



G&K-VIJUK **CARTONAC FOLDERS**

For optimizing packaging-line production

GUK-VISUOK CARTONAC FOLDERS

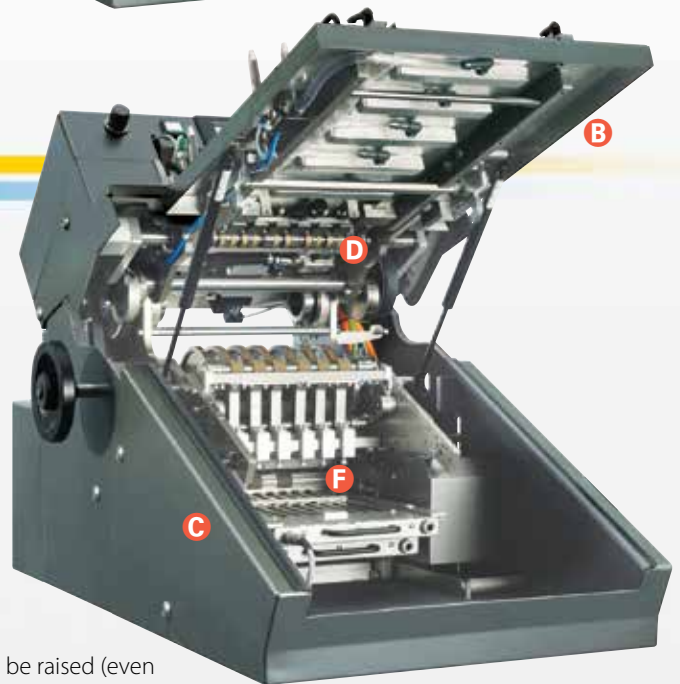
Install a GUK Cartonac packaging-line folder and...

- Lower packaging-operation costs
- Have faster turnarounds

- Cartonac leaflet folders are designed to be installed onto cartoning or packaging-line operations to fold leaflets for immediate insertion into product cartons simultaneously with the product.

- Save time, labor, and storage space

- You do not have to handle, store, or feed folded leaflets.
- Simplify and maximize packaging production with one of the GUK Cartonac Folders.
- They are installed and synchronized to packaging lines at a 1:1 ratio.
- They are equipped with 4 or 6 fold plates.
- Right-angle Station II folders are available for cross folding.



GUK CARTONAC 2003

Introduced in 2012, the Cartonac 2003 is very compact, making incorporation onto the packaging line easier. It has the following state of the art features along with the features and updated features of the Cartonac 2000 and 91 models.

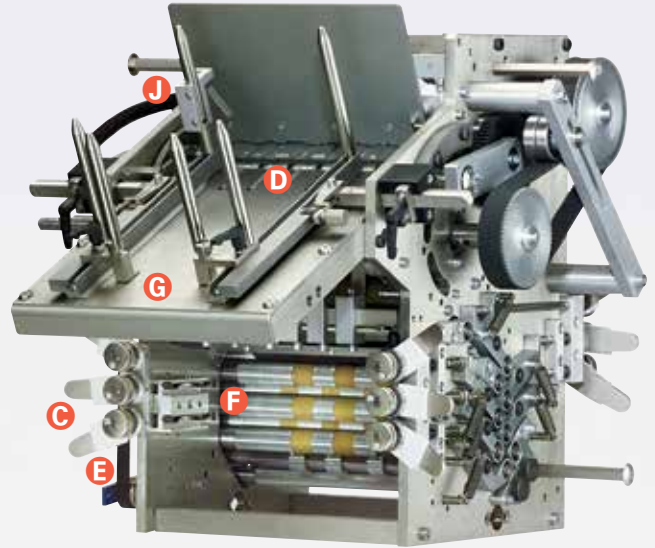
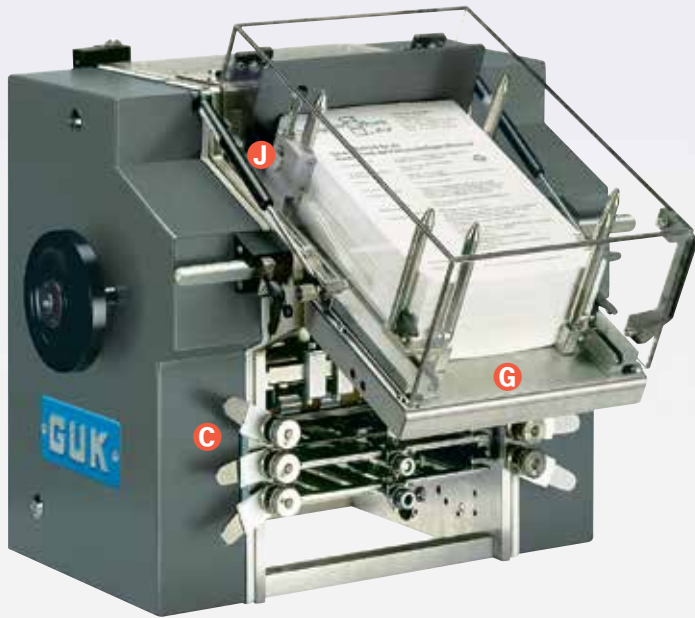


- A** Control and overview of operation is through a single **HMI TOUCHSCREEN DISPLAY**.
- Memory for job recall of up to 99 jobs.
- The feeding and folding sections are independently **SERVO DRIVEN** to give you optimum control.
- Folding precision with +/- 0.25 mm tolerance.
- PLC-network integration is by CANopen and OPC-Server.

