G&K-VIJUK®

MV OUTSERT SYSTEMS

Your comprehensive line of outsert folding systems

G&K–VIJUK MACHINE CAPABILITIES

folding outserts...

folding medication

folding inserts...

coding and serializing...

bundling...

tabbing...

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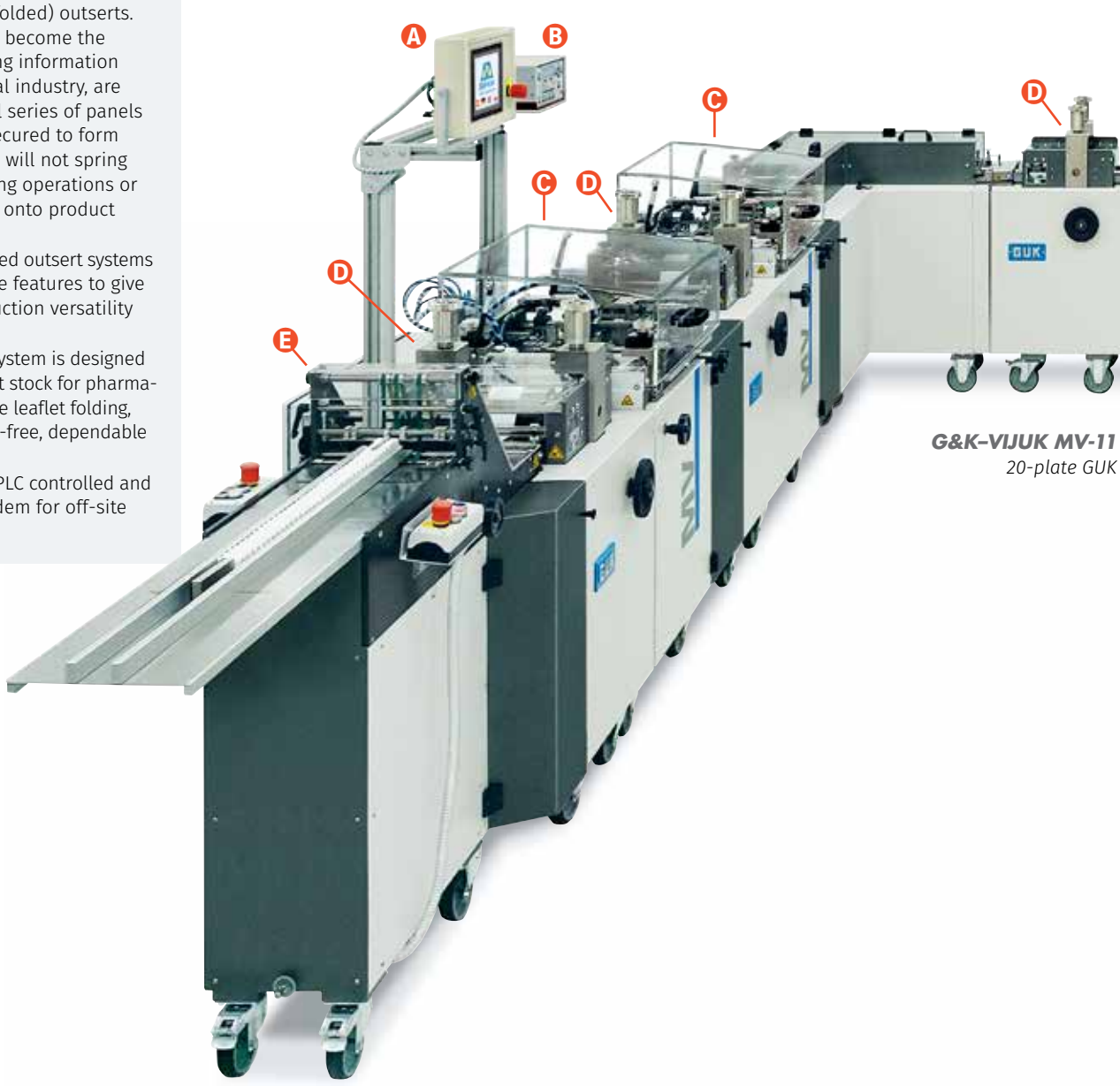
G&K–VIJUK MV OUTSERT SYSTEMS

G&K-VIJUK MV OUTSERT SYSTEMS are for the production of RTA (right-turn-angle or cross-folded) outserts. Outserts, which have become the standard for providing information in the pharmaceutical industry, are leaflets with the final series of panels folded inward and secured to form closed leaflets which will not spring open during packaging operations or while affixed directly onto product containers.

- The G&K–Vijuk patented outsert systems offer many innovative features to give you significant production versatility and advantages.
- The primary folding system is designed to handle light-weight stock for pharmaceutical and miniature leaflet folding, providing you trouble-free, dependable production.
- Outsert systems are PLC controlled and equipped with a modem for off-site diagnostic analysis.



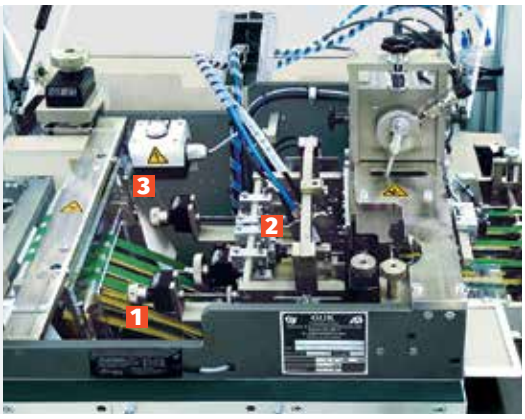
G&K–VIJUK MV-11
20-plate GUK

A The touch-screen, color-graphical **CONTROL PANEL (HMI)** controls the functions of the outsert section—the knife units, pressing units, and vertical stacker—controlling speed, alignment, counts, and jam detection.

