProfiFeed pays for itself in no time!



High Productivity, Simple to Use

ProfiFeed eliminates tiresome manual work, while at the same time freeing large portion of your previous production labour time. Simple enough to use, that operators typically run ProfiFeed machines in a matter of minutes. With high positioning accuracy and repeatability, your every employee will be your most productive employee.



Works With Your Existing Equipment

Super-charge any machine with accurate linear material positioning. We can automate any existing semi-auto or manual machine into fully automatic production. We develop in-house all our mechanical and software solutions and it is our mission to build the most effective automated process' for you. If you have a production requirement, we either have or can design an automation solution for it.



Take Charge of Your Workflow

ProfiFeed jobbing is computer-based with WLAN / Ethernet connectivity included. Setup and control your production direct from your office. Generate your cutlist from CAD and send to your ProfiFeed machine. Operator simply places correct material to cut, and ProfiFeed takes care of the rest. No mistakes, no miscuts, no papers.



Total Turnkey Solution

We provide full ProfiFeed integration to your production, including all mechanical, electrical and process integration. We design, assemble and commission ProfiFeed machines at our Dandenong factory, or directly at your own. ProfiFeed is a complete turnkey solution for your production.



CUSTOM PROFIFEED SOLUTIONS

Do you do many custom design jobs in CAD but waste time when it comes to producing them?

On ProfiFeed fully automatic saws / drills, all your job data can be imported direct from CAD and setup to go direct into the machine for cutting or drilling, ready for the operator. Operator just places correct stock on machine and ProfiFeed takes care of the rest. No mistakes, no miscuts, every time. We can develop custom macros for any CAD package to suit ProfiFeed, to make your production management a breeze with our machines.

Do you have a lot of bar stock waste in odd-sized and unusable offcuts?

ProfiFeed comes optionally with 1D-Plus material yield nesting and stock management suite, directly linked to your automatic saw. For each job, for the bar stock lengths you have, 1D-Plus nesting software works out optimum nesting of the cuts to achieve maximum material yield. Results of the optimisation are exported direct to the machine, ready for the operator to complete the job.

Have you got a drilling business with job data a nightmare to manage?

With ProfiFeed and any semi-automatic drill, you can setup all your job data in Excel, ready to input to machine over WLAN or ethernet. With a push of a button ProfiFeed moves drill piece to correct drill position with hole information displayed for the operator (diameter, depth, etc.). When complete, with a push of a button operator moves to the next job. ProfiFeed with the ReconEng D200 drill unit is a complete automatic turnky drilling solution with full material positioning and programmable drilling / tapping / counterboring and more.

Have you got a press punch business and sick of doing hole-nesting maths?

ProfiFeed for press punch applications can measure the length of a tube placed on it, and based on length and pitch required, calculate hole quantities and nest holes as required on the piece. Accurately positioned, no mistakes, every time. Readily integrates to command any press punch for fully automatic production.

Have you got a cut-to-length business with many small-quantity jobs?

Setup ProfiStop length stop based production linked directly to your front counter. Cut data for each sale (profile, lengths and quantity) is sent direct from the counter to ProfiStop ready for the operator to complete the order. No paper, no miscuts, no mistakes.

