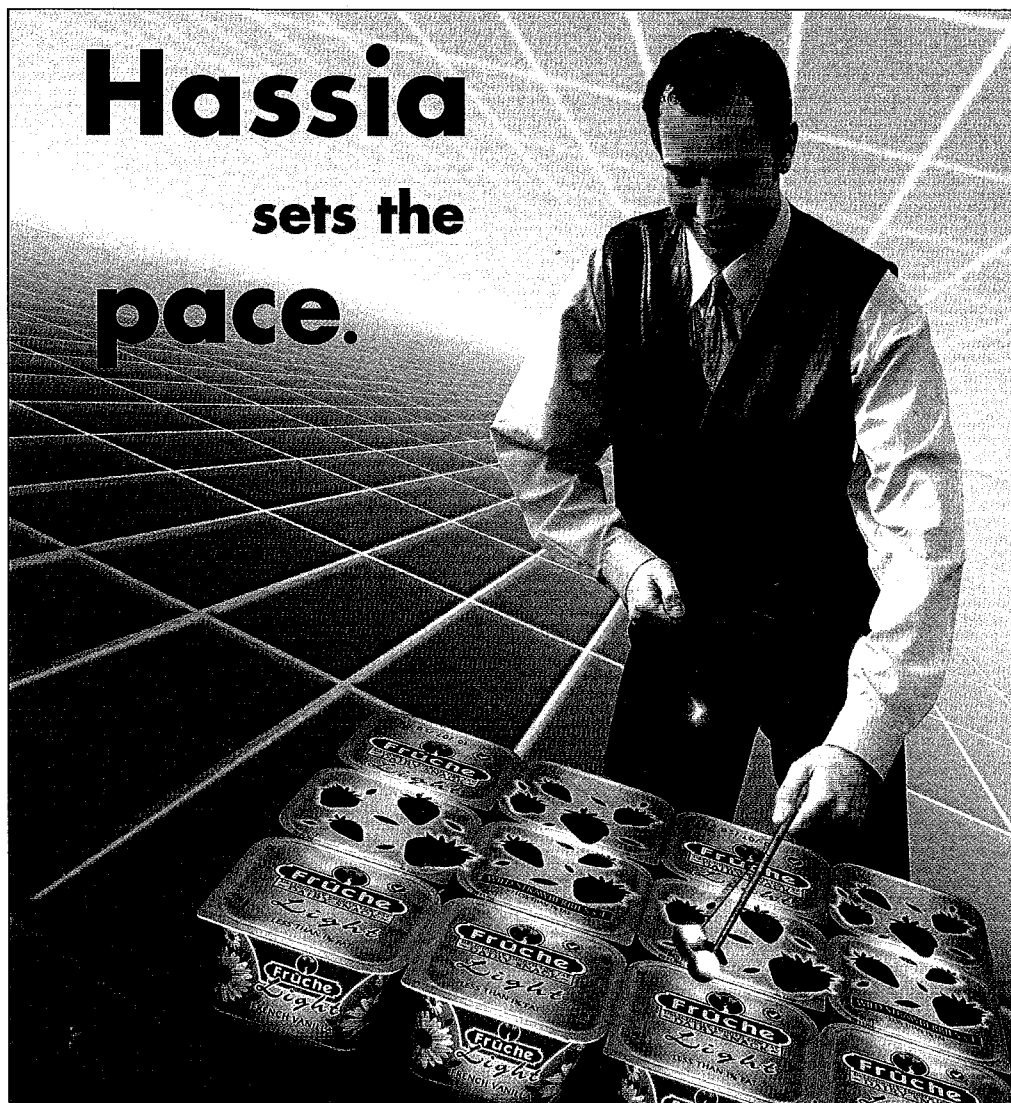




an IWKA company

INNOVATIVE PACKAGING TECHNOLOGIES



Hassia **THM** HIGH-SPEED
Thermoform Fill and Seal Machines
for Dairy and Food



A competence you should make use of.

