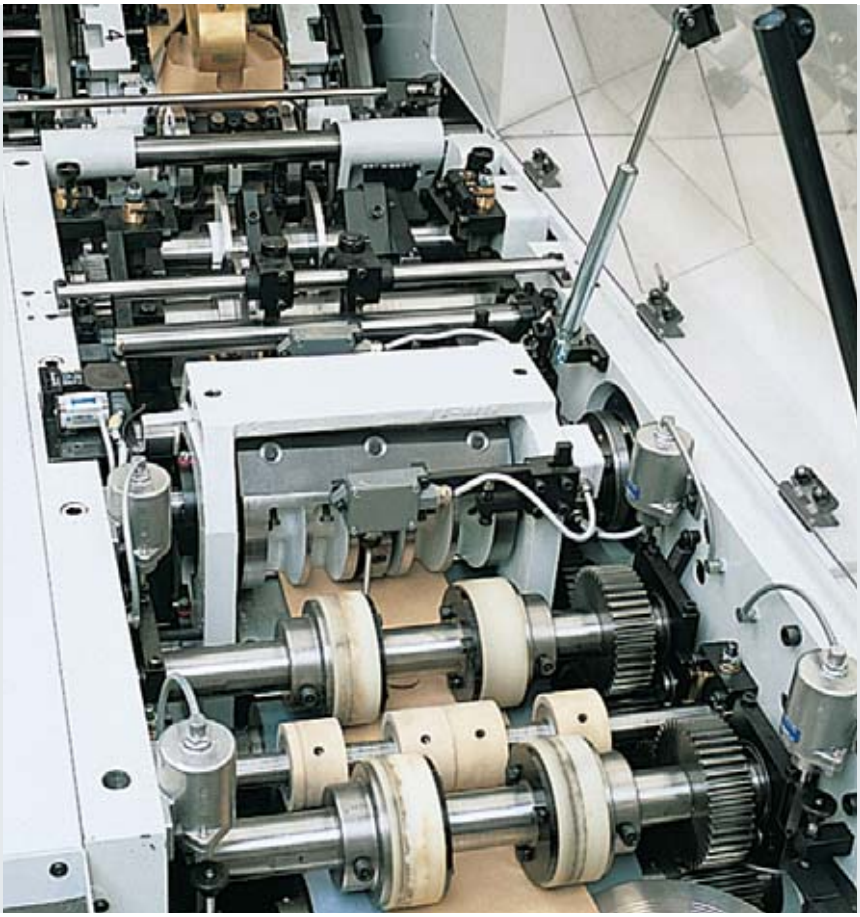
KOCHSIEK & NLI



Bag Making Machines

COMBI BB

Made with the Highest Degree of Specialized Experience

NEWLONG INDUSTRIAL GROUP

Decide for the
"Plus" of Experience

Few sectors in the packaging industry require such a high degree of specialized experience as that of the development and production of bag making machines.

The intensive know-how acquired on block bottom bag making machines throughout the years by FISCHER & KRECKE's good name all over the world will now be continued in a close joint cooperation by KOCHSIEK & NLI under the new brand name "KONLI".

The presence in the market covers simple machines for consumer bags, equipment for the manufacture of carrier bags and vacuum cleaner bag making machines, as well as machines for the production of special bags for use in the high quality packaging field.

The leading market position of innovative machines of KOCHSIEK & NLI is the result of high performance combined with excellent construction, ease of operation and the well-known reliability and long service life of the machines.

Additionally, innovations like the development of vacuum cleaner bag making machines were an important issue for this success. The option to completely equip our bag making machines with servo drives further exemplifies our innovative concepts.