B The **hhs® CONTROLLER** controls the glue process.

C Technologically advanced **KNIFE UNITS** provide safe, efficient, and accurate high-speed production of outserts.

- For easy setup, sets of **DIGITAL DIALS** (**1**) provide quick references for new and repeat jobs.
- Gluing (**2**) is integrated for efficiency.
- For dependable delivery of outserts, the exit belt shaft is now spring-loaded (**3**) to accommodate different thicknesses.
- **CLEAR SAFETY COVERS** with electronic interlocking switches allow view of production and safe operation.



TRIPLE KNIFE OUTSERT SYSTEM
FA53/R6/UM90 Turn Station

D Heavy-duty **PRESSING UNITS** apply a high degree of pressure on the outserts making them flat and extremely compact, which results in savings in storage, shipping, and packaging.

- Variable adjustment for applying maximum pressure on each outsert.
- Compact outserts are easier to handle manually and mechanically—and are easier to fit into packaging.
- Pressing units are included on all MV–11 and MV–X10+ Outsert Systems. It does not come on MV–X10 outsert systems, but may be added if needs change.

E The **VERTICAL-STACKING DELIVERY UNIT** stacks the folded pieces upright for easy, orderly collection.

- It is designed to handle speed and greater thicknesses.
- An air-activated batch kicker staggers pieces to mark batches.

G&K–VIJUK MV–11 OUTSERT SYSTEMS

MV-11 OUTSERT SYSTEMS are modular and can be customized with many optional attachments and accessories, giving you flexibility to meet your customer's varying needs.

- Product sizes and the number of panels outsert systems can fold are determined by the number of folding plates in the Station I folder and number of knife units in the system. Based on these factors and available options...
  - MV-11 Single Knife Systems fold up to 110 panels.
  - MV-11 Double Knife Systems fold up to 250 panels.
  - MV-11 Triple Knife Systems fold up to 350 panels.
- Single and Double Knife Systems may be upgraded by adding knife and pressing units.
- MV-11 Systems can be configured as required by the job.
- All models fold outserts as small as 1 1/8" x 1 1/8" (29 x 29 mm)—except when folding outserts with more than 294 panels (up to 350 panels) on the 24-plate triple knife model, the minimum size is 1 1/4" x 1 1/4" (32 x 32 mm).

GUK FA53 FOLDERS (A) are the standard Station I folders for MV-11 Outsert Systems with a 20 3/4" (53 cm) format. (Other GUK folder options are available.) FA53 Folders can have 8 to 20 plates for Single Knife Systems, or 12 to 24 plates for Double and Triple Knife Systems.

- Setup and changeovers on the FA53 are quick and easy with **CALIPER-SET** (1) rollers and **ZERO-MAKEREADY** plates with **DIGITAL DIALS** (2) for setting folding length.
- The **SAFETY COVER** (3) which allows a view of production has an electronic interlocking switch, ensuring safe operation.

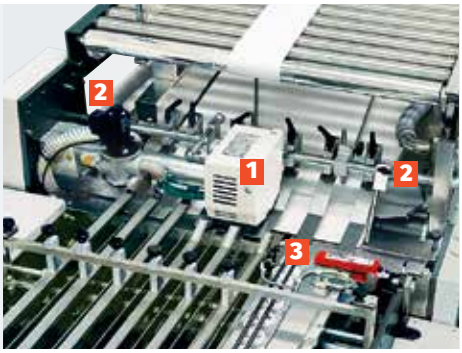
(B) Touch-screen controllers.

- The **BAUMER hhs® CONTROLLER** (1) monitors water scoring.
- The **L4 CONTROLLER** (2) is for setting production speed; total, batch, and production counts; parameters for the double-sheet ejection system; and sheet and fold lengths for various monitoring devices.

- The **M4 REMOTE CONTROL UNIT** allows you to operate the system from a Station II location.

(C) The continuous-load **R6 ROUND-PILE FEEDER** is standard. (Other feeder options are available.) The R6 feeds sheets up to 56 5/8" (1440 mm) in length. Long and difficult-to-feed 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 the adjustable floating blowers (2) on each side of the pile.

- The **ELECTRONIC DOUBLE-SHEET DETECTOR** (3) triggers the Double-Sheet Ejection Device on FA53 systems.



(D) When the **DOUBLE-SHEET EJECTION DEVICE** on the FA53 is triggered, the pneumatic cylinders (1) activate the ejection gate (2), and the double sheets are ejected before going into the folding rollers. Production continues uninterrupted.

- Accurate, tight folds are accomplished with the combination of **WATER SCORING** (3), and rotary scoring.
- Nirosta rollers are standard with water scoring on FA53 Folders.