Flexibility, friendly service and economics: These are the criteria, that play a large role in the decision for the investment in a cup fill and seal machinery. The enormous resources of our experience and the continuously updated know-how enable our engineers and company to meet your project requirements in a customer-oriented way, tailor-made for the relevant product.

Creativity is a priority! This means the development of our machines follow market requirements but is also the perfect combination of economic individual solutions. Through the use of modern technology, experience and commitment, we are in the position to precisely fulfil the conditions of our customers' objectives and needs. Individual considerations and economical solutions are the central focus of our developments which provide us with the continuous evolution of our product line in concert with the industry's needs.



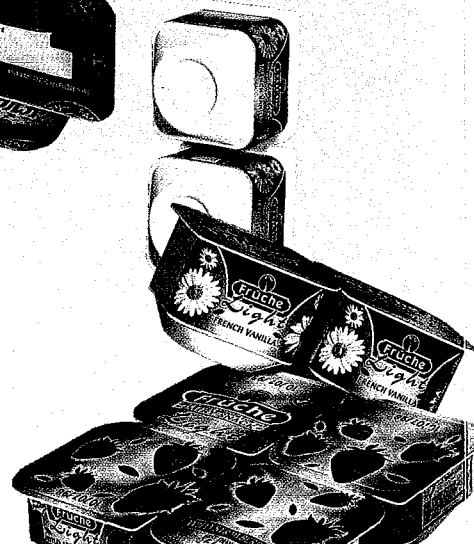
Solutions you can trust in.

Our success and growth in the markets around the globe clearly shows, how the technology of Hassia machinery leads the competition. Hassia started with great founders almost 50 years ago, and has continued to grow becoming a multi-national supplier with a reliable system: progressive packaging technology.