Brekkies
EXTRA
3 kg
whiskas
Rigips
Fugen
Spachtel
Rigicell
Raiffeisen
Fital
Nager-Menue
Canaillou
demeter
Speise-
Weizenkleie
Midro
Tee
Friskies
AU BOEUF
Perfekt
KROKANTJES
VISMIX
WEIZENAUSZUGMEHL TYPE 405
Aurora
ASCOT
ENGLISH BLEND
- BLACK TEA -
Pan
Brace
SAN
CARLO
FOR
YOU
Krusten-
brot
BISCOTTES
AEG
swirl
Staubsaugerbeutel
Typ M 47
Miele
PHILIPS

Convenient, Effortless Operation

with Changeover Times Reduced to a Minimum over the Full Range of Available Sizes

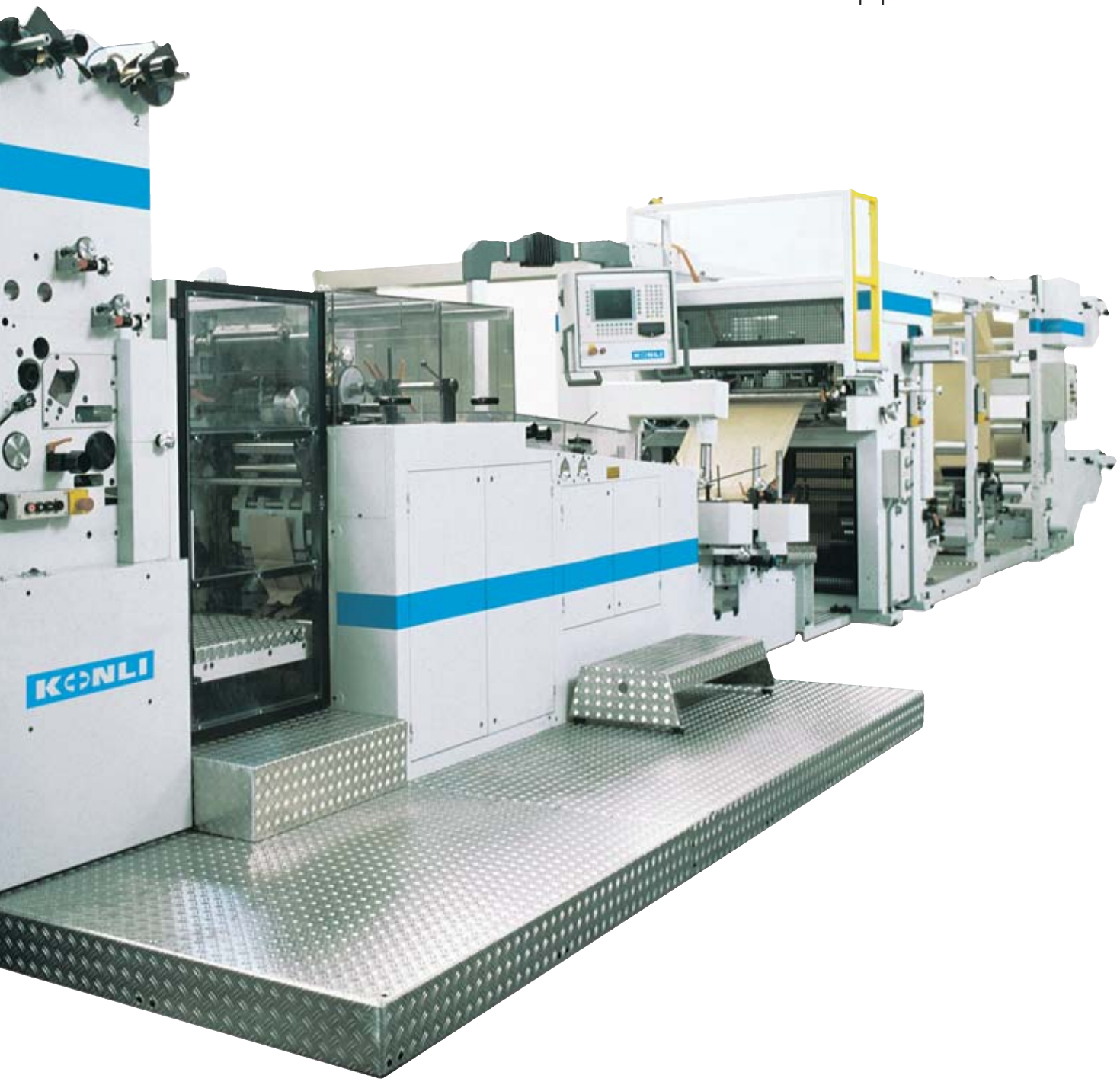
The entire bag machine series by KOCHSIEK & NLI incorporates innovative new design features for the efficient production of block bottom bags already in standard versions.