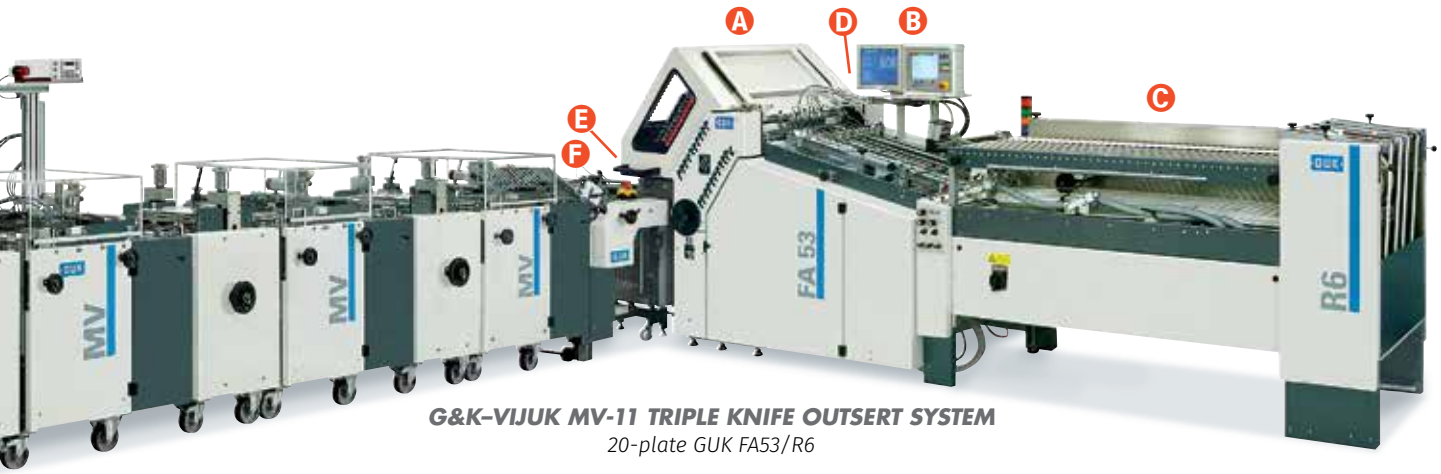
(E) The **ZWT53/2 TRANSFER UNIT** accurately transports the paper from Station I onto the roller table to Station II.

- The unit has independent, variable-speed control, allowing you to accurately vary the position where the product enters the folding rollers of Station II by the job, so the full width of rollers can be utilized for uniform wear.

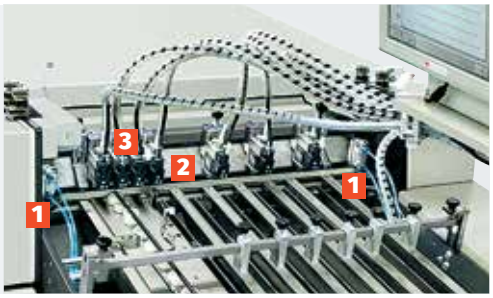
(F) **STATION II** is a GUK folder modified with narrow-ribbed plates, and special folding and pressure rollers to handle thick, small-size leaflets. Station II is a 4-plate folder on Single Knife Systems. It is a 2-plate folder on Triple and Double Knife Systems.

- The first of a series of sensors (1) in the "intelligent," self-teaching **ELECTRONIC JAM-DETECTING SYSTEM** in the outsert section. The sensors record the timing of sheet passage. If product does not arrive at a sensor point in the proper time, the operation preceding that point will shut down to prevent further jamming and minimize downtime.

- **FOLD-LENGTH MONITORS**, one concealed above the exit rollers on Station I and the other mounted beneath the exit rollers on Station II (1), measure product coming out and stop the machine when the folded length is incorrect.



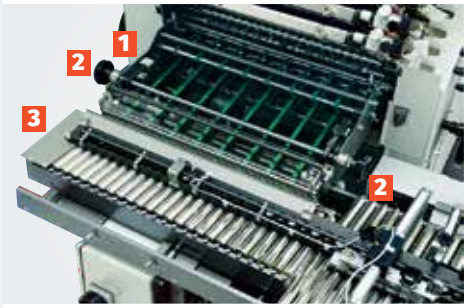
G&K–VIJUK MV-11 TRIPLE KNIFE OUTSERT SYSTEM
20-plate GUK FA53/R6



The **24-PLATE GUK FA53 FOLDER** offers many advantageous features, in addition to enabling the production of capserts with maximal copy space—up to 350 panels in Triple Knife Outsert Systems.

- It has shorter plates (**1**) and a lower-profile safety cover (**2**), making them lighter for easier handling or maneuvering. (These features are optional on all other outsert systems.)

- The new hinge-style **ZWT53/4 TRANSFER UNIT** (**1**) streamlines the transfer of products from Station I to Station II and eases setup and changeovers.
- With a quick turn of the knobs (**2**), the exit can be adjusted in or out for precise placement of product on the roller table.
- With independent speed control, flat belts at the top and bottom effectively move products from Station I to the roller table.
- The **ROLLER TABLE** (**3**), which receives and moves products from the transfer unit to Station II, is split to allow the carrier rollers to be laterally adjusted, making it easier to align the product precisely.



- The hinge feature allows the ZWT53/4 to be maneuvered to uncover the scoring shafts (**4**) for easy adjustments.
- The ZWT53/4 and new roller table are standard on the 24-plate model and optional on all other FA53 models.

- 24-plate systems include an elevated, non-skid platform for convenient feeding and system operation.

G&K–VIJUK MV–X10 OUTSERT SYSTEMS

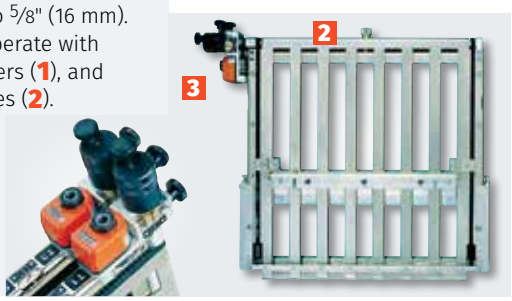
MV-X10 OUTSERT SYSTEMS are basic, economically-priced, single-knife models designed for highly-efficient and accurate high-volume production of small inserts and outserts.

