



G&K VIJUK

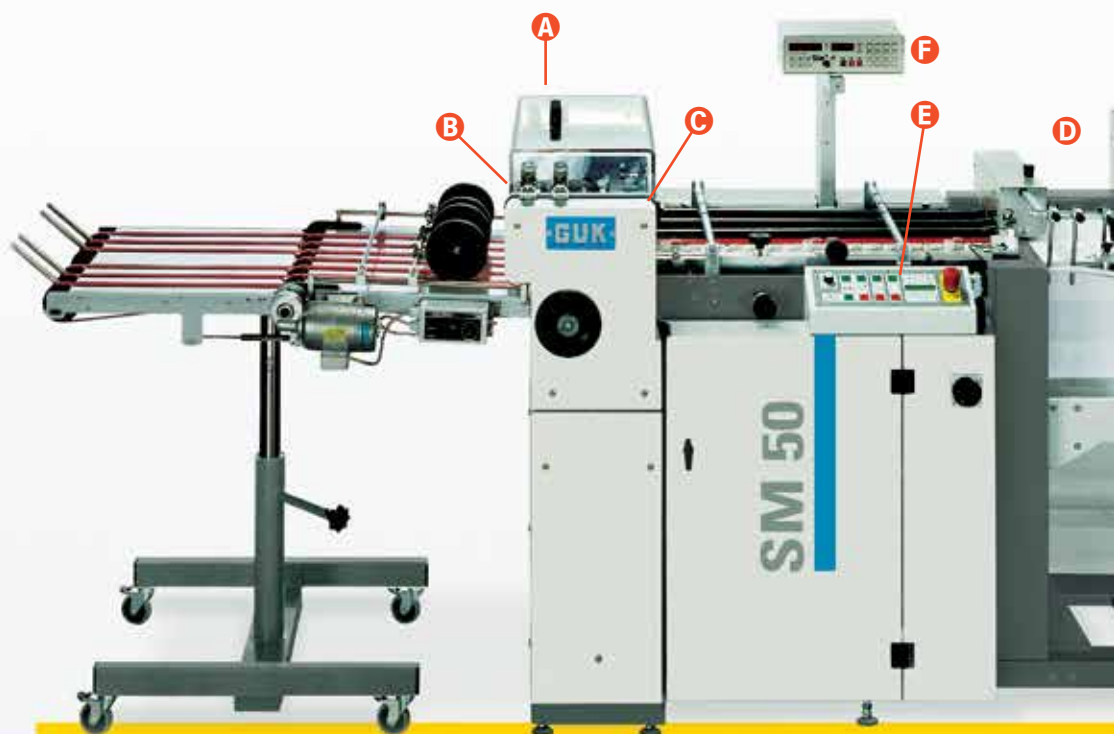
SM SCORE-PERF-SLIT UNITS

For clean precise scores, perforations, and slits—and smooth flat folds

G&K VISUK

SM50/SM54/SM70/SM74 SCORE-PERF

A perfect print job can be ruined with folds that crack or are not accurately positioned. For smooth, flat folds and clean, clear scores and slits—properly placed—install a GUK SM50, SM54, SM70 or SM74 Score-Perf-Slit Unit. The units are small in size, so they are the ideal solution for improving the quality of production.

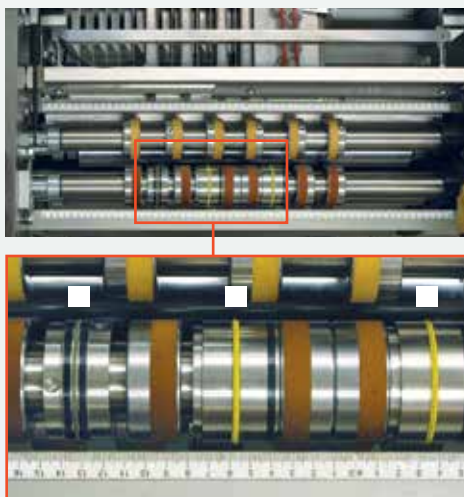


■ Customize to suit your requirements

- SM Units fit in new or existing systems.
- Choose from the following format widths: SM50—20³/₈", SM54—21¹/₄", SM70—28¹/₄", or SM74—29¹/₈".
- The SM50 and SM70 Units come with 2 sets of shafts. Each set has an upper and a lower shaft with 6 urethane/steel rollers per shaft.
- The SM54 and SM74 Units are equipped with 4 sets of shafts.
- Pictured above is an SM50 FL2 Score-Perf-Slit System equipped with an FL2 Flat-Pile Feeder and S520 Shingle Delivery—one of many system variations.
- Optimize your system with GUK feeders, folders, delivery units, optional tools and accessories, depending on your needs.

