

## Combination Automatic Folding Machines

**K 54/...-FL3-54**  
**K 74/...-FL3-74**



The new generation which is available in more than 16 variations – perfect in technics and performance:

For sheet formats 54 x 80 cm and 74 x 104 cm

Easy to operate – by means of automatic adjustment – with flat pile-, round pile- or pallet feeder (only with K 74).

# GUK

## HOCHLEISTUNGS- FALZAUTOMATEN



- New L4-control system with big touch-screen display on the feeder
- External operating panels with display on the outfeed and delivery
- Conversion drive on all stations
- Central speed regulation on all stations
- Digital automatic sheet distance regulation
- Option:
- Automatic adjustment of folding pockets with 99 program-memory locations
- Automatic set-up
- Automatic passage control
- Monitoring of folding lengths on each folding mechanism

- Integrated batch counter with gross- and net counting, counter of parties, performances and order counting with registration of the remaining running time
- Electronically controlled folding knives.

### New flat pile feeders FL3-54 and FL3-74

- Suspension of separating head which is slightly displaceable to the rear of the machine
- Pile stops which are centrally adjustable from the outside by means of handwheel and digital display
- New separating head for maximum cycle performance

- Cycle performance depending on the format – up to 50,000 / hour
- Extended alignment table 1450 mm long
- Coated suction roller – also suitable for smooth papers
- Alignment table and cover bars made of V2A – therefore no statics and no wear and tear
- Suction roller and separating head are controlled by 2 solenoid valves
- Fast switching device for both solenoid valves
- Stacking automatics
- Feeder is accessible from 3 sides
- Also available with independent motor drive, mobile and with independent electrics





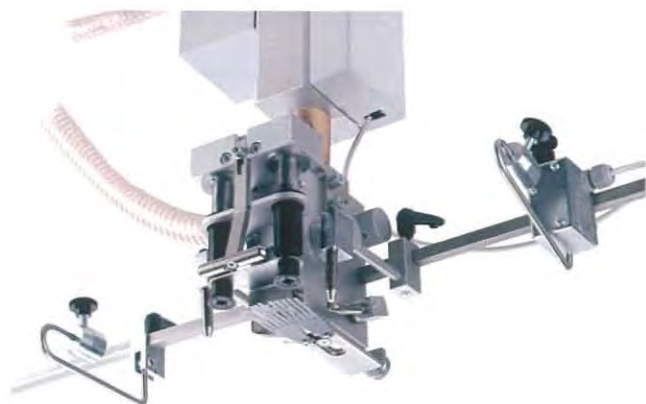
# Combination automatic folding machines

## K 54/...-FL3-54

## K 74/...-FL3-74

### Electronically controlled height adjustment of the separating head

This ensures exact sheet separation even with non-uniformly located surface of the pile. High sheet performance by pneumatically controlled separating sucker. Controlled by 2 solenoid valves which ensure exact sheet separation even with smooth papers. Separating head can be moved backwards – this makes the adjustment easier.



### Sensitive adjustment of folding pockets with indicator clock

Direct reading on all pockets, even with machines provided with sound reduction hoods. Wear-resistant pocket-intakes and deflectors.

