
PFANKUCH Collating- and OPP-Film-Wrapping-Line

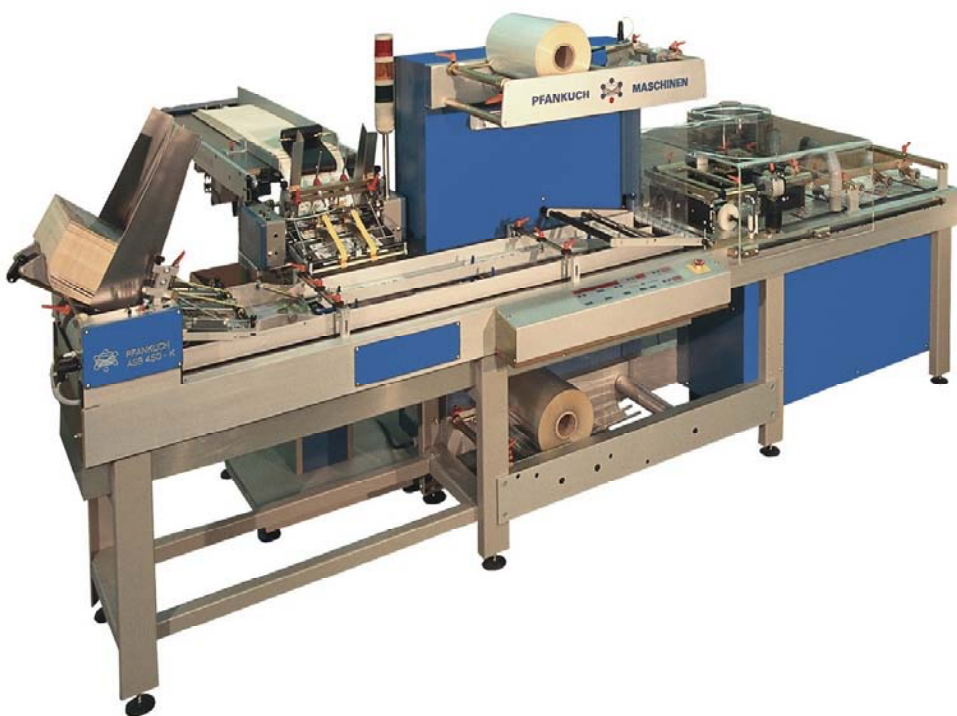
Model ZG/VP-450, ZG/VP-650 and ZG/VP-750

Automatic collating and OPP-film wrapping of flat products

Machine Concept

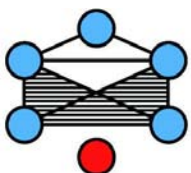
The modular designed and technical well matured machine concept of PFANKUCH collating- and OPP-film wrapping lines is field proven in numerous application areas since many years world wide. Typical product applications are telephone cards, greeting cards, stickers and labels, office supply articles, catalogues, promotion inserts, direct mailings etc. With high flexibility the modular machine design allows integration and later expansion of single machine components according to changing customer requirements and production demands. Multiple track production guarantees highest productivity and output results.

Initially PFANKUCH ASB-feeder systems feed products automatically into a servo motor driven collating chain. Feeder mounting to the collating line is possible inline or rectangular. The available variety of ASB feeder models offer different feeder width dimensions and other auxiliary equipment. Collating and wrapping is possible with product widths min. 50mm up to max. 370mm resp. 560mm or 660mm. Multiple track production means up to 4-tracks. Continuously running pusher fingers hand over products onto a cycled sealer belt for OPP-film wrapping. The unique PFANKUCH upper and lower film feed allows processing of different film qualities and film combinations from 15 μm to 35 μm thickness (e.g. OPP + PPCast, OPPOpaque, PPCast + OPP/Hologram, printed or unprinted). Products are guided between the continuous running upper and lower film feed and subsequently 4-side sealed by rectangular and linear arranged sealer bars. There exist various sealing alternatives for product packaging according to specific customer demands (e.g. heated wire sealing, permanent heated sealer bars, Leporello perforation sealing for chain packaging, 4-side security embossing sealing).



Product film wrapping results in brilliant looking, seamless and tight product packaging without film overlap. By PFANKUCH available special high quality film material is attuned to running our wrapping lines under optimal conditions with highest output results.

The technical concept of PFANKUCH collating- and wrapping lines offers a huge advantage regarding flexibility and adjustability to different product formats. This ensures processing of different products and sizes on the same machine. Expenditures, costs and time for machine conversion for processing different sized products is kept to a minimum.



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Model ZG/VP-450 und ZG/VP-650

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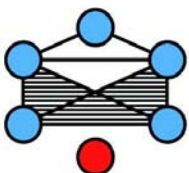
According to specific customer demands, the modular design of PFANKUCH collating and wrapping lines offers various options for integration of machine equipment and components for further product processing after wrapping (e.g. Leporello chain packaging of cards, folding, batch banding, hole punching, thermo transfer printing, bar code scanning, camera inspection etc.). Please ask us about details.

Technical Machine Design

- Modular and compact designed base machine concept, extendable at any time for integration of various available options e.g. feeder head systems, scoring and folding units etc.
- Adjustability to different product sizes and multi track production for collating and sealing unit allows highest flexibility in running different products and output results
- 2-film web system (upper and lower film feed) allows processing of different film materials and qualities (printed or unprinted)
- Optional selectable sealing technique (sealer wire or permanent heated sealer bars)
- Machine control board 16-bit processor with Eprom and E-Prom memory device for saving and call up of all necessary processing data
- Microprocessor controlled servo motor machine drive
- User friendly arranged machine control board with menu based interface and touch panel.
- Multiple options for product packaging solutions e.g. chain packaging, re-closeable packaging, tear strip opening etc.

