

Grafcut®



Fully
designed
& made
in Europe

Guillotines

CATALOG



MADE IN POLAND (EU)

www.grafcut.pl

Grafcut®

is a Polish brand of guillotines (ream paper cutters) and other print finishing machines manufactured in Opatow, south eastern Poland.

We design & produce also hard cover machinery, casemakers, casing-in, bookpress and rigid box making machines. Our company was established in 2003 but as people we have over 40 years experience in graphic arts industry. Production of machines is nearly 100% done in-house and consists of processes like construction welding, metal grinding, surface powder painting, CNC milling, CNC lathes and more. Over 10.000 machines were already delivered to 40 countries worldwide on all continents. Most by network of local partners providing sales and service support.

IDEAL SOLUTION FOR DIGITAL PRINTERS



INFORMATION

- cutting the maximum format 520 mm width x 520 mm depth
- electric knife and clamp (G-52E) or hydraulic knife and clamp (G-52H)
- electric backgauge motor
- PLC driven machine
- programmable touch screen HMI
- high cutting accuracy 0,1 mm of max paper stack 80mm
- narrow cut 22mm (with false clamp 40 mm)
- optical cutting line indicator-red color
- bright LED lighting of working zone
- safety features: main switch and emergency button on front panel, photocell safety curtain, knife upper position control, simultaneous two button cutting cycle activation, safe blade change toolkit covering sharp edge; protective covers of all potentially dangerous areas, back table fully covered;
- solid full metal construction
- foot pedal for pre-clamping (G52-H only)
- fluent clamping pressure adjustment on front panel
- powder painted surface of tables (G-52E) or stainless steel (G-52H)
- paper positioning side guide on front table
- optional side tables
- optional air bed (G-52H only)
- storage shelf (G-52E only)

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HEAVY DUTY ELECTRIC OR FULL HYDRAULIC CUTTERS



G73H

INFORMATION

- cutting the maximum format 730 mm width x 720 mm depth
- electric knife and clamp (G-73E) or hydraulic knife and clamp (G-73H)
- electric backgauge motor (G-73E) or servomotor (G-73H)
- PLC driven machine
- programmable touch screen HMI
- high cutting accuracy 0,1 mm of max paper stack 100mm
- narrow cut 25mm (with false clamp 50 mm)
- optical cutting line indicator-red color
- bright LED lighting of working zone
- safety features: main switch and emergency button on front panel, photocell safety curtain, knife upper position control, simultaneous two button cutting cycle activation, safe blade change toolkit covering sharp edge; protective covers of all potentially dangerous areas, back table fully covered;
- solid full metal construction
- foot pedal for pre-clamping
- fluent clamping pressure adjustment on front panel
- stainless steel surface of tables
- paper positioning side guide on front table
- side tables
- optional air bed



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PROGRAM MODULE FEATURES

- touch pad LCD, color
- up to 100 programs with 100 cuts in each program, alphanumerical naming of programs
- programming during cutting (cut & save)
- quick program for cutting business cards (start, card size, gutter)
- calculator
- activation of air bed (if exists) on touch pad
- activation of knife change mode on touch pad
- programmable push out (eject) of stock pile from under the knife & clamp
- settable knife change interval alert on screen
- lubrication interval alert on screen
- multilingual, over 10 languages in standard , other possible on request
- resettable daily and total counter of cutting cycles
- visual diagnostics mode for switches testing
- USB connection for software updates, also remotely

PROGRAMMABLE TOUCH SCREEN

Technical data		GRAFACUT 52E	GRAFACUT 52H	GRAFACUT 73E	GRAFACUT 73H
Cutting width		520mm	520mm	730mm	730mm
Cutting depth	Program module	520mm	520mm	710mm	710mm
	Crank	530mm	530mm	720mm	720mm
Cutting height		80mm	80mm	100mm	100mm
Blade drive		Mechanical	Hydraulic	Mechanical	Hydraulic
Clamp drive		Mechanical (electronically adjustable)	Hydraulic	Mechanical (electronically adjustable)	Hydraulic
Backgauge		electric, fully programmable via touch screen with accuracy 0,1mm (servomotor driven-G73H)			
Foot clamp		-	Yes	Yes	Yes
Program module		100 programs / 100 steps in each, touch screen mm or inch, paper EJECT function, programming via cutting, business card cutting mode			
Narrow cut (w/o and w/ false clamp)		22/40mm	22/40mm	25/50mm	25/50mm
Air table with blower		-	Available	Available	Available
Side tables		Optional each (350x400mm)	Optional each (350x400mm)	Standard each (376x658mm)	Standard each (376x658mm)
Safety		IR safety curtain on the front table, safety cover on the rear table, main switch, electronically controlled true two-hand operation, automatic blade and clamp return front every position			
Net weight		310kg	350kg	580kg	600kg
Power supply		230V/50HZ 2kW	230V/50HZ 2kW	400V/50HZ 3kW	400V/50HZ 3kW
Dimensions without side tables (length x depth x height)		833 x1215 x1244mm	833 x 1230 x 1244mm	1105 x1755 x1460mm	1105 x1755 x1460mm
Dimensions without side tables (length x depth x height)		1533 x1215 x1244mm	1533 x1215 x1244mm	1855 x1755 x1460mm	1855 x1755 x1460mm

- other voltages available. Specifications and standard equipment subject to change without notice.

OTHER FEATURES:

- accurate backgauge micro adjustments by digital crank (73H) or manual (all other models)
- LED table lighting
- optical cutting line indicator
- safe knife change toolkit protecting the blade
- powder coating

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