- Customized for specific needs, they are Ideal for a cost-effective way to branch out into folding small outserts.
- Depending on the primary folder and number of plates, MV-X10 Outsert Systems fold outserts with up to 110 panels as small as 1 1/8" x 1 1/8" (29 x 29 mm.)
- The basic system does not come with water scoring.
- **G&K–VIJUK MV-X10+ OUTSERT SYSTEMS** include a pressing unit for folding flatter, more compact outserts.
- MV-X10 and MV-X10+ Outsert Systems cannot be expanded.

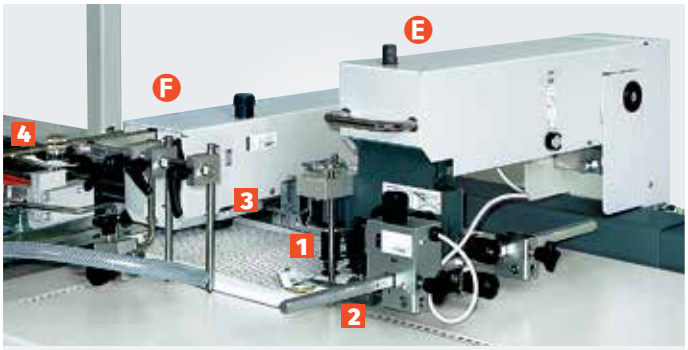
G&K–VIJUK MV-X10 OUTSERT SYSTEM
8-plate GUK FA45/FL2

GUK FA36/45 FOLDERS (A) are cost-effective and ideal as a Station I folder on a start-up MV-X10 Outsert System for folding small outserts. (Other GUK folder options are available according to your needs.)

- Format sizes are 14 3/16" (36 cm) or 17 3/4" (45 cm) with 2 to 8 plates.
- Station I folds down to 5/8" (16 mm).
- Easy to set up and operate with quick caliper-set rollers (1), and zero-makeready plates (2).
- A simple turn of the **ADJUSTMENT DIAL** (3) will make it a folding plate or a deflector plate.



(D) Station II is a 4-plate folder designed with narrow-ribbed plates and special folding and pressure rollers for handling thick, small-size leaflets.



(B) **MCS106 PREDETERMINED COUNTER,** displays readouts of total and batch counts and the current production speed by digital tachometer. It swivels for operator convenience.

(C) Variable-speed **ZWT45/2 TRANSFER UNIT** transfers folded sheets from Station I onto the roller table to Station II. The exit position can be varied by job to make use of the full width of the folding rollers for uniform wear.

■ **FL2 FLAT-PILE FEEDER** is commonly paired with the FA45 Folder. It has a stacking height of 23 5/8" (60 cm) and feeds sheet lengths up to 33 3/8" (85 cm).

(E) In the **REAR SEPARATING FEED SYSTEM,** suction heads (1) lift sheets while air blasts (2) aerate and separate them, efficiently feeding pharmaceutical weight paper.

- The feed system is hinged to lift up and out of the way for easy loading.

(F) In the **INFEED SECTION,** a drum suction wheel (3), shielded by a safety cover, transfers the paper to the register table leading to the folding rollers.

- A caliper-set mechanical double-sheet detector (4) stops the feeder when a miss-feed occurs.

PRIMARY FOLDER OPTIONS

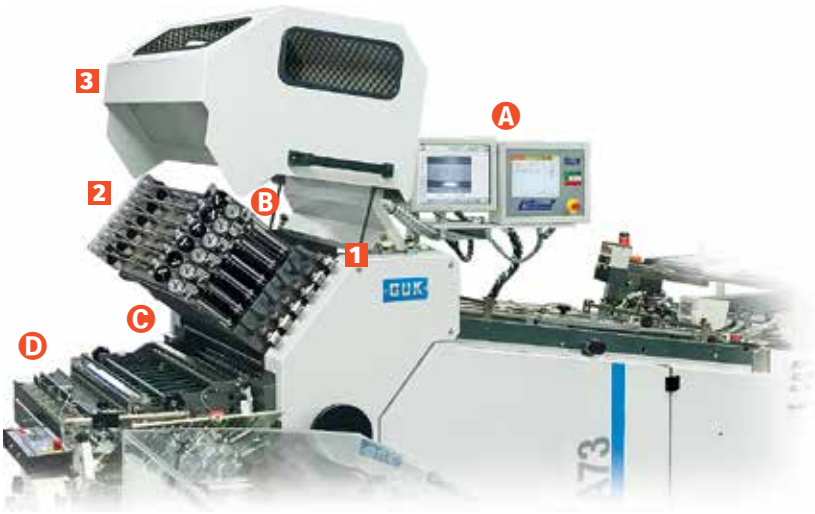
The primary folder is the main driving force of the outsert system. The **GUK FA53 FOLDERS,** generally specified for MV-11 Outsert Systems, were described on pp. 6-7; and the **GUK FA36/45 FOLDERS,** for MV-X10 Outsert Systems, were described on p. 8. These and the following folders may be used in any of the MV Outsert Systems.

The gear-driven, wide-format **GUK FA73 FOLDER,** designed to handle lightweight pharmaceutical stock, will fold sheets 28¾" (73 cm) wide—providing up to 38% more copy space than sheets folded on GUK FA53 Folder systems.

- The FA73 is manufactured with 12 plates and folds down to 1¾" (45 mm).
- Setup and changeovers are quick and easy with **CALIPER-SET** (**1**) rollers and new-style **ZERO-MAKEREADY** plates (**2**) with time-saving drop-in deflectors. Fold lengths are simply set by digital dials.
- The **SAFETY COVER** (**3**) which allows a view of production has an electronic interlocking switch, ensuring safe operation.