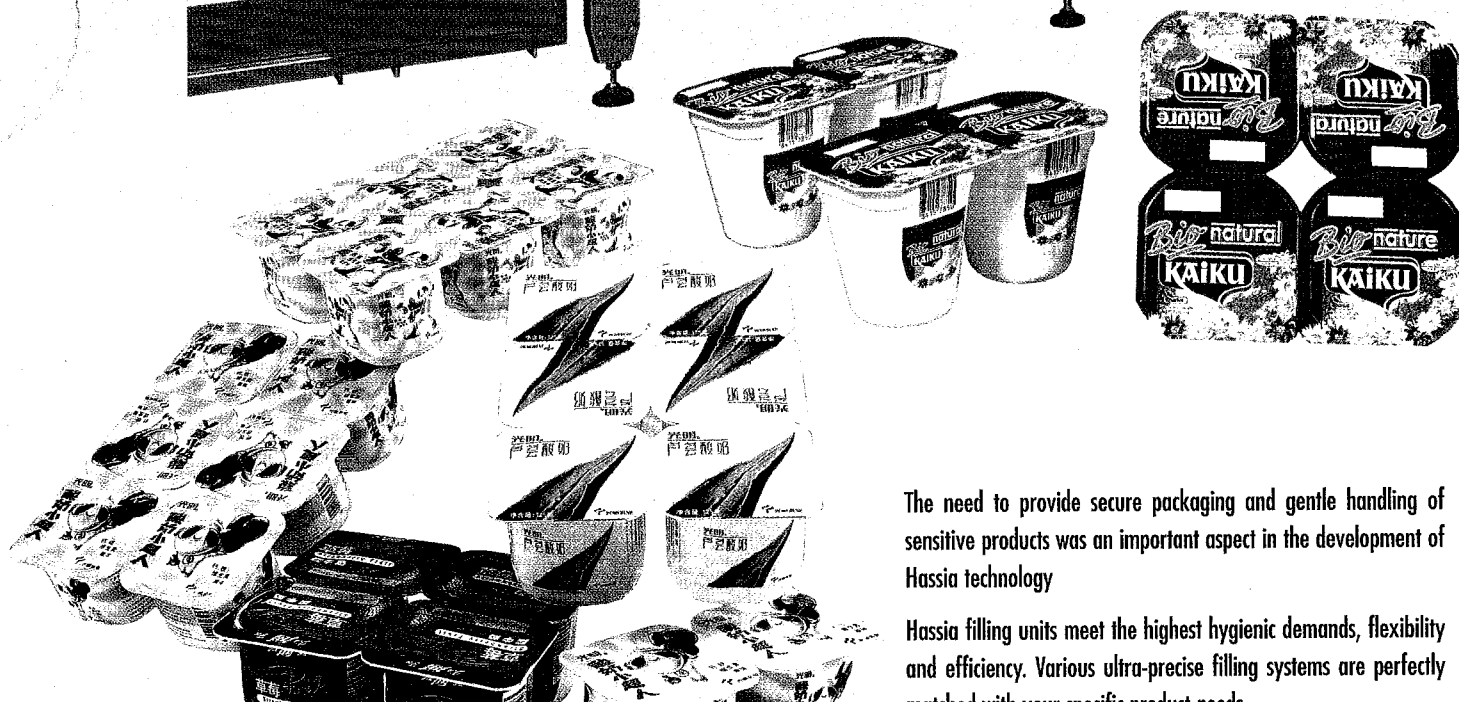
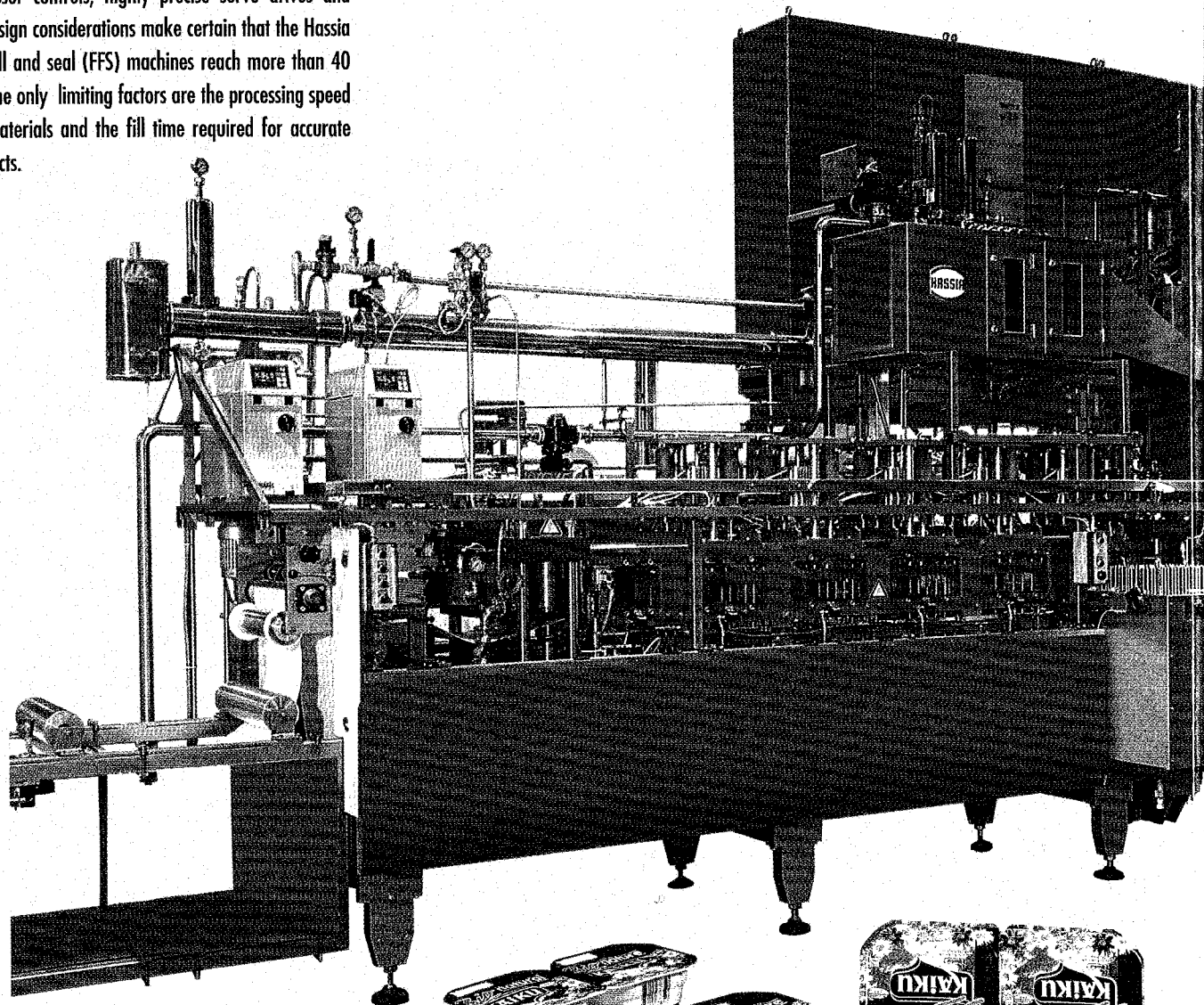
Sophisticated forming, filling and punching technology enhanced by labelling systems are the basis for variations of cups that are attractive and appealing to your customers, while providing you with the benefits of efficient operation and low cost packages.

