



# **G&K VVIJUK**

## **FA 54/FA 74/FA 82 FOLDERS**

*The most reliable, accurate, and versatile commercial folders*

# GUK VISION

## FA 54/FA 74/FA 82 FOLDERS

The same excellent engineering at GUK that brought you the best miniature folders brings you the best commercial folders. GUK folders are known internationally for their proven value in...

- Reliability
- Accuracy
- Versatility
- Speed

### Customize to suit your requirements...

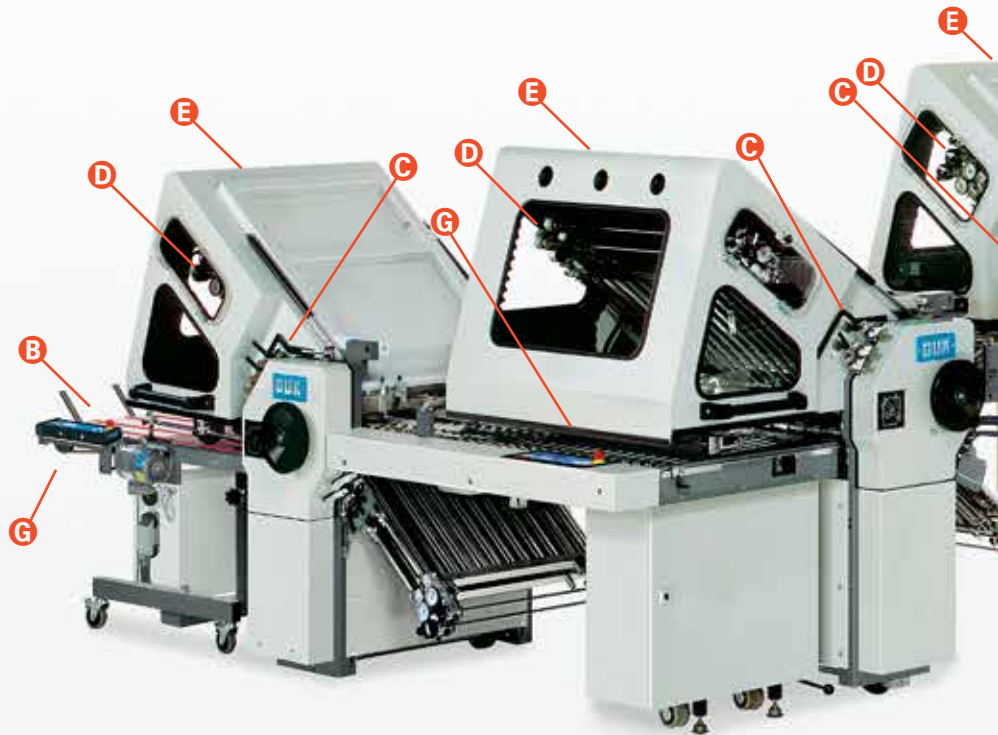
Your folding system can be composed of:

- 1, 2, or 3 stations with format widths of 21<sup>1</sup>/<sub>4</sub>", 29<sup>1</sup>/<sub>8</sub>", or 32<sup>1</sup>/<sub>4</sub>".
- 4, 6, or 8 folding plates in Station I and 2, 4, 6, or 8 folding plates in Station II and Station III.
- A continuous-load **R6 ROUND-PILE FEEDER (A)**, an FL3 Flat-Pile Feeder, or a P4 or P5 Pallet Feeder—depending on the format size. The R6 feeds sheets up to 56<sup>5</sup>/<sub>8</sub>". The FL3 feeds sheets up to 31<sup>3</sup>/<sub>8</sub>" or 40<sup>7</sup>/<sub>8</sub>", depending on the folder format. The P4 Pallet Feeder feeds sheets up to 40<sup>7</sup>/<sub>8</sub>" and the P5, up to 47<sup>1</sup>/<sub>4</sub>".
- **B MOBILE SHINGLE DELIVERY S520, S720, or S820**, based on format size. Height is adjustable with automatic speed synchronization.
- For an additional thick or final fold, a ZK 500 or ZK 600 Knife Folder can follow the last station.

### Beneficial Features

#### Quick setup and changeovers

- **C CALIPER-SET DEVICES** automatically set roller pressure. Micro-dial adjustments can be made if necessary.



- **D ZERO-MAKEREADY PLATES** are set to be a folding plate or a deflector with a simple turn of an adjustment dial while the plates are secure in the machine.



- All stations have heavy-duty, quick-release knife shafts for scoring, perforating and slitting.

#### Versatility

- Handles the widest range of paper weights from 27 lb. offset to 110 lb. cover.

#### Safety

- **E SOUND AND SAFETY COVERS** with electronic interlocking switches ensure safe operation at all stations.

