

# TRM International

Motion Control & Automation Manufacturers



## PROCUT

### Advanced Guillotine Controller

*Save money and time automating your guillotine  
and gain quality and performance in your work.  
PROCUT is designed for all types of paper guillotines.*

- Easy to install and use
- Improve production & quality
- Store 32.000 positions on memory
- Easy to use intuitive menus
- Graphic Colour LCD Screen - 5.7 inch
- Control of DC / AC servo motors
- Automatic push out of paper
- Air table control
- Electronic Jog wheel for manual mode
- Label optimisation mode
- 'Teach' mode programming
- Loop quantity programable
- Encoder feedback
- Imperial and Metric
- Electrical: 115 VAC or 230 VAC
- Languages: English, Spanish (more on request)
- 1 year warranty



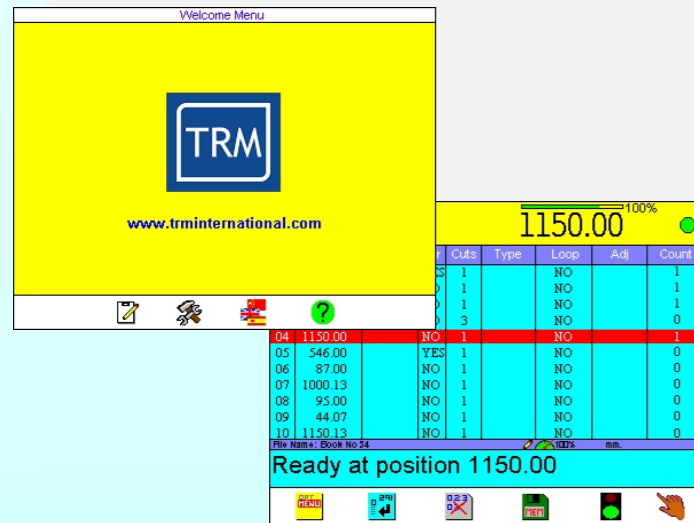
# Top performance using the latest technology in Motion Control and Robotics

PROCUT is a standalone Guillotine Controller with Motion Control and PLC capabilities for up to 2 Axes of servo control. PROCUT is intended for the OEM market as well as the retrofitting industry. For OEM's we offer customised controllers.

## The Complete Solution

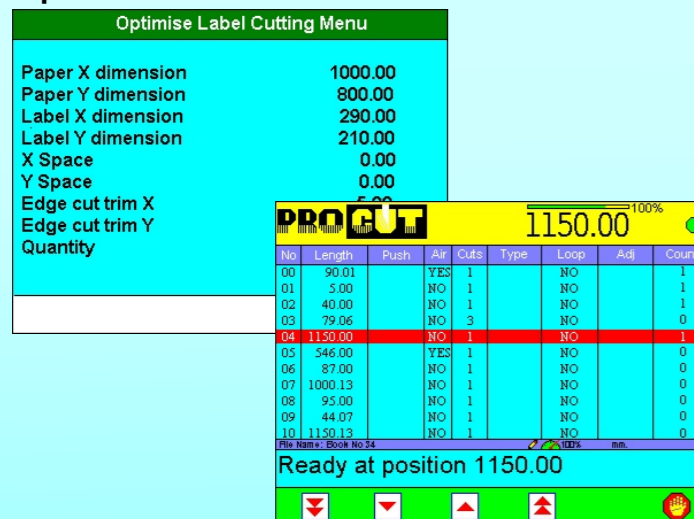
All you need to upgrade your guillotine. Progressively Older guillotines become more unreliable as the existing drive and control system ages. Older machines will contain components which are obsolete or for which there is little support. Even some new machines offer poor control systems, upgrading the drive and backgauge control system make economic and technical sense. Many of the benefits of a new machine are gained but at a fraction of the cost.

