Specifcations
G52H Commercial Paper Guillotine

Cutting Capability:

Maximum Cut Width	520mm
Minimum Cut Size (With & Without False Clamp)	40mm \ 22mm
Maximum Cutting Height	80mm
Maximum Table Depth (Behind Blade)	520mm
Cutting Accuracy	0.1mm
Blade Tyoe	SHSS Only
Programs	100 Programs
Cut Positions in Each Program	100 Positions

Productivity:

Cycling Speed	6-8 Cuts Per Minute
Production Capacity	Upto 10+ Hours Daily

Operational Components:

Blade Drive	Fully Hydraulic Up & Down
Clamp Drive	Fully Hydraulic Up & Down
Back Gauge Drive	Stepper Motor
Blade Positioning	SICK Proximity Sensors
Clamp Positioning	SICK Proximity Sensors
Back Gauge Positioning	SICK Proximity Sensors
Safety Systems	SICK Safety Controller + IR
Software Controller	Delta PLC & 7" Touch Screen

Standard Features:

User Friendly, Fully Programmable 175mm Colour Touch Screen

100 Program Storage with Descriptive Naming of Stored Work

Comprehensive Safety Features - SICK IR Safety Curtain

Safety Relay, Twin Trigger Activation & Power Lock Off

Foot Treadle for Pre-Clamping of Awkward or Difficult Materials

Red LED Optical Cutting Line & White LED Table Illumination

False Clamp Plate for Delicate Work with Storage Detection to Prevent Damage

Hydraulically Adjustable Clamping Pressure - 370 to 1,740 Psi

Automatic Blade and Clamp Return from Every Position

Hand Wheel for Fine Adjustment with Push Lock to Prevent Errors

Measurement Readout in mm or inches

Solid Steel Blade Carrier with Adjustable Blade Guides

Side Lay on Front Table for Easy Alignment of your Cut

Self-Diagnostic System with Error Indication on the Main Display

Optional Side Tables, Left & Right Available at Extra Cost

Power Supply: 240V AC - 16 Amp (Single Phase)

Current Consumption: 2 KW Under Full Load

Net Weight: 350Kgs Without Side Tables

Height: 1,244mm

Depth: 1,215mm

Width: 1,533mm

Above: G52H with the Optional Side Tables

Below: G52H without the Optional Side Tables

Height: 1,244mm

Depth: 1,215mm

Width: 833mm

AFTERPRINT

Grafcut®
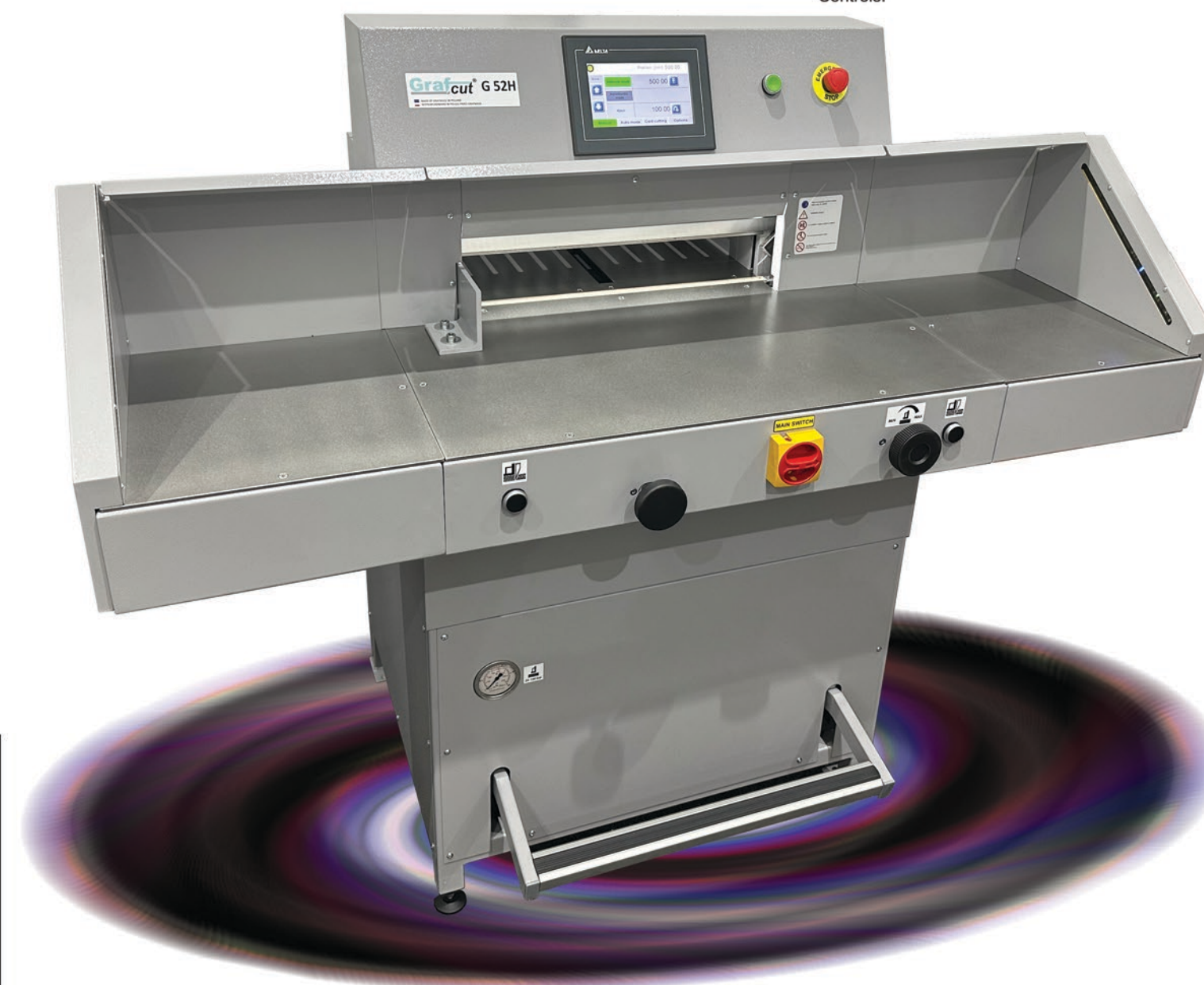
G52H Commercial Paper Guillotine