#### Ease of operation

- **F Touchscreen L4 CONTROL PANEL** for programming folding jobs—setting up the feeder; controlling total, batch, and running counts; production speed of station(s); sheet length, gap, and fold lengths; sheet suction; and double sheet and jam detectors. Programs can be stored for recall.





**GUK FA 82 R6 FOLDER STATIONS I, II & III**

- **ELECTRONIC JAM DETECTION** Sensors throughout the system record the timing of sheet passage. If product fails to arrive at a sensor point within the specified period of time, the folding system will shut down to prevent further jamming and minimize downtime.

- **M4 REMOTE CONTROL UNITS** with an emergency stop button are mounted on all stations and the delivery unit, allowing convenient operation of the machine away from the main controller.



#### Reliability

- **PLATES** are made of chromium-plated anodized steel for anti-static operation and long wear.
- Rollers are made of urethane and steel for optimal gripping and durability.



- The double-bearing assembly (needle and thrust) of the rollers ensures axial stability and processing dependability.

- Spiral-toothed, hardened and ground steel gears in the synchronous roller drive are slip-free to handle even heavy-weight stock.
- The roller helical-gear system is located on the exterior (behind safety covers) for easy access.



#### Speed

- Processes up to 650 feet/min. or 40,000 letter-size sheets per hour depending on stock and fold pattern.

## FEEDER OPTIONS...

**A R6 Round-Pile Feeder** Sheets are transferred to the register table by the top-suction wheel shielded by a safety cover (1), aided by air blasts from the front and from adjustable floating blowers (2) on each side of the pile.

- Pre-slit shafts are included in Station I with the R6.
- 3 Sensors for electronic jam detection and double-sheet detection.



• **FL3 Flat-Pile Feeder** Maximum pile height is 27 1/2". Rear suction heads lift sheets with the aid of air blasts while the drum suction wheel transfers the paper to a 57" long anti-static alignment table leading to the folding rollers. Setup and operation is through touchscreen L4 and M4 Controllers.



• **P4 or P5 Pallet Feeder** A pallet stacked with up to 47 1/4" of paper can be loaded directly onto the feeder, saving time and labor. A laser beam automatically positions the pallet for transferring sheets onto the stainless-steel alignment table by rear suction pickup and a drum suction wheel. Setup and operation is through L4 and M4 Controllers.



## CUSTOMIZE with optional equipment...



- ◀ Heavy-duty commercial ZK 500/ ZK 600 KNIFE FOLDING UNIT makes a final up or down cross fold.
- It can also be used off-line for folding booklets, signatures (to up to 144 pages, depending on stock), or other special commercial folding applications.

(Specification sheet available.)



- ◀ BAS/FSA 600/800 Pressing Unit with an integrated angled flat-pile delivery.
- Running, total, and batch counts with a "kicker" to mark batches.
- 3-up capability (4-up is optional)
- Unit is height adjustable.
- Operation is through L4 and M4 Controllers.
- BAS/STB Vertical-Stack Delivery is also available.



- ◀ MAIL SYSTEM COMPONENTS can be attached for producing direct mail pieces—plough folders, card feeders, labeling, wafer sealing, ink jetting, tipping, optical recognition, die punching, cutting, glue systems, and vacuum belt transports.



- ◀ BAUMER hhs® XCAM CAMERA SYSTEM for quality assurance .
- Blank sheet or missing data detection.
- Pattern matching.
- Bar code reading—data matrix and standard linear codes.
- Stores programmed jobs for recall.

### Other optional equipment for efficiency...

- Auxiliary guillotine and die-cutter for round corners and shapes
- Gluing systems—hot or cold
- Gate-fold plate
- Double stream device
- Timed perforating/cutting station
- Pre-slitter shafts
- Strip cutting device
- Edge cutting device
- Crimping device
- Auto Fold-Plate Setting