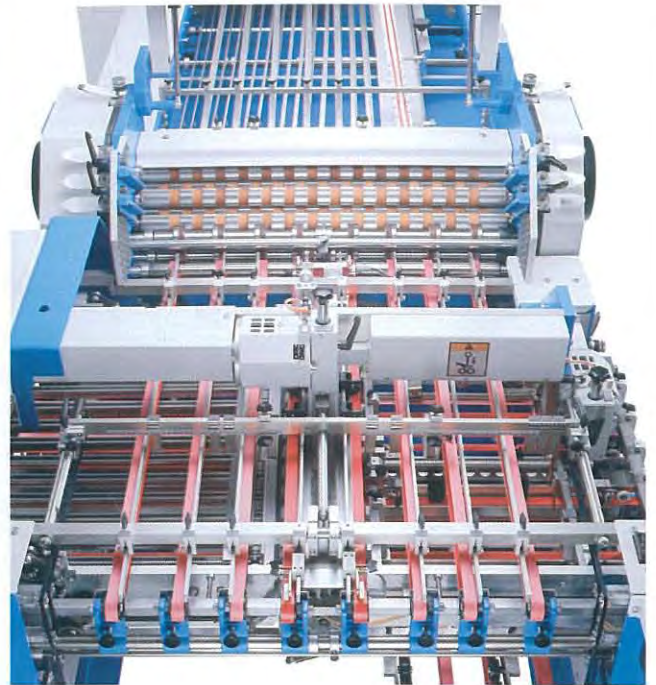






### Roller adjusting automatics

Easiest adjustment by means of paper strips. Additional precisely micro adjustment with adjustable scale.



### Folding mechanisms in proven technics

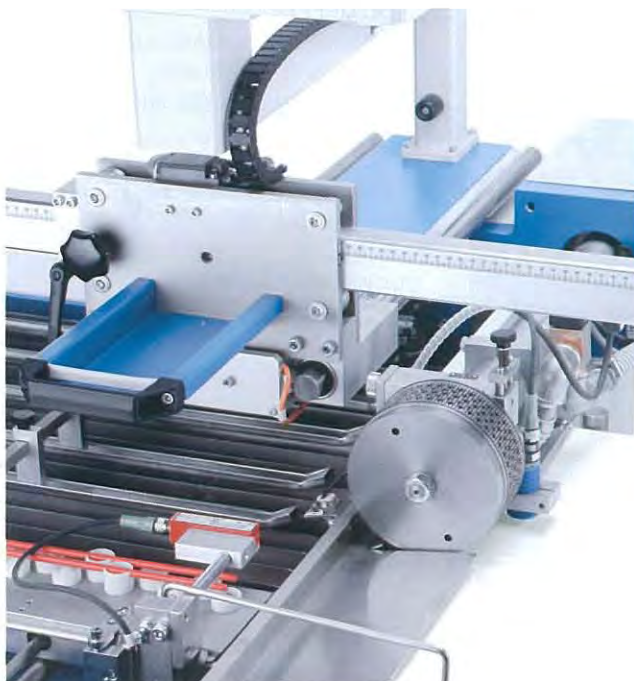
Absolute axial stable folding rollers by means of additional axial bearings. Exchangeable plastic rings with offset steel fields with self-cleaning effect guarantee optimal sheet guiding even in continuous operation. Plug-in knife shafts and belt rollers also in the cross fold reduce the setup time to a minimum.

### Touch-free pile tracer

enables an exact control of the stacking height without impairing the passing sheet. Stack lift with self-locking gearmotor which is electronically controlled – enables smallest motions.

### Mobile chute delivery

With controllable drive by converter with automatic speed regulation. External operating panel with display for all important functions of the feeder control.







**Electronically controllable central drive  
by frequency converter**

All important drives are located at the outside and are therefore easily accessible and easy to service.



**User-friendly and rapidly convertible**

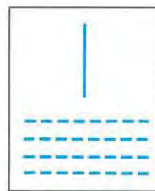
- by automatic monitoring of the folding lengths
- by automatic passage control with jam monitoring
- and by automatic sucker cycles adjustment

If a jam occurs, the machine is stopped immediately by a fast stop, before it is blocked for further sheets. Adjustment of the dip-in-depth and slope of the folding knives without tools by adjusting elements. Continuous cross fold stops with sensitive adjustment. Belt changes are possible in less than 5 minutes, as no parts have to be dismantled.

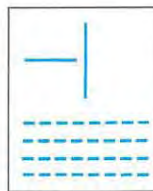


# K 54/...-FL3-54 K 74/...-FL3-74 available in 16 different models

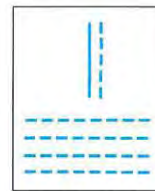
either with 4, 6 or 8 pockets,  
flat pile feeder, pallet feeder (only  
with K 74) or round pile feeder.