The use of recyclable packaging material, practical dual cavity cups and decoration systems for one or two sides or wrap-around label-



Hassia sets the pace. You choose the rhythm.

Modern microprocessor controls, highly precise servo drives and additional special design considerations make certain that the Hassia HIGH-SPEED form fill and seal (FFS) machines reach more than 40 cycles per minute. The only limiting factors are the processing speed of the packaging materials and the fill time required for accurate filling of your products.



The need to provide secure packaging and gentle handling of sensitive products was an important aspect in the development of Hassia technology

Hassia filling units meet the highest hygienic demands, flexibility and efficiency. Various ultra-precise filling systems are perfectly matched with your specific product needs

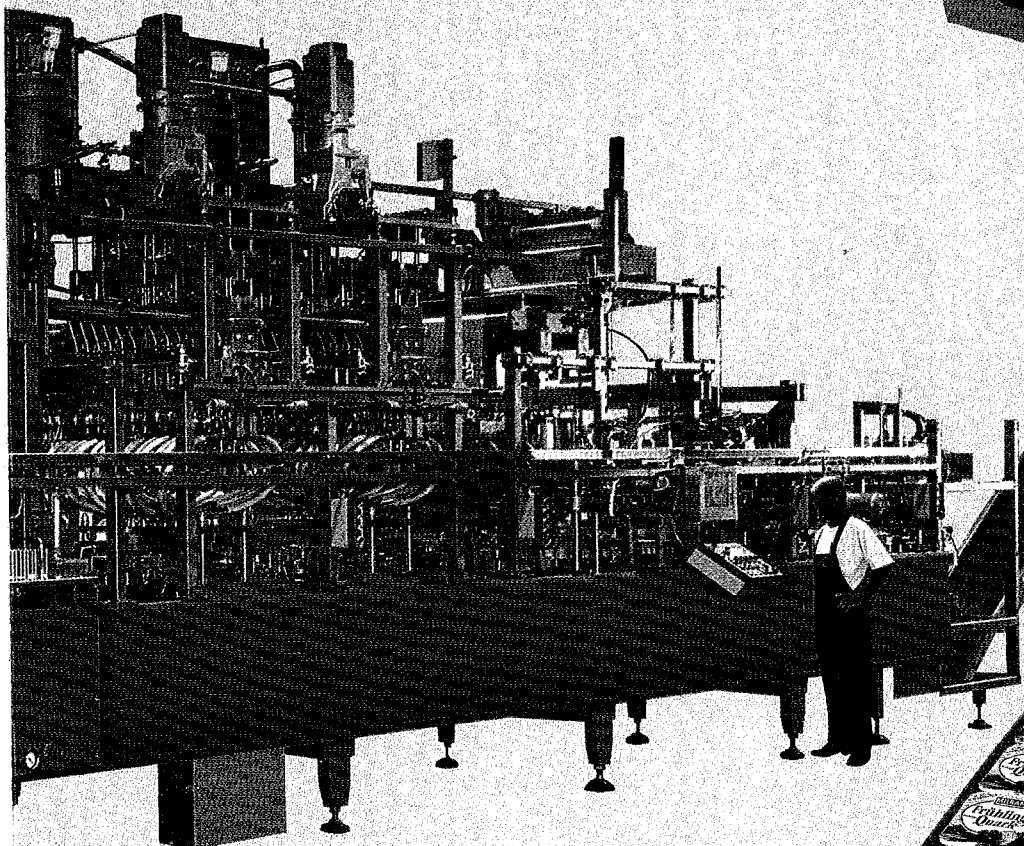
Hassia THM

Efficient. Highly Competitive. Flexible



In addition to the primary packaging machinery, Hassia offers complete systems. Among them integrated case-packaging, crate inserting, cartoning and palletizing machines.

The THM machine series is designed for the accurate transfer and insertion of cups into trays, display boxes and shipping cases as well as into transport containers.



Advantages for your progress.



We offer the possibility to fill multiple products and/or layers within a single cup. You may also fill dual cavity cups with more than two components.

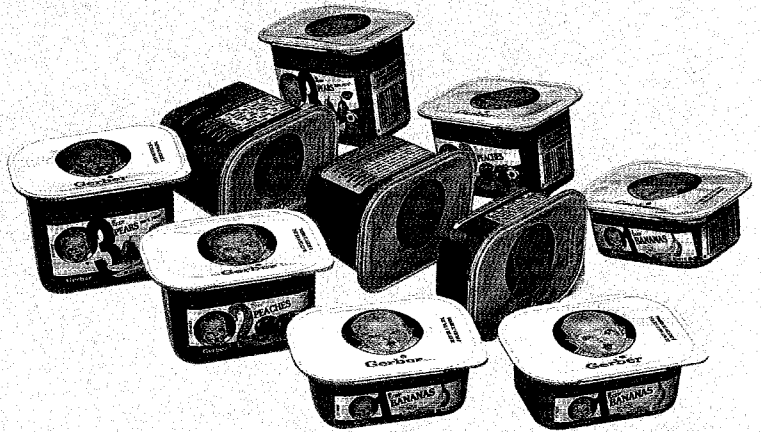
This can be accomplished by the installation of several feeding systems and filling units. The liquid fillers can naturally be cleaned (CIP) and then sterilized (SIP)



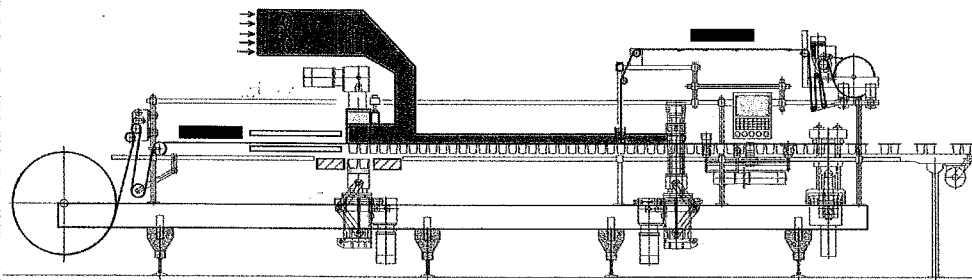
Facts that speak for themselves.

Securing the quality of highly sensitive products, expanded distribution, extended shelf-life or even shelf-stable packaging requires a specific handling of the products and materials.

For each requirement Hassia offers tailor-made technical solutions including aseptic packaging by sterilizing the packaging material with steam, completely free of any chemicals.



