

## Specifications

### G73H Commercial Paper Guillotine

#### Cutting Capability:

Maximum Cut Width	730mm
Minimum Cut Size (Narrow Cut)	30mm
Maximum Cutting Height	100mm
Maximum Table Depth (Behind Blade)	730mm
Cutting Accuracy	0.1mm
Blade Tyoe	SHSS Only
Programs	100 Programs
Cut Positions in Each Program	100 Positions

#### Productivity:

Cycling Speed	8-10 Cuts Per Minute
Production Capacity	Upto 16 Hours Daily

#### Operational Components:

Blade Drive	Fully Hydraulic Up & Down
Clamp Drive	Fully Hydraulic Up & Down
Back Gauge Drive	Servo 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 + Delta Invertors
Air Table Front & Rear	Standard Fitment

#### Standard Features:

- User Friendly, Fully Programmable 100mm Colour Touch Screen
- 100 Program Memory with 100 Steps per Program
- Comprehensive Safety Features with True Two Hand Operation
- Fixed Safety Cover on the Rear Table and Lockable Main Switch
- Type 4 SICK Infrared Safety Curtain with Safe & Error Indication
- 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 - 250 to 2,000 daN
- 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
- Side Tables, Left & Right Come as Standard but can be Removed

**Power Supply:** 400V AC - 30 Amp 5 Pin Commando Plug

**Current Consumption:** 3 KW Under Full Load

**Net Weight:** 600Kgs Without Side Tables

Height: 1,460mm



Above: G73H with the Side Tables Fitted

The G73 & G73H Both Come Complete with Side Tables as Standard

**AFTERPRINT**

**Grafcut®**

# G73H Commercial Paper Guillotine

Fully Hydraulic Paper Guillotine

Cutting Length up to 730mm  
Cutting Height up to 100mm  
Narrow Cut of 30mm  
B1 Guillotine for Commercial 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.



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Specifications are based on optimal operating conditions and may vary depending on stock & environmental conditions. As part of our continuous improvement program, specifications are subject to change without prior warning or notice.





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 synonymous 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 philosophy has led Grafcut to partner with two of the world leading manufacturers in their field, SICK Safety Systems and Delta Automation.

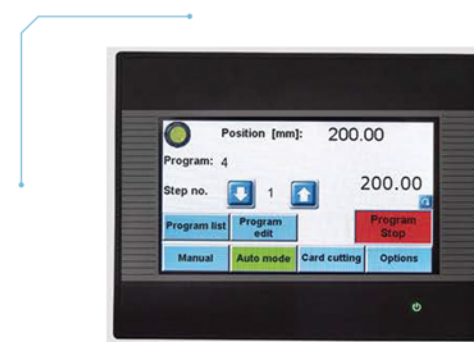
The partnership of world leading components with Grafcut's ability to control every aspect of their build processes guarantees the quality of their product and ensures you the customer receives a truly reliable Guillotine!



### User Friendly Operation

One of the Grafcut Guillotine key attributes is the easy to use integrated full colour touch Screen which comes as standard with every model. The G52 & G52H come with a 100mm colour touch screen whereas the 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 using full character references thanks to the integration of the pop up QWERTY keyboard which ensures further ease of use and instant job recall by name.



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 G73H 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.



True Twin Trigger Blade Activation Via Safety Controller



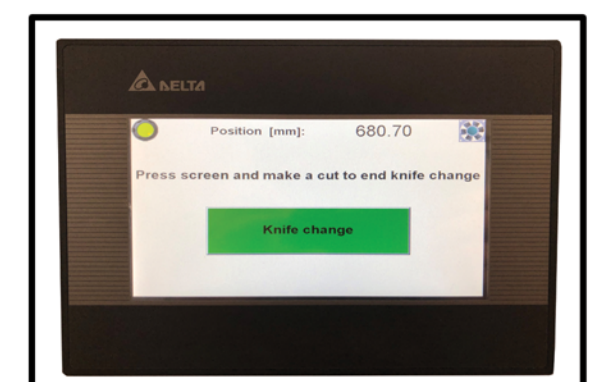
Push & Lock Fine Adjust Dial for Perfect Positioning



SICK IR Safety Curtain with Traffic Light Indication



Safe Blade Change Procedure with Cradle



Knife Change Mode for Safe Blade Changes