A Operation is through touch screen controllers as described on p. 6.

- Nirosta rollers are installed on FA73 Folders with water scoring.



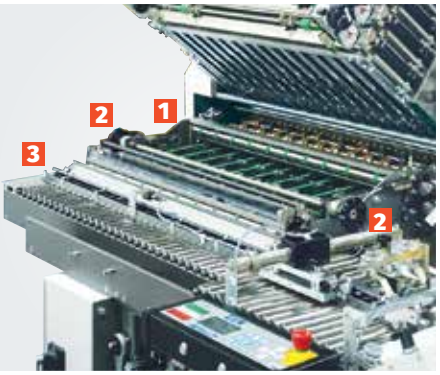
B When the **DOUBLE-SHEET EJECTION DEVICE** is triggered by the double sheet detector on the feeder, the pneumatic mechanisms (**1**) on each side of the folder activate the ejection gate (**2**), and the double sheets are ejected before entering folding rollers. Production continues uninterrupted.

C The new hinge-style **ZWT73/4 TRANSFER UNIT** (**1**) was developed to ease setup and changeovers in addition to streamlining the transfer of products from Station I to Station II.

- Like the ZWT53/4 Transfer Unit described on p. 7, it has flat belts to effectively move products from Station I, and the exit point can be set with a quick turn of knobs (**2**).

D The **ROLLER TABLE** (**3**), which receives and moves products from the transfer unit to Station II, is split to allow the carrier rollers to be laterally adjusted, making it easier to align the product precisely.

- The hinge-style ZWT73/4 can be maneuvered to allow access to the scoring shafts (**4**), which, additionally, can be rolled out for easy adjustment in the gear-driven FA73 Folder.



(Primary folder options continued on p. 10)

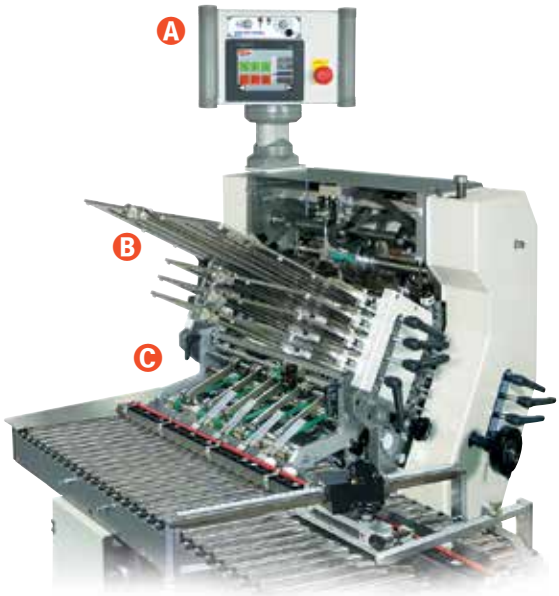
PRIMARY FOLDER OPTIONS *(cont.)*

GUK FA35/43 FOLDERS, have format sizes of 13¾" (35 cm) or 17" (43 cm) with 4 to 12 folding plates.

- Designed to handle pharmaceutical stock, it folds down to ½" and is excellent for folding smaller outserts.
- Operation is quiet and slip-free with toothed belt and helical gears.
- Safety sound covers (not shown) are standard.

A Touchscreen **CONTROL PANEL** for controlling and displaying total and batch counts and current production speed.

- Recalls programmed jobs.



B **FOLDING PLATES** have narrow ribs to accommodate miniature-size folding.

- **JAM-DETECTION SENSOR** (**1**) turns off the drive when paper misfeeds occur.
- Minimal gap (**2**) between transfer rollers allows trouble-free advancement of small outserts.

- **FOLDING ROLLERS** (**1**), made of urethane and steel for durability, are spring-loaded and self-compensating for easier make-ready and changeover.
- Heavy-duty scoring shafts (**2**).

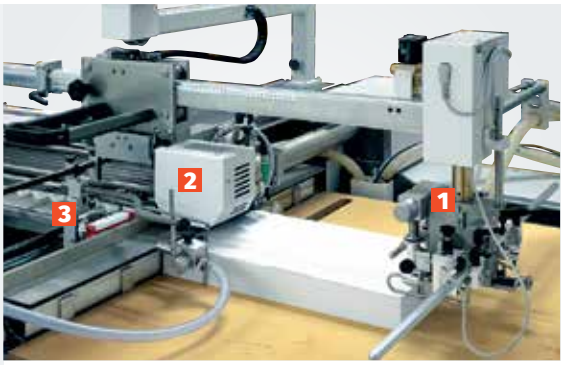
C Variable-speed **ZWT43/2 TRANSFER UNIT** transfers folded sheets from Station I onto the roller table to Station II, varying the position to make use of the full width of the folding rollers for uniform wear.

FEEDER OPTIONS

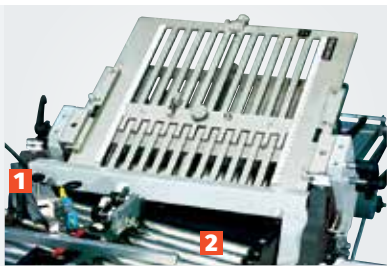
The continuous-load **R6 ROUND-PILE FEEDER,** generally specified for MV-11 Outsert Systems, was described on p. 6; and the **FL2 FLAT-PILE FEEDER,** for MV-X10 Outsert Systems, was described on p. 8. These may be used in any of the MV Outsert Systems.