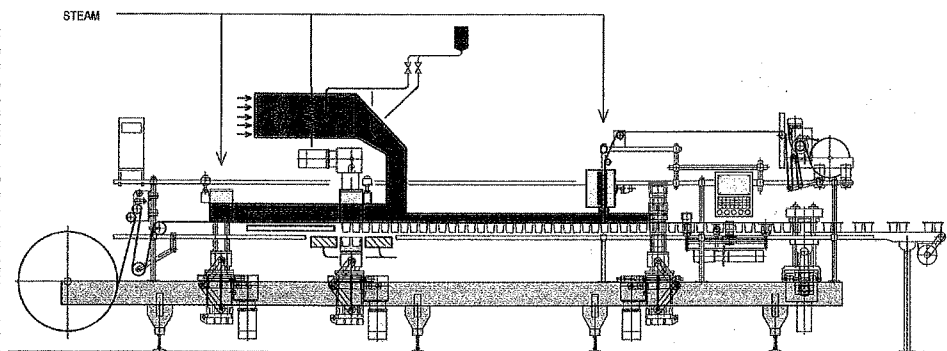
Different types of systems: It's your choice:



HYGIENIC

= Tunnel with sterile air overpressure

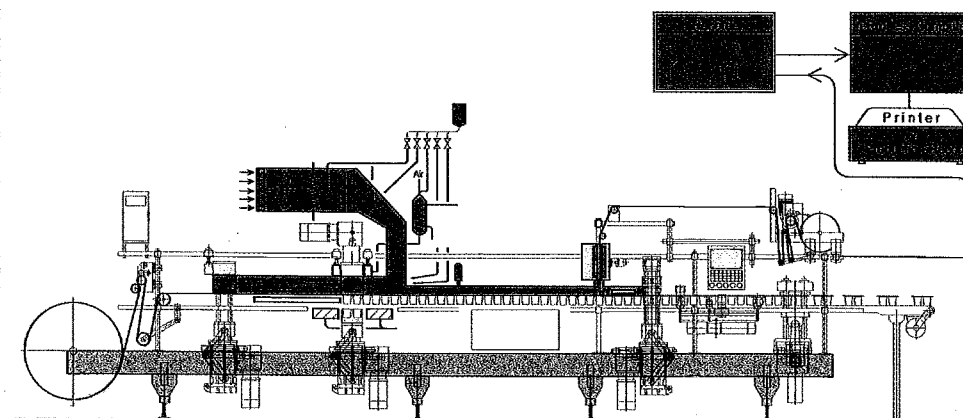
Suitable for packaging of fresh products which are continuously refrigerated, as e.g. yogurt (ph<4,5).



HYGIENIC ACTIVE

= Add steam sterilization of packaging materials

For packaging of products with extended shelf life that are stored under refrigerated conditions.



ASEPTIC

= Add Steam sterilization in the completely closed system

For packaging of sterile products (e.g. pudding) which do not require refrigeration (shelf-stable).