Fully Hydraulic Paper Guillotine

Cutting Length up to 520mm
Cutting Height up to 80mm
Narrow Cut of 22mm
B3 Guillotine for Digital Print

Professional Guillotine with fully Hydraulic Blade and Clamp Drive, hydraulically adjustable clamp pressure with false clamp plate & professional foot treadle for pre-clamping of difficult stock or booklets. Full SICK Safety Control Systems including IR Safety Curtain on the Front Table. Automatic Clamp, Power Backgauge with Colour Touch pad & Qwerty Keyboard Controls.

CE

GRAFCUT is a brand of Print Finishing machines proudly manufactured in Poland. Grafcut have over 40 Years of experience as designers and manufacturers of Print Finishing machines and specialise in Guillotines. Their products are almost fully produced inside of their premises with all processes such as grinding, milling, turning and powder coating done on site which ensures the quality of their products from the very beginning.

Grafcut build compact, sturdy automated electric and fully hydraulic guillotines which have a robust design to serve their owners for many years. Built on their partnerships with their distributors around the world and by listening to the feedback from customers; The Grafcut range of Guillotines have become synonomous with reliability and exceptional build quality across the range.
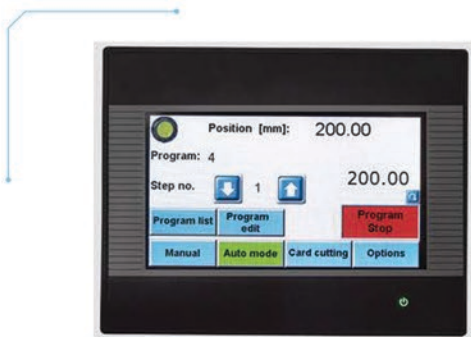
Why Choose Grafcut?

A core value of Grafcut is to only use components that are both readily available worldwide and have a proven track record of reliability over many years. This philiosphy has led Grafcut to partner with two of the world leading manufacturers in their field, SICK Safety Systems and Delta Automation.

The partnership of world leading components with Grafcut's ability to control every aspect of their build processess guarantees the quality of their product and ensures you the customer receives a truly relliable Guillotine!

User Friendly Operation

One of the Grafcut Guillotine key attirbutes is the easy to use integrated full colour touch Screen which comes as standard with every model. The G52 comes with a 100mm colour touch screen whereas the G52H, G73 & G73H have the larger 175mm colour touch screen.

Whichever model you opt for the simplicity of the display and configuration of the menu ensures the Grafcut Guillotine can be used by everybody without the need for skilled operators.

The Grafcut models are all programmable with storage for upto 100 programs and up to 100 cut positions in each program. The programs are stored with descriptive names thanks to the integration of the pop up QWERTY keyboard which ensures further ease of use and instant job recall by name rather than by just a number.

Anyone can operate the Grafcut easily via the intuitive colour touch screen.

Ergonomic layout ensures the Grafcut controls are instantly familiar. All functions are at your finger tips with intuitive easy to read command titles for every aspect of the Program Software

Smooth Cutting Action

The most common feedback we get in regard the Grafcut guillotines is that the cutting action is very smooth with perfect cutting of the paper stack everytime. The Grafcut models all incorporate the same smooth cutting action thanks to the design of the blade drive.