Especially the optional servo technology allows for even more rapid changeovers with an operator convenience previously unheard of:

- It enables storage of all basic machine settings.
- All stored data can be recalled and the machine automatically sets the entire adjustments.
- The set-up times of the machine can be reduced by more than 50 %.
- The total waste during set-up will be reduced by 50 to 60 %.
- The machine productivity as well as the operation safety will be increased.
- The smoothness of machine operation reduces wear and results in an extention of the service intervals required.

The five models of the COMBI BB series of bag machines meet the highest demands of productive operation using the latest developments in technology.

The COMBI BB machines in custom-taylored version are capable of handling all common materials from pergamine, to common cellulose papers up to ordinary wrapping paper, waterresistant paper and oriented PP.



All the Features
You Require

Even in their standard versions, with little servo assistance, the five machine types of the COMBI BB range meet the highest demands with respect to economical and technical capabilities.

With completely servo equipped machines the adjustments are made electronically, from the central operator panel. All inputs are made menue guided. The servo technology offers a smooth operation even during periods of extended runs at top speed. The unwind stands support two reels of up to 130 cm (approx. 51 inches) in diameter.

The unwind in conjunction with the sensitive pneumatic dancer rollers maintains precise web tension insuring optimum production conditions. Side seam glueing is accomplished with accurately positioned glue application nozzles. Bag bottoms are firmly glued via a paste or fluid adhesive.

The bottom opening station on the main drum is equipped with specially designed capabilities to form exact bottoms.

The bottom closing station is conveniently designed for quick and easy set-ups. The tube forming station forms a tube closed upside, featuring side or center seams.

The station therefore provides convenient set-up and monitoring throughout the job run, insuring higher production and superior quality.

The centralized lubrication helps to keep maintenance time short and equipment efficiency high. The tube cut-off station features rotating knives, is capable of either straight or serrated cuts and can be retooled.

The drum delivery provides bags positioned vertically on the delivery table, for quick access and easy inspection. The bag counter can be set for any number of bags. Marking is done by bags sticking up.

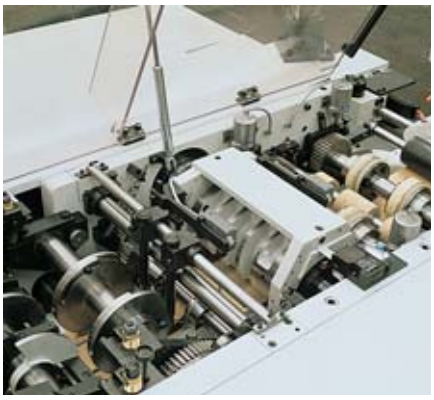
For web tension regulation the unwind is equipped with a sensitive dancer roller system.

The lining device is driven by servo motors (option) and is equipped with a fast lift-off system and idle drive.

Integrated into the infeed station is a servo driven (option) incision device for different cutting tools for special bags such as vacuum cleaner bags.

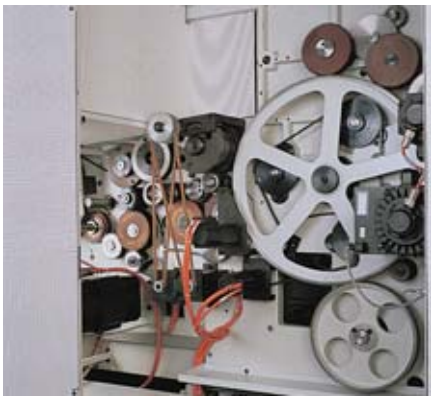
Fine adjustment of the servo driven (option) cutting tools is done manually. The length glueing nozzles are engaged and closed pneumatically.