## GUK FA 54/FA 74/FA 82 FOLDER SPECIFICATIONS <sup>1</sup>

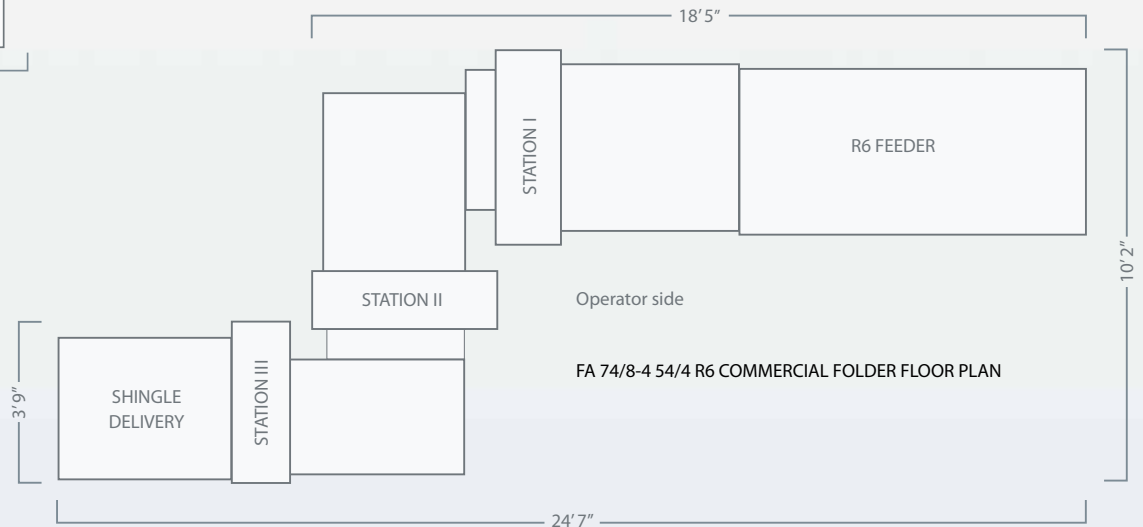
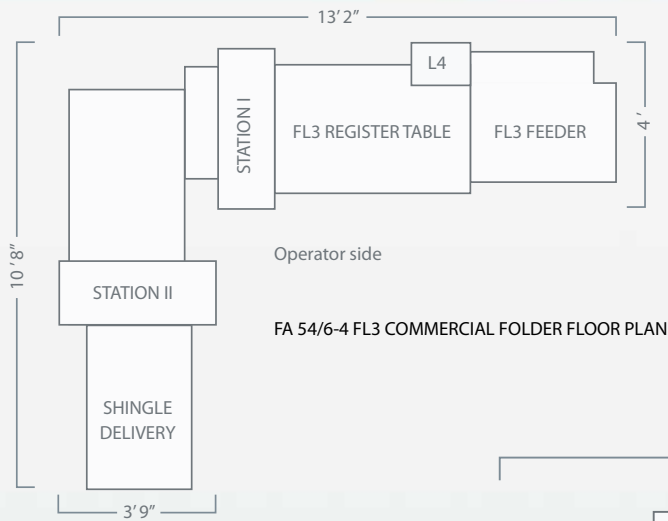
MODEL	FA 54	FA 74	FA 82
Number of stations	1 to 3	1 to 3	1 to 3
Number of plates	Station I	4, 6 or 8	4, 6 or 8
	Stations II and III	2, 4, 6 or 8	2, 4, 6 or 8
Smallest fold all Stations	$1\frac{3}{4}" (45\text{ mm})^2$	$1\frac{3}{4}" (45\text{ mm})^2$	$1\frac{3}{4}" (45\text{ mm})^2$
R6 feeder	max sheet size	$21\frac{1}{4}" \times 56\frac{5}{8}" (540 \times 1440)$	$29\frac{1}{8}" \times 56\frac{5}{8}" (740 \times 1440)$
	min sheet size	$6\frac{3}{8}" \times 6\frac{3}{8}" (160 \times 160)$	$6\frac{3}{8}" \times 8\frac{3}{8}" (160 \times 210)$
FL3 feeders	max sheet size	$21\frac{1}{4}" \times 31\frac{3}{8}" (540 \times 800)$	n/a
	min sheet size	$6" \times 7\frac{1}{2}" (150 \times 190)$	n/a
Pallet feeders <sup>3</sup>	max sheet size	n/a	$29\frac{1}{8}" \times 40\frac{7}{8}" (740 \times 1040)$
	min sheet size	n/a	$8\frac{3}{8}" \times 11\frac{3}{4}" (210 \times 297)$
Paper weights	27 lb. offset to 110 lb. cover	27 lb. offset to 110 lb. cover	27 lb. offset to 110 lb. cover
Production speed	<ul style="list-style-type: none"> <li>• up to 650 ft./min. (200 m/min.)<sup>4</sup></li> <li>• 40,000 letter-size sheets/hr.</li> </ul>	<ul style="list-style-type: none"> <li>• up to 650 ft./min. (200 m/min.)<sup>4</sup></li> <li>• 40,000 letter-size sheets/hr.</li> </ul>	<ul style="list-style-type: none"> <li>• up to 650 ft./min. (200 m/min.)<sup>4</sup></li> <li>• 40,000 letter-size sheets/hr.</li> </ul>
Electrical	220V, 3ø, 60 cycle	220V, 3ø, 60 cycle	220V, 3ø, 60 cycle

<sup>1</sup> Measurements in parentheses are in millimeters.

<sup>2</sup> Optional modification is available for folding down as small as 1" (26 mm).

<sup>3</sup> Model numbers are P4 Pallet Feeder for the FA 74 and P5 Pallet Feeder for the FA 82.

<sup>4</sup> Production speed depends on the stock 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*

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