### Main menu screen



Operators menu

### Optimise label Screen



Manual mode screen

### Edit & Create

- Easy to create programs
- Push out paper programming
- Air cushion programming
- Motor power graph
- Program Loop quantity programming
- Does not allow entering of erroneous data
- Jog wheel to allow small modifications
- Adjust column to allow temporary modifications to the project
- Speed control setting
- Help menu on screen

### Manual mode :

- 2 speed controls for each direction (fast and slow)
- Jog wheel
- Label Optimisation mode
- Goto function
- Motor power graph

### Display:

- Graphic Colour Liquid Crystal Display
- 320 x 240 Pixels, 5.6 inches
- Cold Cathode Fluorescent (CCFL) backlit
- Long lifetime

### Overlay

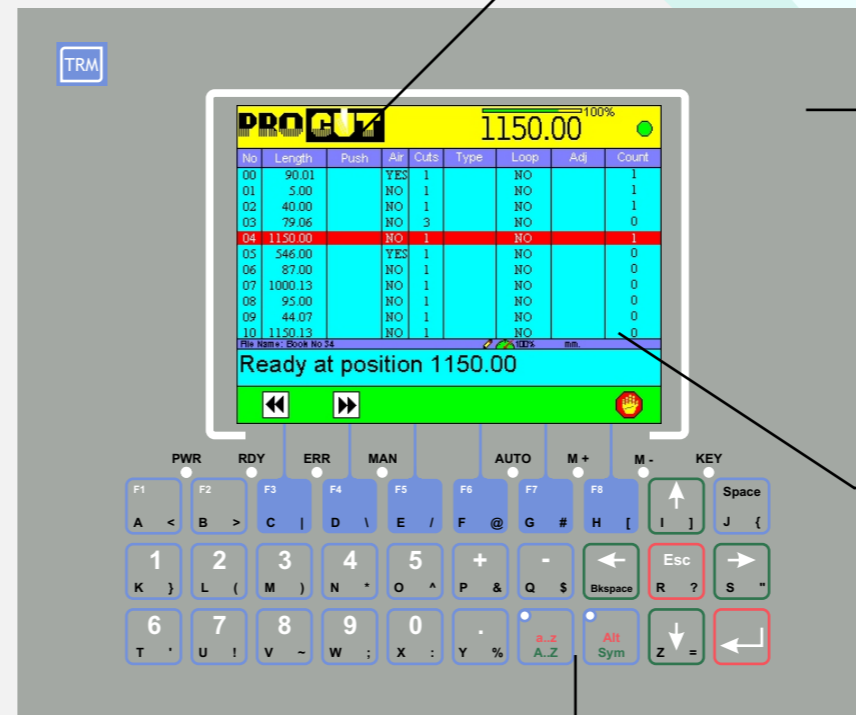
- Water and dirt resistant
- Durable
- Colours and design are customisable for OEM's

### Software

- Motion Control positioning for backgauge
- Air table control
- Label Optimisation mode
- Jog Wheel
- Quick cut
- Push out paper
- Easy to program
- Store 200 programs on memory
- Customizable for OEM's
- English & Spanish, more on request
- Imperial and Metric

### Keypad

- 30 alphanumeric keys
- Keys are protected through a strong aluminium panel to avoid damage when excessive force is used.
- Customisable for OEM's



PROCUT fitted onto a polar guillotine



Optional mechanic arm and console to hold the controller



Electrical Cabinet placed on the back of the guillotine

# PROCUT is the complete solution



## CONTROLLER

- High performance Motion Controller
- Store up to 32,000 positions
- Graphic colour liquid crystal display
- High speed operation
- Industrial tactile membrane keypad

## ELECTRICAL CABINET

- Servomotor Power Supply
- Controller power supply
- Sensors interface
- Noise Filter
- Fuse protection
- 115 AC Volts / 230 AC Volts
- Higher power option for large machines and twin leadscrews



## SERVOMOTOR & ENCODER

- 5000 rpm
- 1,2 Nm (different options)
- 1000 ppr Encoder
- Industrial use

## BELT AND PULLEYS

- Motor Bracket
- Set of pulleys
- Toothed Belt
- High precision system
- Gear box ratio options



## INDUCTIVE SENSORS

- 4 Inductive Sensors 24Vdc NPN
- 8 mm diameter knife sensor, 4 mm distance
- 8 mm diameter clamp sensor, 4 mm distance
- 8 mm diameter home sensor, 4 mm distance
- Sensor brackets included



## CONTROL CABLES & JOG WHEEL

- Fast connection 'D' Type
- Variable length options
- Screened cable to avoid noise
- Electronic Jog Wheel for small corrections



LOCAL DISTRIBUTOR

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