GEMINI - DIGITAL FINISHING SYSTEM FOR SHEETS

RoHS COMPLIANT 2002/95/EC   CE

Gemini is an automatic sheet feeding and cutting system designed to automatically load and cut without the need of an operator.

Equipped with a Graphtec Plotter, cuts can be made on adhesive sheets, silk screen prints, shop material prints and digital prints on cardboard.

With a newly designed ramp style loading tray and a wheel system, sheets can automatically be loaded into the plotter interruption free, cut, then dispensed into the catch tray all with ease.

LABEL SHEETS

SMALL BOXES

TAGS AND MORE

This plotter is equipped with integrated sensor reader to assist in reading the marks after each sheet is loaded all within a fraction of a second.
This is done while working in tandem with the cutting management software resulting with a cut precision of 0.011" (0,3mm).

The cutting parameters can be adjusted using the cutting management software included, giving the user a simple and smart way to operate the unit.
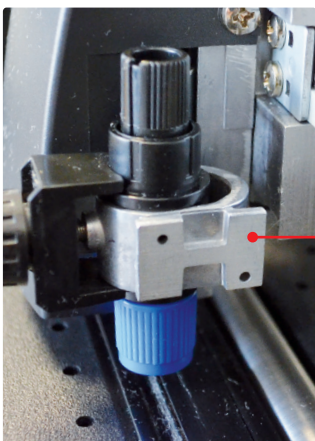
TWO DIFFERENT POSITIONS OF CUTTING.

The standard position is used for kiss cutting labels. The second position is used to break through the media to create small packs, tags and more.

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This innovative desktop cutter is capable of handling a variety of thickness and sheet sizes such as A4, A3, SRA3, Letter, Tabloid and Tabloid Extra up to B3 format.

It also has the ability to do Perforation cuts (Small dots), Kiss cuts (Half cuts), and Die cuts (Heavy cuts) for applications such as labels, business cards, shaped business cards, small boxes and more.

It can successfully cut cardboard with a weight ranging from 200 to 350 gsm and adhesive sheets from 170 gsm.

Output collection tray

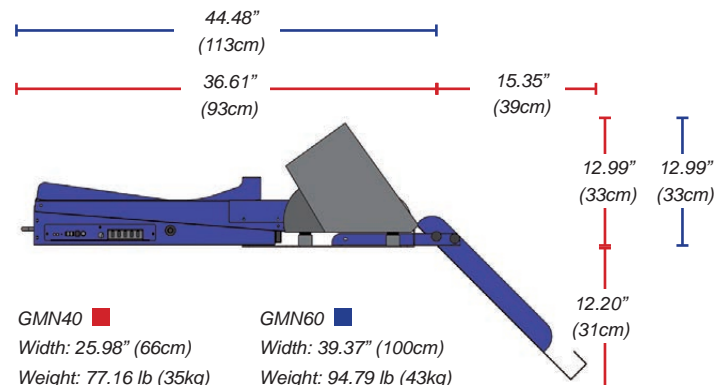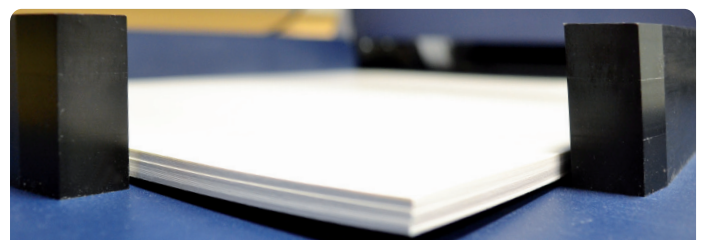| SPECIFICATIONS |
|---|
| **GMN40** |
| **Auto sheet capacity:** |
| Average 150 sheets * with auto feeder |
| (*depends on the thickness of the sheet) |
| **Media width (min-max):** |
| 8.27" - 13.9" (210 - 353mm) |
| **Media length (min-max):** |
| 10.98" - 19.69" (279 - 500mm) |
| **Interface & Software:** |
| Software can be installed on any computer running Windows 8.1 or later. Not supported by macOS systems |
| **Registration system:** |
| The sensor reader equipped onto the cutting head detects the marks on the media, and compares the position with the original value from the digital file. Gemini software then acts accordingly to correct the linear and angular positional differences but automatically adjusting the cut lines |
| **Synchronization method:** |
| Two or four registration marks |
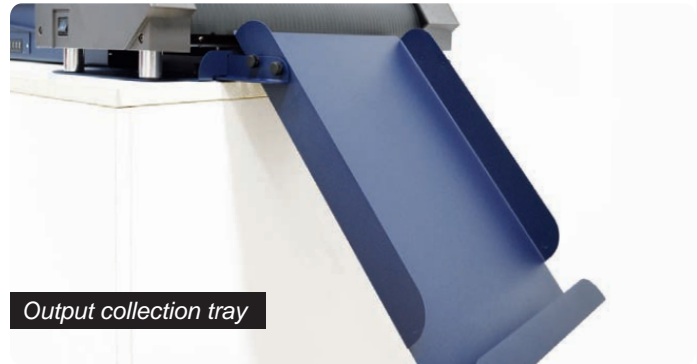
KEY FEATURES:

» Work with Vector PDF (Illustrator, Inkscape or CoreDraw)

» Compact design making it a desktop solution for a smaller workplace.

» Automatic Ramp Style Feeder tray providing operator free job runs.

» Proprietary software ensuring precise loading and cutting with excellent results.

» Holds up to 150 sheets per job using sheet sizes (A4, A3, SRA3, Letter, Tabloid and Tabloid Extra).

» Cutting options include: Die-Cut, Kiss-Cut, Perforation Cut and Media Creasing for boxes.

44.48" (113cm)

36.61" (93cm)   15.35" (39cm)

12.99" (33cm)   12.99" (33cm)

12.20" (31cm)

GMN40
Width: 25.98" (66cm)
Weight: 77.16 lb (35kg)

GMN60
Width: 39.37" (100cm)
Weight: 94.79 lb (43kg)

Control panel

ALARM ON TEST ON OFF

INPUT DC: 24V === 2,5A

Hub USB integrated

Magnetics guides

SMART SOLUTIONS FOR THE LABELING INDUSTRY

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Tray fixing
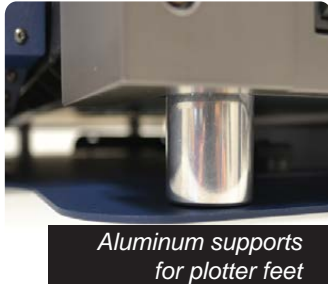
Aluminum supports for plotter feet

In order to guarantee a perfect alignment between feeder, plotter and output tray, a custom baseplate is included with the assembly ensuring accurate sheet loading for a successful job.

ADAPTER FOR SMALL SIZES

For small sizes we have created an adapter that keeps the sheets perfectly aligned in the right position.

WORK WITH DATAMATRIX

Did you print and load different jobs using the Gemini all together? The new optional camera will recognize the DataMatrix code printed on the sheets and the system will automatically load the corresponding die cut file associated with each specific artwork.

This smart feature will avoid wasting production time, operational mistakes and it will help to improve the productivity of this accessory.

NO MORE SIMPLE BOXES

With this newer version of the Gemini, we have perfected the art of cutting small boxes.

We're making it much easier to perform real creases along with the classic half-cut using a creasing tool. (NOT INCLUDED).
This is a real plus for an increasingly high-performance finisher.

Small packaging

Label sheets

Tags

GEMINI CUTTING MANAGER

The Gemini Cutting Manager is our own proprietary software that will allow you to cut lines and paths of a pdf vector graphics.

There are additional functions enabling the management of die cutting sheet material, using cross cut (Cut through) and dashed cut features, so that greeting cards, POS and packaging board material may be also cut.