The gusset depth at the tube forming station is set via servo motors (option). Fine corrections can be made during production, from the central control panel. All data can be stored and recalled.

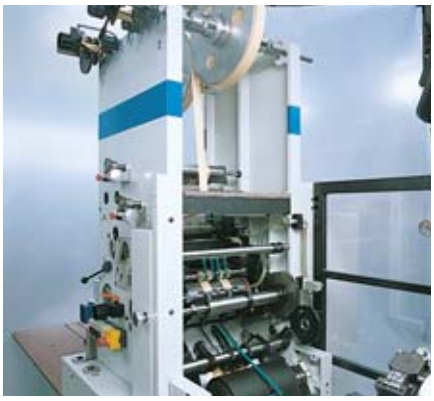


Fine adjustments by servo drives (option) via operator control panel. Adjustment of grippers in bottom opening station centrally or individually. Knife incision at second precreasing station facilitates bottom opening.

Adjustment of first and second gripper of bottom folding drum is made centrally or individually for each side and is possible even while the machine is in operation (option). All bottom stations are adjusted at the same time through a gear segment.



The cut-off station is equipped with a rotating knife, which can be set up with either straight cut or serrated cut.



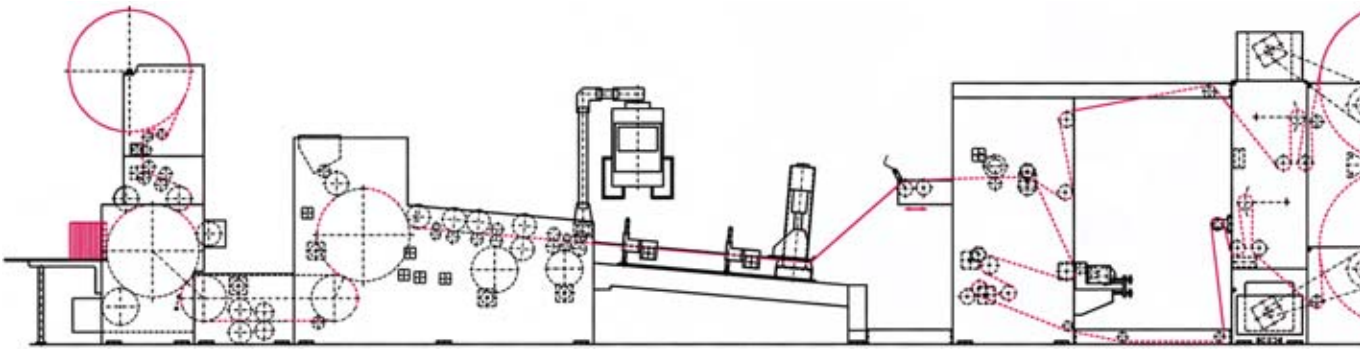
Different bottom cover sheet units feature up to 100 % coverage of paste. The station is optionally available with a flexo printing unit or a register control.

Technical Specifications

Model COMBI	13 BB	23 BB	43 BB	53 BB	63 BB
Bag width [mm]	50 – 120	70 – 230	100 – 280	140 – 320	220 – 450
Tube length [mm]	120 – 350	180 – 490	280 – 580	350 – 700	350 – 700
Bottom width [mm]	25 – 75	40 – 140	50 – 180	60 – 200	100 – 220
max. Reel width [mm]	420	760	920	1070	1370
Output max. [bags/min]	370	300	250	250	220

Paper Handle Unit 43 CT			
Bag width for carrier bags [mm]	190 – 280	190 – 320	220 – 450
Bottom width for carrier bags [mm]	95 – 180	95 – 200	100 – 220
Tube length incl. handle height [mm]	580	700	700
Distance of handles in open web (bag + bottom width) [mm]	280 – 460	280 – 520	280 – 670
Length of handle strip [mm]	380	380	380

As an option the COMBI BB models can be equipped with servo drives all over.



Designs subject to change without notice.
Pictures are all based on full-servo system.

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