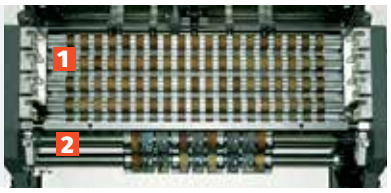
■ The **FL3 FLAT-PILE FEEDER** can be used with GUK FA53 and FA73 Folders in outserts systems.

- It has a maximum pile height of 27½" (70 cm) and feeds sheet lengths up to 40⅞" (104 cm).
- **REAR SUCTION HEADS** (**1**) lift sheets with the aid of air blasts while the **TOP-SUCTION WHEEL** (**2**) shielded by a safety cover transfers the paper to the anti-static alignment table leading to the folding rollers.
- **ELECTRONIC DOUBLE-SHEET DETECTOR** (**3**) triggers the Double-Sheet Ejection Device on FA53 and FA73 systems.
- Setup and operation is through the L4 Controller and M4 Remote Control Unit described on p. 6.



■ A new **PALLET FEEDER** is being developed for GUK FA73 Folders.

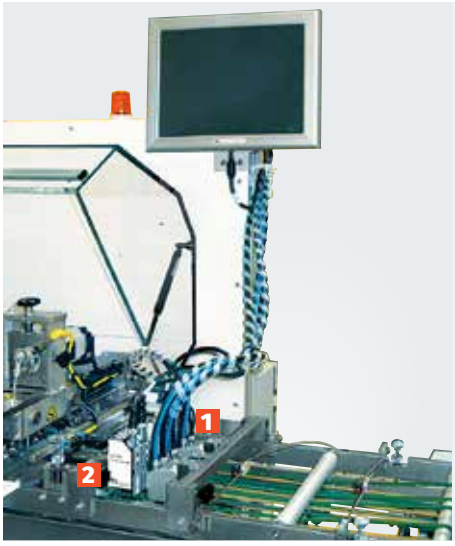




- **REMOTE CONTROL** that can be hand held for operation away from the main panel.

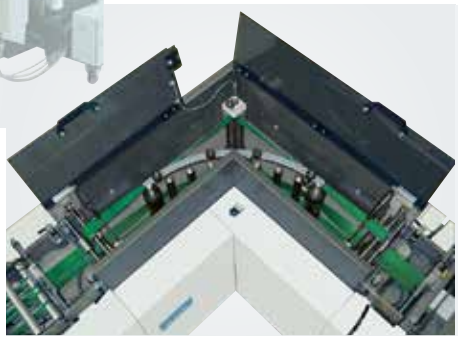
BAUMER hhs® Xcam CAMERA SYSTEM for content quality assurance.

- Makes independent top and bottom readings.
- Blank sheet or missing data detection.
- Pattern matching.
- Barcode reading—data matrix and standard linear codes.
- Job recall.



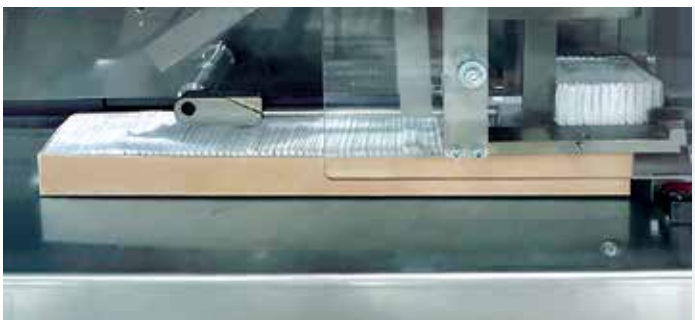
GLUE VERIFICATION SYSTEM ensures all outserts are properly secured.

- Gluing is performed on-the-fly in the knife in-feed area.
- **GLUE GUNS** (1) dispense the glue.
- **ELECTRONIC SCANNERS** (2) verify glue dots.
- When programmed for 100% verification, and the scanners do not see glue on the outserts, they will turn off the feeder to stop production for manual removal of incomplete outserts.
- When the system is used in conjunction with the G&K-Vijuk TTM, CTM, or CM Stations featured on page 12, the non-glued outserts will be ejected automatically through the station, while production continues nonstop.



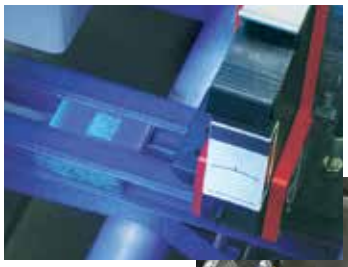
G&K-VIJUK UM90 TURN STATION for optimal use of existing production area.

- Modular station for easy integration without tools.
- Footprint reduction of up to 40% or 222 sq. ft. (20 sq. m).
- Smaller operating area enables easier monitoring of production.



G&K–VIJUK PPM AUTO-STACKER for saving time and labor.

- Automatically collects leaflets and packs them compactly into a tray.
- When full, the tray moves to a receiving area, while a new tray moves into place without interrupting production.
- Trays sizes (W x H x L) from 1 1/4" x 1" x 11" (32 x 26 x 280 mm) to 7 7/8" x 3 1/8" x 36" (200 x 80 x 915 mm).

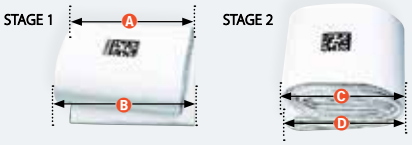


■ **G&K–VIJUK TTM CODING & SERIALIZING STATION** is an inkjet system that prints a unique code (industry standard 1-dimensional and 2-dimensional code styles) or serial number on each outsert.