- A** The **QUICK-RELEASE SHAFTS** are easy to set up and install.
 - **2 SETS OF SHAFTS** are shown in this overview of the SM50. One set is fitted with micro perforating (1) and scoring (2) tools, in which case the processes will be performed simultaneously.
 - The other shaft set may be fitted with tools that will perform separate processes like timed perforating or slitting during the same cycle.

- On SM54 and SM74 Score-Perf-Slit Units, the 4 sets of knife shafts may perform several procedures in a single pass. For example, scoring with the first set of knife shafts, perforating with the second set, edge trimming with the third set, and gutter slitting with the fourth set.
- Shaft rollers are made of urethane and steel for optimal gripping and durability.



- B** **CALIPER-SET DEVICES** automatically set the pressure of the shaft sets. Micro-dial adjustments can be made if necessary.
 - A clear **SAFETY COVER** with an electronic interlocking switch ensures safe operation without obstructing the view of operation.
- C** Spiral-toothed, hardened, and ground steel helical gears in the synchronous roller drive are slip-free for handling even heavy-weight stock.
 - The gear system is located on the exterior (behind safety covers) for easy access.
 - All GUK SM Score-Perf-Slit Units are available with hydraulic height-adjustable bases, so the alignment tables can be incorporated with a number of GUK folders and direct mail producing systems or other brand digital presses, stitchers, or related primary machines.
 - SM Score-Perf-Slit Units handle paper weights from 30 lb. offset to 110 lb. cover.
 - Machine speeds are up to 650 ft./min. or 40,000 letter-size sheets/hr.

SLIT UNITS



GUK SM50 FL2 Score-Perf-Slit System



**SM54 HT
Score-Perf-Slit Unit**

HEIGHT-ADJUSTABLE SM SCORE-PERF-SLIT UNITS

- These units are mobile and equipped with a hydraulic height-adjustable base, anti-static roller alignment table, and independent motor drive, so they can be attached to digital presses, copiers, mailing systems, and other primary machines.
- A belt alignment table is available for handling certain products.
- For further finishing, a buckle or knife folder can be attached to SM Units—whether the SM Unit is attached to a feeder or other primary machine.
- Preceding folding, an SM Unit's precise, scoring, perforating and slitting will complement finishing to the highest degree of accuracy and quality.

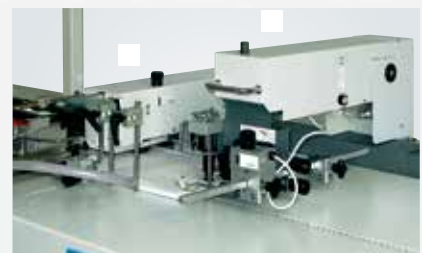


SM50 FA50 FL2 Score-Perf-Slit-Fold System



D FL2 FLAT-PILE FEEDER

- Suction heads in the **REAR SEPARATOR (1)** lift the sheets with the aid of air blasts while a **DRUM SUCTION WHEEL (2)**, shielded by a safety cover, transfers the sheets to the register table.
- A quick caliper-set double-sheet detector ensures accurate feeding.
- The rear separator is hinged to lift up and out of the way for easy loading.
- The stacking height is 25½" (650 mm).



E CONTROL PANEL for programming jobs—setting up the feeder, production speed, sheet length, gap, and processing lengths; vacuum, and sheet suction.



F The MCS 106 CONTROLLER for monitoring total, batch, and running counts.



FEEDER OPTIONS

FL3 Flat-Pile Feeder

- REAR SUCTION HEADS lift sheets with the aid of air blasts while the drum suction wheel transfers the paper to the anti-static alignment table leading to the folding rollers. Setup and operation is through a touch-screen L4 Controller (1).
- Maximum pile height is 27½" (700 mm).



SAF Bottom-Suction Feeder

- CONTINUOUS-LOAD SAF FEEDER has air channels in the side rails for separating sheets to aid the bottom-suction drum in moving the paper to the anti-static stainless steel register table.