Advantages at a Glance

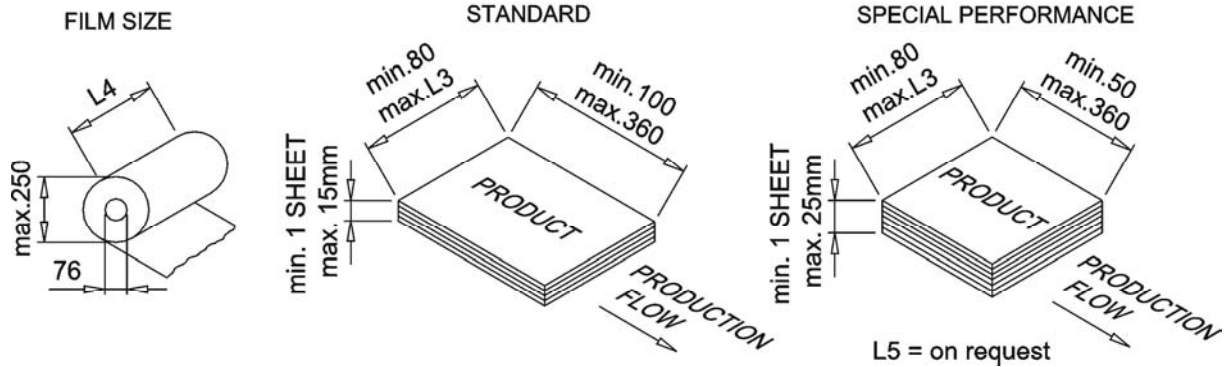
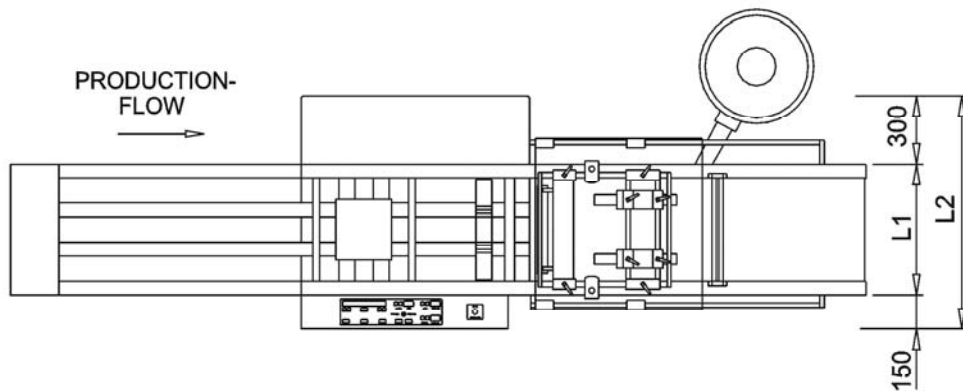
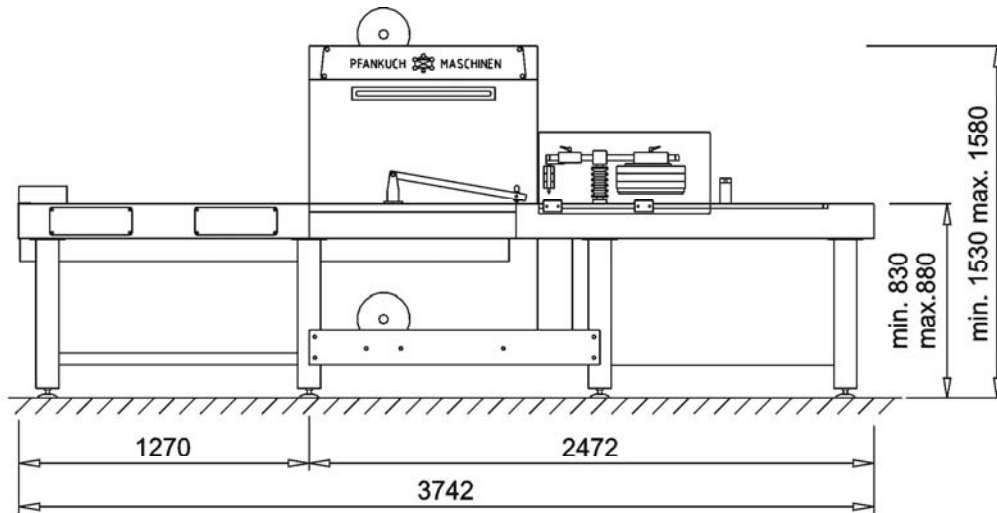
- Modular machine design, extendable for various options at any time
- Highest productivity and efficiency with cycle speeds up to 120 products per minute and track (depending on product specifications)
- Flexibility for machine adjustment to different product sizes
- Brilliant packaging results for optimal product presentation



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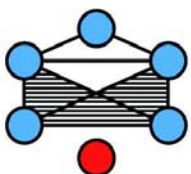
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Technical Data



COLLATING AND WRAPPING LINE Model	L 1 (mm)	L 2 (mm)	L 3 (mm)	L 4 (mm)	Max. Speed (depending on product specs.)	Weight (net Kg)
VP 450	570	1020	360	400	0 – 100 cycles/ min.	790
VP 650	770	1220	560	600		780
VP 750	870	1320	660	700		1160

Standard Voltage : 3~ N/PE, 400 V, 50-60 Hz (conversion to other voltage on request)
 Drive : 3 Servo motors, (VP 750: 5 servo motors)



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