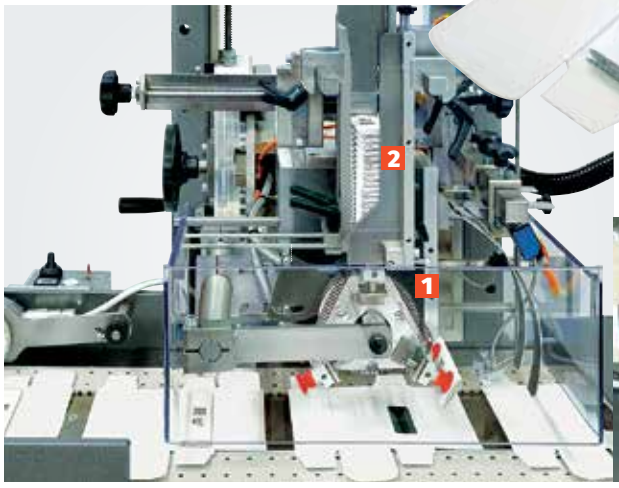
- It is plug & play, ready to be used with all MV-11 and MV-X10 outsert systems, or can be used off line with the GUK PA15 Folded-Leaflet Feeder.
- Setup is quick with a print-head ink cartridge and no messy ink refilling or nozzle cleaning.
- A camera verifies printed code and checks print quality for readability in tracking and tracing.
- Outserts that do not meet defined specifications are ejected.
- All verification results, good and bad, are logged and stored for a record of valid and missing numbers in the series.
- An optional UV ink system is available with a special camera and black light.

■ **G&K–VIJUK CTM CODING/SERIALIZING & FOLD-INSPECTION STATION** is similar to the TTM Coding & Serializing Station in every way, but includes more quality control functions.

- In addition to the camera for verifying print, a two-stage camera system makes dimensional measurements to verify the size and shape of outserts.



- When specifications are not met, outserts are ejected.
- A **G&K–VIJUK CM INSPECTION STATION** without the inkjet system is also available.



■ **GUK-SIGMA PICK & PLACE STATION** is for tipping leaflets or outserts onto packaging.

- Suction cups on a servo-driven rotor head (**1**) pick up an outsert from the feeder (**2**), then accurately place it onto a carton.
- It is modular and can also be installed on mailing service lines or the delivery end of folders, saddle stitchers, or other finishing equipment for placing flat or three-dimensional items onto products.
- Its control may be integrated with the controls of the primary machine to synchronize the operation and maintain production speed.

■ **G&K–VIJUK GLUEPAC®** is a modular outsert bundling system composed of a conveyor, two to four feeders and gluing units, and a vertical-stack delivery.

- It will bundle 2 to 4 objects.
- Pictured is a system with 2 servo-driven **GUK PA15 FOLDED-LEAFLET FEEDERS** (**1**), which are mounted perpendicularly to the conveyor to advance, rotate (90°), and feed outserts in the proper orientation for bundling.
- Hot or cold, permanent or fugitive glue may be applied.
- Depending on the components of the finished product, other feeding systems may be required in place of or along with PA15 Feeders. Such may be a **PA30 FRICTION FEEDER** (**2**), which feeds very thin leaflets and difficult-to-handle products or the **PICK & PLACE SYSTEM** shown on p. 12.
- Optional accessories: **CAMERA SYSTEM** for OCR/pattern matching and bar code reading at each feeding point to ensure proper composition of the sets; **GLUE VERIFICATION**; and **BATCH COUNTER** (**3**) with a fluorescent-ink marking device.

■ **G&K–VIJUK TABPAC®** is a similar modular system using tabbing units in place of gluing units.

- Tabs are applied on each end (**4**) or two sides of the stacks to produce compact bundles of items that have similar widths.
- Optional accessories: **ULTRAVIOLET CAMERA** for verifying the applications of tabs (**5**); and the **CAMERA SYSTEM** and **BATCH COUNTER** mentioned above with the GluePac®

■ **G&K–VIJUK SIGMA TABBER** has front access for quick, easy setup and operation.

- Four spring-loaded, adjustable gripper shafts on a servo-driven rotor receive product from in-feed belts and spin counterclockwise to flip the products 180°, delivering them with the open end toward the tabbing unit (**1**).
- Side guides align products laterally for accurate placement of the tab, and parallel stops register products for tight seals.
- Advancement of the tab roll is controlled by sensors that detect print marks, synchronizing the tabs to product arrival (**2**).
- Optional label-peeling devices for different size tabs, and double grippers for wider products are available.
- A dual-head tabber is available.
- The tabber can be used in line with insert and outsert folding systems—synchronized with the production speed.
- Handles leaflets sizes (W x L x Thick) from $1\frac{1}{4}$" x 1" x $\frac{3}{64}$" to $7\frac{7}{8}$" x $4\frac{1}{4}$" x $\frac{3}{4}$" (32 x 25 x 1 mm to 200 x 110 x 20 mm).
- The tab roll core is 3" (76.5 mm).

G&K–VIJUK ADVANTAGE

TOTAL SUPPORT

- **CONSULTATION**
  Confer with knowledgeable sales consultants.
- **TRAINING**
  Comprehensive training on-site or in our plant.
- **SERVICE**
  Highly skilled technicians are available for on-site service.
- **CONTINUED SUPPORT**
  Phone consultation is available during G&K–Vijuk business hours.
- **PARTS**
  G&K–Vijuk inventories spare parts for our complete line—generally available for overnight shipping.