TOOL OPTIONS

- Slitting
- Edge slitting
- Gutter slitting
- Timed slitting
- Scoring
- Triple scoring
- Spine and hinge scoring—up to 4 narrowly spaced scores
- Perforating
- Micro perforating
- Timed perforating
- Urethane and steel transport rollers
- Tri-Creaser scoring and perforating tools

CUSTOMIZE with optional equipment

- Buckle folders
- Knife folders
- Gluing systems—hot or cold
- Vertical-stack delivery with kicker
- Batch-counter
- Pressing units
- Pressing units with vertical stacker
- Pressing units with integrated chute delivery
- Mobile base for feeder, machine, and pump

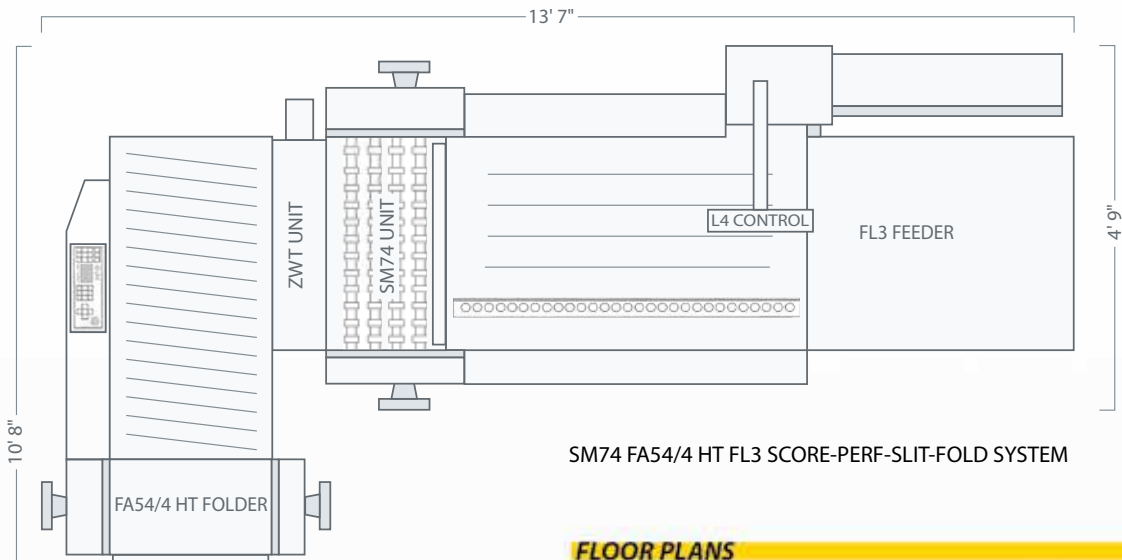
GUK SM SCORE-PERF-SLIT UNITS SPECIFICATIONS¹

MODEL		SM50	SM54	SM70	SM74
Number of shaft sets ²		2	4	2	4
Sheet size SM Unit	max	20 3/8" x 31 3/8" (520 x 800)	21 1/4" x 40 7/8" (540 x 1040)	28 1/4" x 40 7/8" (720 x 1040)	29 1/8" x 40 7/8" (740 x 1040)
	min	4 1/4" x 5 3/4" (105 x 145)	6" x 8 3/8" (150 x 210)	6" x 8 3/8" (150 x 210)	6" x 8 3/8" (150 x 210)
Sheet size with FL Feeder	max	FL2 Flat-Pile Feeder 20 3/8" x 31 3/8" (520 x 800)	FL3/54 Flat-Pile Feeder 21 1/4" x 40 7/8" (540 x 1040)	FL3/72 Flat-Pile Feeder 28 1/4" x 40 7/8" (720 x 1040)	FL3/74 Flat-Pile Feeder 29 1/8" x 40 7/8" (740 x 1040)
	min	4 1/4" x 5 3/4" (105 x 145)	6" x 8 3/8" (150 x 210)	6" x 8 3/8" (150 x 210)	6" x 8 3/8" (150 x 210)
Sheet size with SAF Feeder	max	17 3/4" x 25 1/2" (360 x 650)	n/a	n/a	n/a
	min	4 1/4" x 5 3/4" (105 x 145)	n/a	n/a	n/a
Infeed height on height-adjustable units	max	34" (865)	34" (865)	34" (865)	34" (865)
	min	23 1/4" (590)	23 1/4" (590)	23 1/4" (590)	23 1/4" (590)
Paper weights		30 lb. offset to 110 lb. cover	30 lb. offset to 110 lb. cover	30 lb. offset to 110 lb. cover	30 lb. offset to 110 lb. cover
Production speed		• up to 650 ft./min. (200 m/min.) ³ • 40,000 letter-size sheets/hr. ³	• up to 650 ft./min. (200 m/min.) ³ • 40,000 letter-size sheets/hr. ³	• up to 650 ft./min. (200 m/min.) ³ • 40,000 letter-size sheets/hr. ³	• up to 650 ft./min. (200 m/min.) ³ • 40,000 letter-size sheets/hr. ³
Electrical		220V, 3ø, 60 cycle	220V, 3ø, 60 cycle	220V, 3ø, 60 cycle	220V, 3ø, 60 cycle

¹ Measurements in parentheses are in millimeters.