- B** The **FEED TABLE** can be raised (even loaded with paper) for easy access to the folding rollers, folding plates, and optional code-reading system.
- Interlocking switch on the feed table ensures safe operation.
- Electrical cabinet for the servo drive can be located up to 32 ft. (10 m) in distance from the machine by wire.
- Production speeds up to 600 leaflets/min. of sheet lengths up to 12 1/2" (320 mm)—20% faster than previous models.

Other beneficial features...

- All-around **NOISE-REDUCTION COVERS** are available.
- Space for optional **BARCODE READER** is larger than previous models.
- The Cartonac 2003 can be equipped for **OFF-LINE OPERATION**.
- Optional **BATCH COUNTER** is available on off-line model.



Other beneficial features...



- Optional **DIGITAL DIAL ROLLER SETUP** for simplified setup.



- Optional **ELECTRONIC FOLD-PLATE SETUP** with memory recall.
- Optional **CHANGEOVER GEAR** is available for running longer sheets.
- **EXTENDED AIR TABLES** are available for processing longer sheets.
- Optional **SOLENOID VALVES** can be used in place of mechanical valves.
- The Cartonac 2000 can be equipped for **OFF-LINE OPERATION**.

GUK CARTONAC 2000

- This model comes with the following production enhancing features along with the features and updated features of the Cartonac 91.
- It attaches to the packaging-line drive by toothed belt or chain.

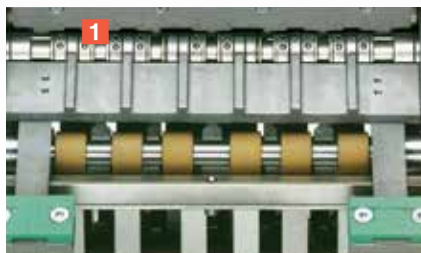


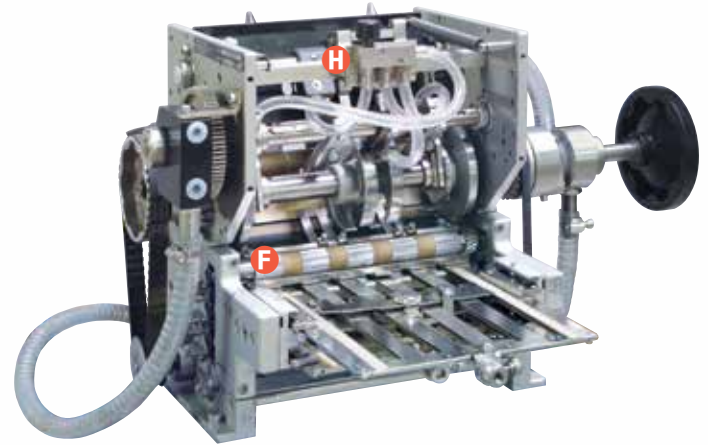
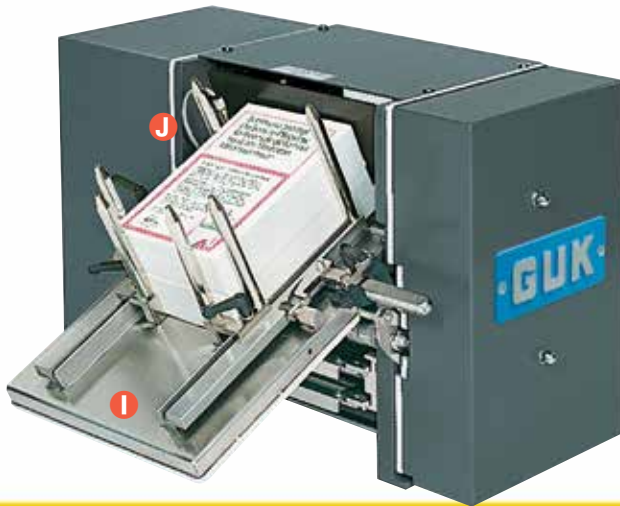
- Setup is faster with **CALIPER QUICK-SET FOLDING ROLLERS**.
- Micro adjustments can be made on-the-fly, which will save setup and production time.

- Streamlining the feeding system, an **OSCILLATING AIR-ADJUSTABLE SUCTION ROLLER (1)** draws the sheets to the folding rollers. ▶

- Quiet, dependable operation using a **BELT DRIVE** with combination **URETHANE AND STEEL FOLD ROLLERS (F)** running on needle bearings in the folding mechanism.
- Handles a wider range of sheet sizes.
- For better control and accuracy, scoring rollers are on separate shafts, independent of the transport belt shafts.
- All drives are located on the outside of paper path for easy access.