MODEL		
Starting sheet size (W x L)	**GUK FA35 R6 FEEDER**	max
		min
Starting sheet size (W x L)	**GUK FA43 R6 FEEDER**	max
		min
Starting sheet size (W x L)	**GUK FA36 FL2 FEEDER**	max
		min
Starting sheet size (W x L)	**GUK FA45 FL2 FEEDER**	max
		min
Starting sheet size (W x L)	**GUK FA53 R6 FEEDER**	max
		min
Starting sheet size (W x L)	**GUK FA53 FL3 FEEDER**	max
		min
Starting sheet size (W x L)	**GUK FA73 R6 FEEDER**	max
		min
Starting sheet size (W x L)	**GUK FA73 FL3 FEEDER**	max
		min
Finished leaflet sizes (W x L)		min
		max
Maximum number of panels[3]		8-plate[4]
		10-plate[4]
		12-plate[4]
		14-plate[4]
		16-plate[4]
		18-plate[4]
		20-plate[4]
		24-plate[4]
Water score heads		
Maximum cycle speed		
Electrical		

[1] Specifications are based on using 27 lb. (40 gram) paper on outsert
[2] When folding outserts with more than 294 panels, up to 350-panels
[3] RTA outserts with more than 90 panels must be produced using
[4] Based on the primary folder. The GUK FA35/43 have 4 to 12 plates.
[5] For RTA outserts with 238, but less than 266 panels, 24 lb. (37 gram)
[6] Production speed depends on the finished folded size and number

G&K–VIJUK MV OUTSERT SYSTEMS SPECIFICATIONS [1]			
MV-11 SINGLE KNIFE-UNIT	**MV-11 DOUBLE KNIFE-UNIT**	**MV-11 TRIPLE KNIFE-UNIT**	**MV-X10**
13¾" x 56⅝" (350 x 1440)	13¾" x 56⅝" (350 x 1440)	n/a	n/a
6⅜" x 6⅜" (160 x 160)	6⅜" x 6⅜" (160 x 160)	n/a	n/a
17" x 56⅝" (430 x 1440)	17" x 56⅝" (430 x 1440)	n/a	n/a
6⅜" x 6⅜" (160 x 160)	6⅜" x 6⅜" (160 x 160)	n/a	n/a
n/a	n/a	n/a	14 3/16" x 33⅜" (360 x 850)
n/a	n/a	n/a	4"x5¾" (105 x 145)
n/a	n/a	n/a	17¾" x 33⅜" (450 x 850)
n/a	n/a	n/a	4"x5¾" (105 x 145)
20¾" x 56⅝" (530 x 1440)	20¾" x 56⅝" (530 x 1440)	20¾" x 56⅝" (530 x 1440)	20¾" x 56⅝" (530 x 1440)
6⅜" x 6⅜" (160 x 160)	6⅜" x 6⅜" (160 x 160)	6⅜" x 6⅜" (160 x 160)	6⅜" x 6⅜" (160 x 160)
20¾" x 40⅞" (530 x 1040)	20¾" x 40⅞" (530 x 1040)	20¾" x 40⅞" (530 x 1040)	20¾" x 40⅞" (530 x 1040)
6" x 7½" (150 x 190)	6" x 7½" (150 x 190)	6" x 7½" (150 x 190)	6" x 7½" (150 x 190)
28¾" x 56⅝" (730 x 1440)	28¾" x 56⅝" (730 x 1440)	28¾" x 56⅝" (730 x 1440)	28¾" x 56⅝" (730 x 1440)
6⅜" x 8⅜" (160 x 210)	6⅜" x 8⅜" (160 x 210)	6⅜" x 8⅜" (160 x 210)	6⅜" x 8⅜" (160 x 210)
28¾" x 40⅞" (730 x 1040)	28¾" x 40⅞" (730 x 1040)	28¾" x 40⅞" (730 x 1040)	28¾" x 40⅞" (730 x 1040)
6" x 7½" (150 x 190)	6" x 7½" (150 x 190)	6" x 7½" (150 x 190)	6" x 7½" (150 x 190)
1⅛" x 1⅛" (29 x 29) 2" x 1" (50 x 25)	1⅛" x 1⅛" (29 x 29) 2" x 1" (50 x 25)	1⅛" x 1⅛" (29 x 29) [2] 2" x 1" (50 x 25)	1⅛" x 1⅛" (29 x 29) 2" x 1" (50 x 25)
6" x 3" (152 x 76)	6" x 3" (152 x 76)	6" x 3" (152 x 76)	6" x 3" (152 x 76)
90	n/a	n/a	90
110	n/a	n/a	110
110	130	182	110
110	150	210	n/a
110	170	238	n/a
110	190	266 [5]	n/a
n/a	210	294 [5]	n/a
n/a	250	350 [5]	n/a
4	8	8	0
14,000 cycles/hour [6]	14,000 cycles/hour [6]	14,000 cycles/hour [6]	14,000 cycles/hour [6]
• 230V, 3ø, 60 cycle • 400V, 3ø, 60 cycle	• 230V, 3ø, 60 cycle • 400V, 3ø, 60 cycle	• 230V, 3ø, 60 cycle • 400V, 3ø, 60 cycle	• 230V, 3ø, 60 cycle • 400V, 3ø, 60 cycle

systems, unless otherwise noted. Measurements in parentheses are in millimeters.
on 24-plate triple knife systems, the minimum finished size is 1¼" x 1¼" (32 x 32 mm).
a 10- or 14-panel configuration in the right-turn-angle section, depending on the model.
The GUK FA36/45 have 2 to 8 plates. The GUK FA53 have 8 to 24 plates. The GUK FA73 has 12 plates.
paper is recommended. For outserts with 266 or more panels, 24 lb. (37 gram) or lighter paper is required.
of panels.

We appreciate your interest in G&K–Vijuk International.

For all your folding needs, G&K–Vijuk proudly offers high-quality equipment with 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 8¼" to 32¼".

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All specifications subject to change without notice.

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