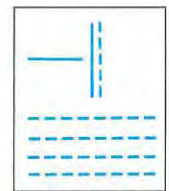
K 54/4 K  
K 74/4 K



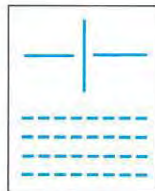
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K 74/4 KL



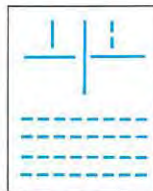
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K 74/4 KT



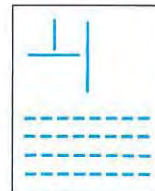
K 54/4 KTL  
K 74/4 KTL



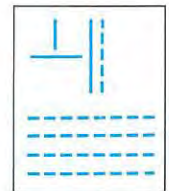
K 54/4 KZ  
K 74/4 KZ



K 54/4 KZR-L  
K 74/4 KZR-L



K 54/4 KLL  
K 74/4 KLL



K 54/4 KTL  
K 74/4 KTL

## Technical data

Max. format:

Min. format with FL3-54/-74:

Min. format with R6:

special execution:

Min. format with R6 and FL3-54/-74:

Min. format with R6 and FL3-54/-74:

Smallest fold

normal design:

Smallest fold

special design:

Speed:

Max. output:

Power requirements:

Space requirements with

feeder FL3-54/-74:

Net weight:

## K 54

Round pile feeder 54 x 144 cm

Flat pile feeder 54 x 80 cm

15 x 19 cm parallel fold

16 x 16 cm parallel fold

12 x 16 without double sheet detector

21 x 30 cm triple fold

29 x 42 cm quadruple fold

45 mm

24 mm

30 – 180 m/min.

infinitely variable

50 000 sheets/hour

with parallel fold

22 000 folds/hour

with cross fold

22 000 folds/hour

with triple fold

Machine with delivery 2 kW

Pump for feeder 2 kW

2,60 x 4,60 m

Machine 868 kg

Feeder 427 kg

Delivery 37 kg

## K 74

Round pile feeder 74 x 144 cm

Flat pile feeder 74 x 104 cm

15 x 19 cm parallel fold

16 x 21 cm parallel fold

21 x 30 cm triple fold

29 x 42 cm quadruple fold

45 mm

24 mm

30 – 180 m/min.

infinitely variable

50 000 sheets/hour

with parallel fold

22 000 folds/hour

with cross fold

22 000 folds/hour

with triple fold

Machine with delivery 2 kW

Pump for feeder 3 kW

2,80 x 4,80 m

Machine 1013 kg

Feeder 480 kg

Delivery 41 kg

## Our range:

Folding machines for the pharmaceutical and cosmetics industry.

Folding machines working from the pile and from the roll with passage widths of 21 – 30 – 35 – 36 – 43 – 45 – 50 – 54 and 74 cm available in more than 80 different models. We are also manufacturers of special machines in accordance with your requirements.

Please get into touch with us – we can solve your folding problem!

## Accessories

- Additional knife folding mechanism (quadruple folding unit)
- Knife folding mechanism for parallel folds
- Glueing device with hot or cold glue
- Impulse perforation or impulse cutting device
- Offshore knife shaft
- Gate folding pocket with fast switching device
- Strip cutting device
- Edge cutting device
- Crimping device
- Sheet pressing unit
- Vertical stacking unit
- Package delivery
- Bundling device
- Flat pile delivery

**GUK**  
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FALZAUTOMATEN

**GUK-Falzmaschinen**

Griesser & Kunzmann GmbH & Co. KG

D-78669 Wellendingen · Bahnhofstraße

Telefon (0 74 26) 703-1 · Telefax (0 74 26) 703-337

info@GUK-Falzmaschinen.de · www.GUK-Falzmaschinen.de