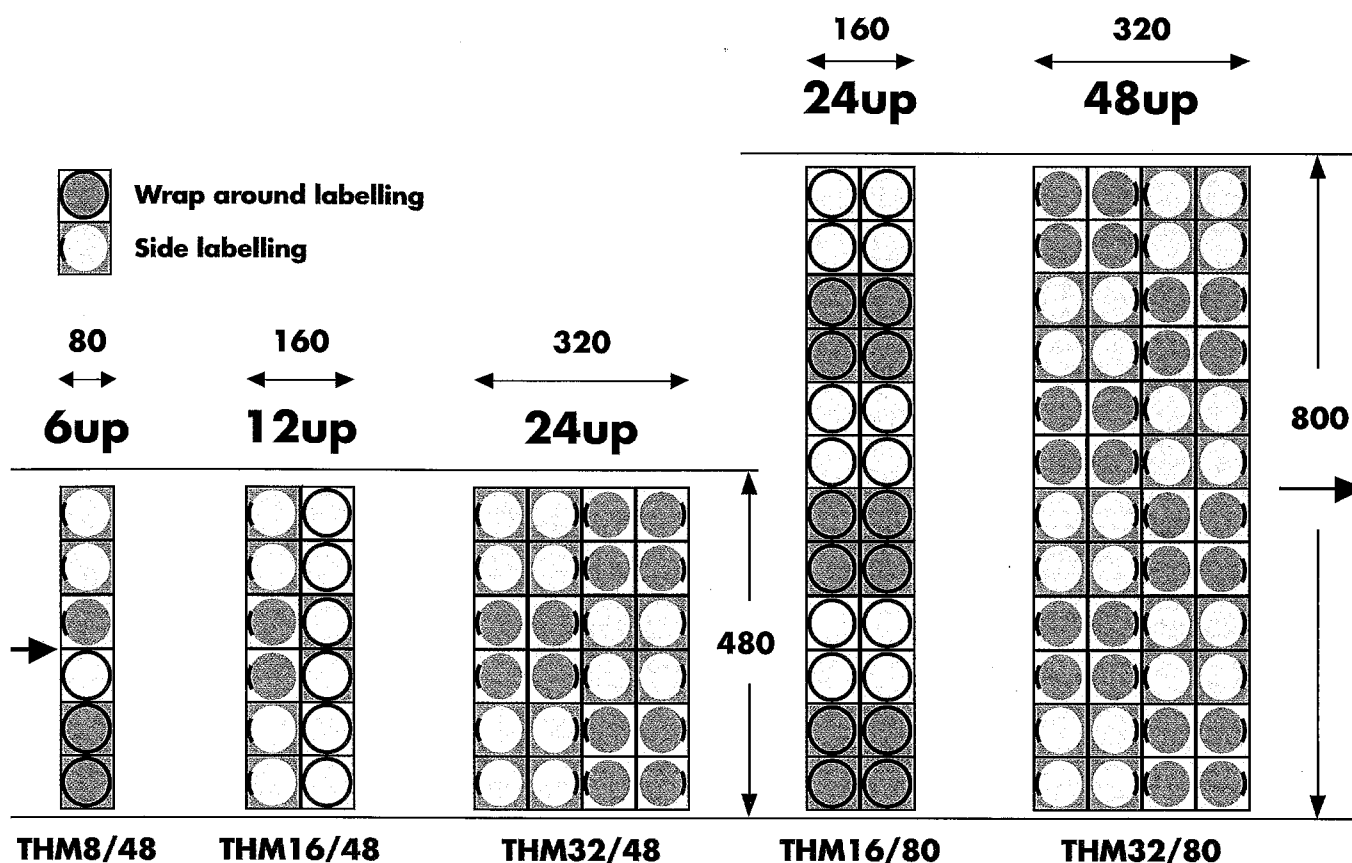
Hassia **THM** HIGH-SPEED FFS machines - Choose the Future.

Hassia **THM** HIGH-SPEED FFS machines feature simple and efficient operation by employing sophisticated technology.

Optimal operation width where determined by production requirements then integrated with short draw off length and high cycle rates are the facts for cost effective and secure production. The compact construction meets the customers'

demands for increased output, while utilizing less floor space. Costs for investment, repairs and spare parts are distinctly reduced. Additionally, the short draw off units (one or two rows) provide for smooth indexing. The smaller forming area is

compensated by speed – more than 40 strokes per minute - so that the efficiency of the "HIGH-SPEED machine" surpasses conventional units.



After development, production and delivery of your tailor-made form fill and seal machines we are far away from considering our responsibilities fulfilled.

Intensive training of your staff and detailed documentation guarantee trouble-free production. In addition, our engineers will be at your service

24 hours a day. You can also make use of the possibilities offered by remote analysis.

Proofed security,

Registrations:

It goes without saying that each machine features the VDE (Association of German Electrical Engineers) security mark and it conforms with the safety regulations of the trade association.



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