No matter if you opt for the electro-mechanical or the fully hydraulic models the smooth glide blade system will ensure your cuts are always clean, accurate and above all smooth.
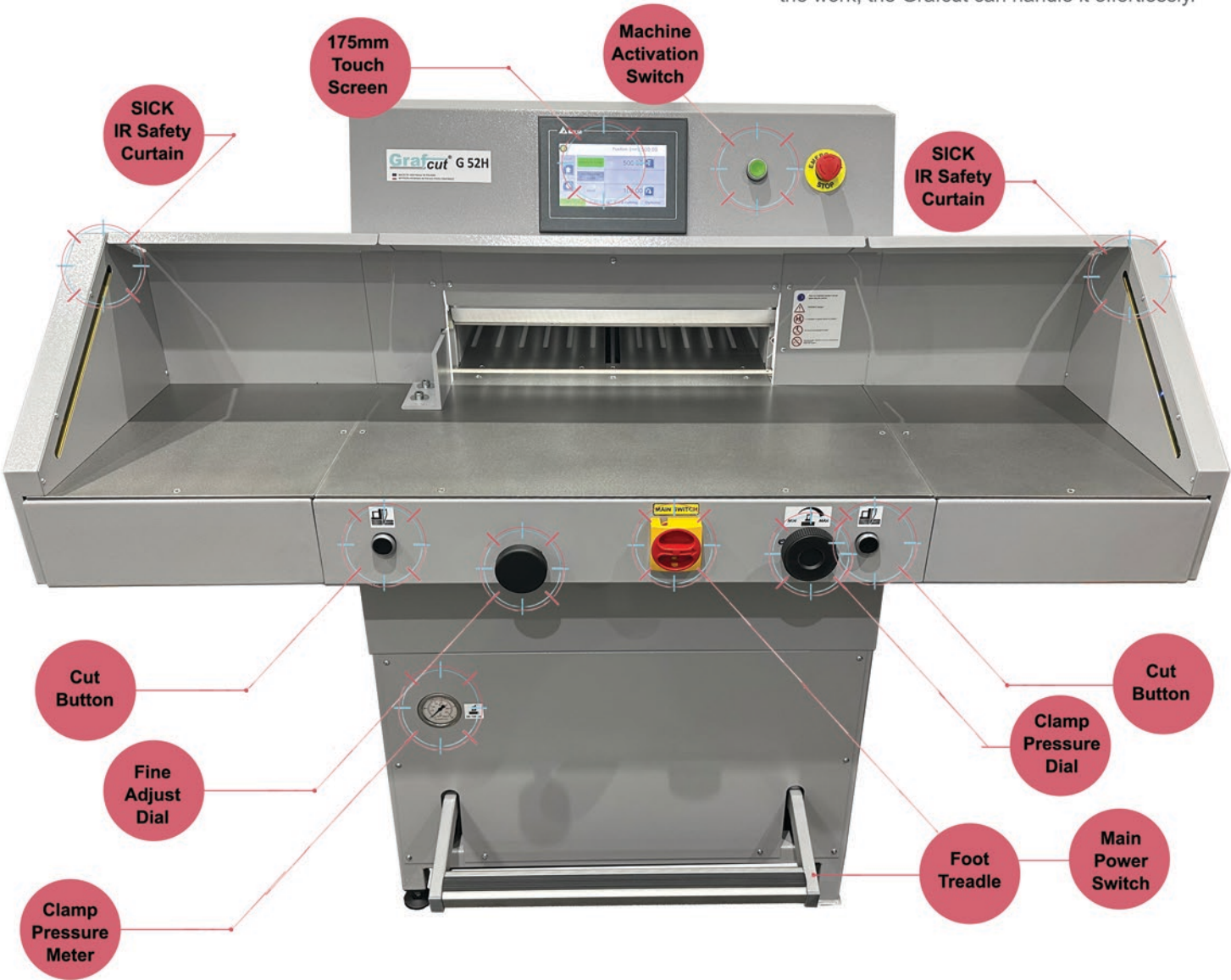
Simple, Safe, Blade Change Process

The Grafcut Guillotines all come complete with a comprehensive safety package and this extends to the safe changing of the guillotine blade. Each machine comes with a sturdy blade change cradle which sheaths the blade during the changeover process. The blades also comes in a secure wooden case for safe storage when not in use or waiting for sharpening.

An Overview of the Grafcut G52H Features

Designed for Digital Print

All the Grafcut models have been specially designed for use in the digital print market but are just as at home in a more traditional lithographic environment. By the very nature of the application digital print is often more delicate to handle and can require special features on your machinery to prevent damage. As a result, the entire Grafcut range all offer fully adjustable clamping pressure and come with a false clamp plate as standard

The combination of the fully adjustable clamping pressure with the addition of a removable false clamp plate ensures that no matter how delicate the work, the Grafcut can handle it effortlessly.

SICK Sensor Intelligence.

Delta

- 175mm Touch Screen
- Machine Activation Switch
- SICK IR Safety Curtain
- SICK IR Safety Curtain
- Cut Button
- Cut Button
- Fine Adjust Dial
- Clamp Pressure Dial
- Clamp Pressure Meter
- Foot Treadle
- Main Power Switch

True Twin Trigger Blade Activation Via Safety Controller

Push & Lock Fine Adjust Dial for Perfect Postioning

SICK IR Safety Curtain with Traffic Light Indication

Safe Blade Change Procedure with Cradle

Knife Change Mode for Safe Blade Changes