- **STAINLESS STEEL ANTI-STATIC FEEDER TABLE (G)** has air blasts for dependable sheet transfer.
- Production speeds up to 500 leaflets/min. of sheet lengths up to 12 1/2" (320 mm)—25% faster than previous models.





GUK CARTONAC 91

- More than just a basic machine, the Cartonac 91 offers many advantageous features.
- It attaches to the packaging-line drive by toothed belt or chain.



- **H** Accurate, reliable feeding with **ADJUSTABLE SUCTION NOZZLES** that can be positioned according to the sheet size.
- **I** Continuous feeding with **ANTI-STATIC STAINLESS STEEL FEEDER TABLE**.

- **J** Low-pile indicator shuts off machine.
- **F** Precise, consistent folding through combination **URETHANE AND STEEL FOLDING ROLLERS** running on hardened, ground helical gears with needle bearings in the folding mechanism.
- Problem-free production with **MAINTENANCE-FREE** axle and roller bearings, and self-cleaning combination folding rollers.
- **SCORING ROLLERS** on transport belt prepares leaflets for problem-free insertion.
- Production speeds up to 400 sheets/min. of sheet lengths up to 12½" (320 mm).

Other beneficial features...

- Optional **BARCODE READER** with ejection device can be installed.
- Units are available with the hand wheel on the left or right side of the machine.

GUK CARTONAC 2000 4K

- Compact arrangement of Stations I and II for cross folding of leaflets in-line on a packaging line.
- This is one of a number of cross-folding models.
- More information available on request.



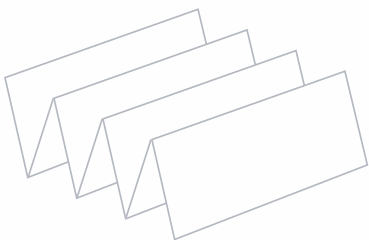
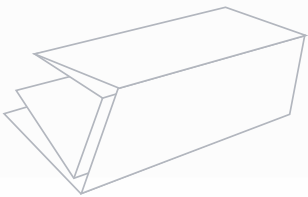
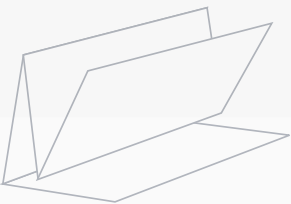
GUK CARTONAC FOLDER SPECIFICATIONS ¹

| MODEL | 2003 | 2000 | 91 |
|-------------------------------|--|--|--|
| Number of stations | 1 | 1 to 2 | 1 to 2 |
| Number of plates—all stations | 4 or 6 | 4 or 6 | 4 or 6 |
| Smallest fold—all stations | 5/8" (15) | 5/8" (15) | 5/8" (15) |
| Standard version | min sheet size | 2 3/8" x 3 5/8" (60 x 90) | 2 3/8" x 2 3/4" (60 x 68) |
| | max sheet size | 8 3/8" x 17 5/8" (215 x 450) | 8 3/8" x 12 1/2" (215 x 320) |
| With extended feeder table | max sheet size | 8 3/8" x 23 1/2" (215 x 600) | 8 1/4" x 12 1/2" (210 x 320) |
| Paper weights | 27-50 lb. offset (40-80 gsm) ² | 27-50 lb. offset (40-80 gsm) ² | 27-40 lb. offset (40-60 gsm) ² |
| Production speed | <ul style="list-style-type: none"> • up to 600 shts./min. (12 1/2" long)³ • up to 260 shts./min. (23 1/2" long)³ | <ul style="list-style-type: none"> • up to 500 shts./min. (12 1/2" long)³ • up to 200 shts./min. (23 1/2" long)³ | up to 400 shts./min. (12 1/2" long) ³ |
| Electrical | 220V, 3ø, 60 cycle | 220V, 3ø, 60 cycle | 220V, 3ø, 60 cycle |

¹ Measurements in parentheses are in millimeters, unless otherwise indicated.

² For single sheets, the recommended minimum paper weight is 33 lb. offset (50 gsm); for prefolded sheets, recommended minimum paper weight is 27 lb. offset (40 gsm).

³ Production speed depends on the stock, size, and fold pattern.



*W*e appreciate your interest in G&K–Vijuk International.

For all your folding needs, G&K–Vijuk proudly offers high-quality equipment and excellent support and service.

Please contact us for...

- *GUK Commercial Folders*
- *GUK Pharmaceutical, Miniature, and Packaging-Line Folders—sheet-fed and roll-fed*
- *G&K–Vijuk MV Outsert Systems*
- *GUK Mail-Producing Systems*
- *Auxiliary equipment to complement folding systems*
- *Specialty or customized folding equipment*
- *Spare parts for all G&K–Vijuk and GUK equipment*

Folding needs can be solved from more than 80 models or variations of GUK sheet- or roll-fed folding machines with format widths from 8¹/₄" to 32¹/₄".



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