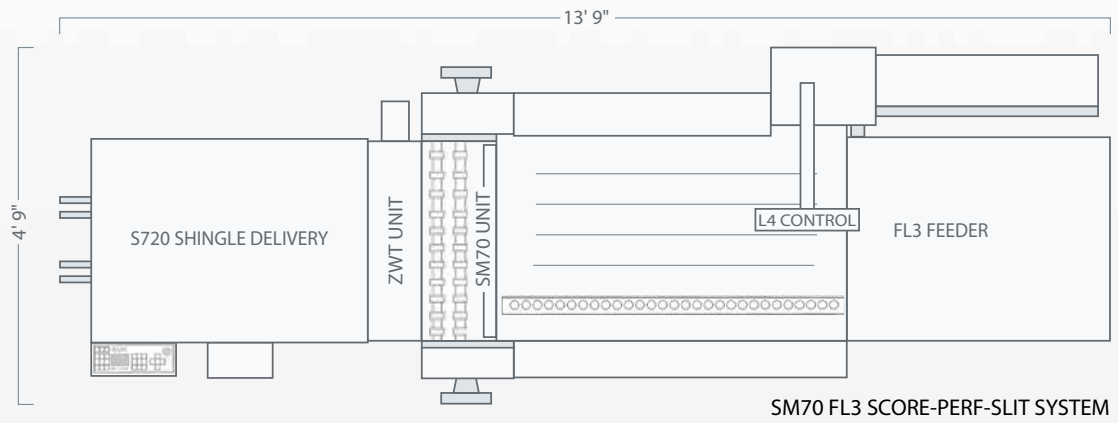
² Each set has an upper and a lower shaft for scoring, perforating, or slitting tools.

³ Production speed depends on the stock, processes and machine configuration.

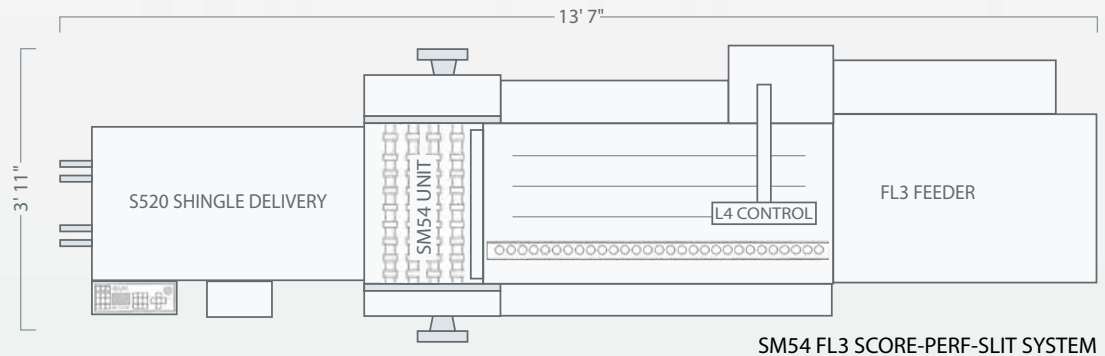


SM74 FA54/4 HT FL3 SCORE-PERF-SLIT-FOLD SYSTEM

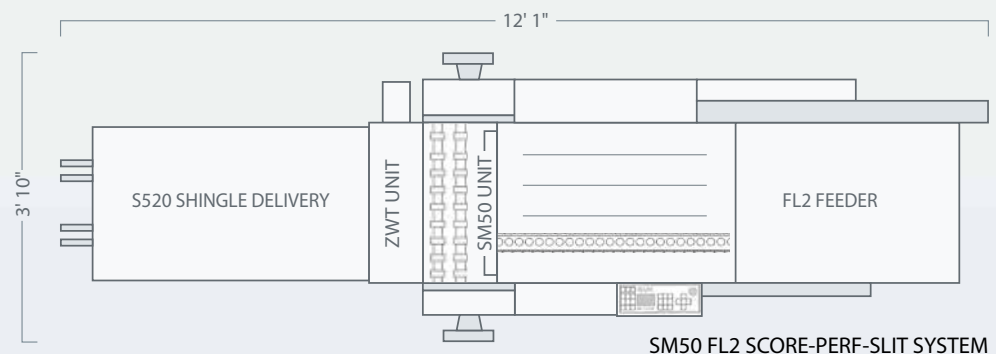
FLOOR PLANS



SM70 FL3 SCORE-PERF-SLIT SYSTEM



SM54 FL3 SCORE-PERF-SLIT SYSTEM



SM50 FL2 SCORE-PERF-SLIT SYSTEM

*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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