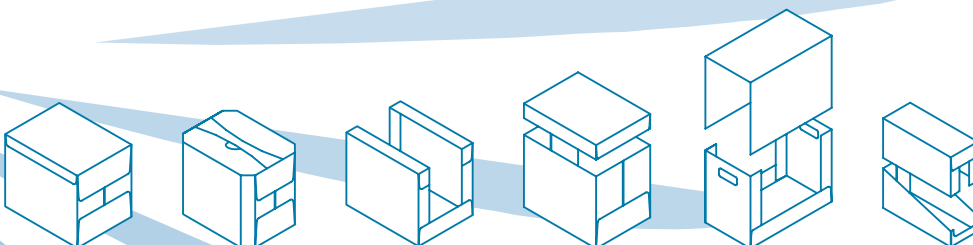




INVOPAC

Intermittent Running Case Packer
Output up to 36 cycles per minute

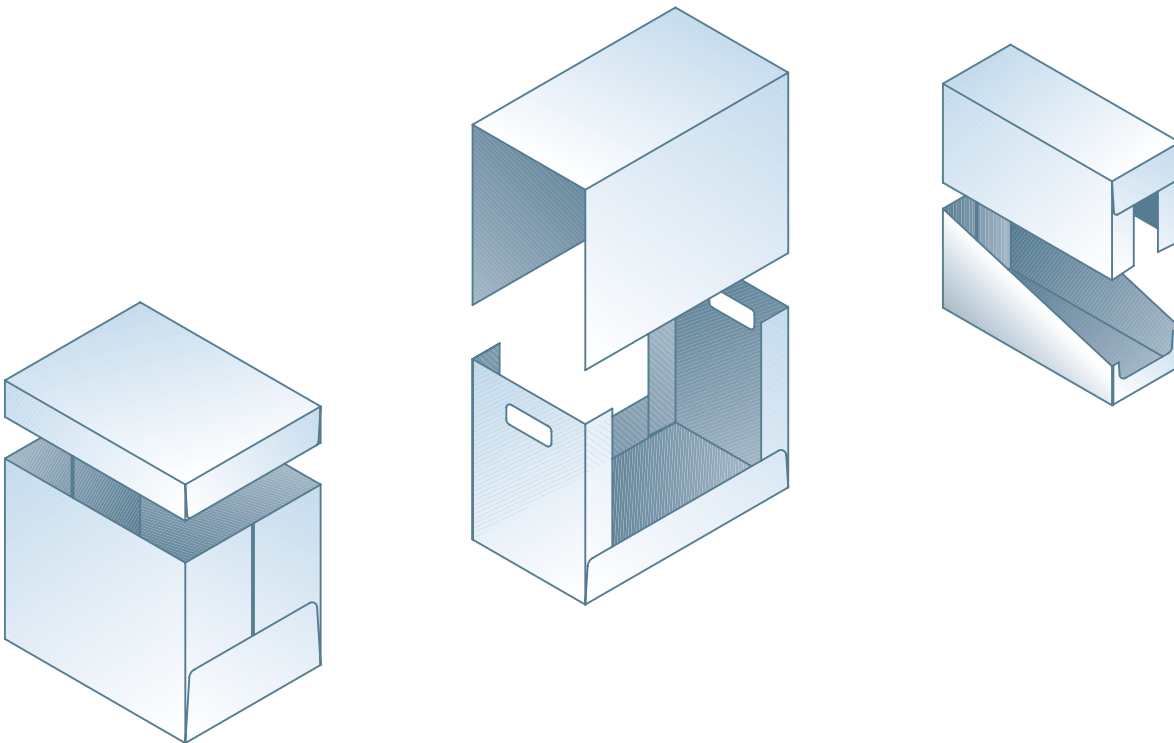


Reliable and Intelligent Machine

INVOPAC is the “all rounder” among the intermittent running case packers having an output of up to 36 cases per minute. It forms all common “end of the line” pack styles and wraps a vast range of products. Product data recording, communication with the line control and traceability of the products throughout our process is guaranteed.

The solid, modular design of this wrap-around and tray packer paired with the servo-drive technology stands for a high degree of efficiency, flexibility and it is user-friendly. The products are packed gently and economically. The machine is fast and reliable, the change over time is short and it has a long service life. The maintenance costs are moderate and the delivery of spare parts or additional change parts are possible even after years of operation.





Variety of Products and Pack Styles

With our broad experience we design unique and very flexible product infeed and pre-grouping modules allowing for the grouping and wrapping of all type of products, sizes and shapes cost effectively and efficiently.

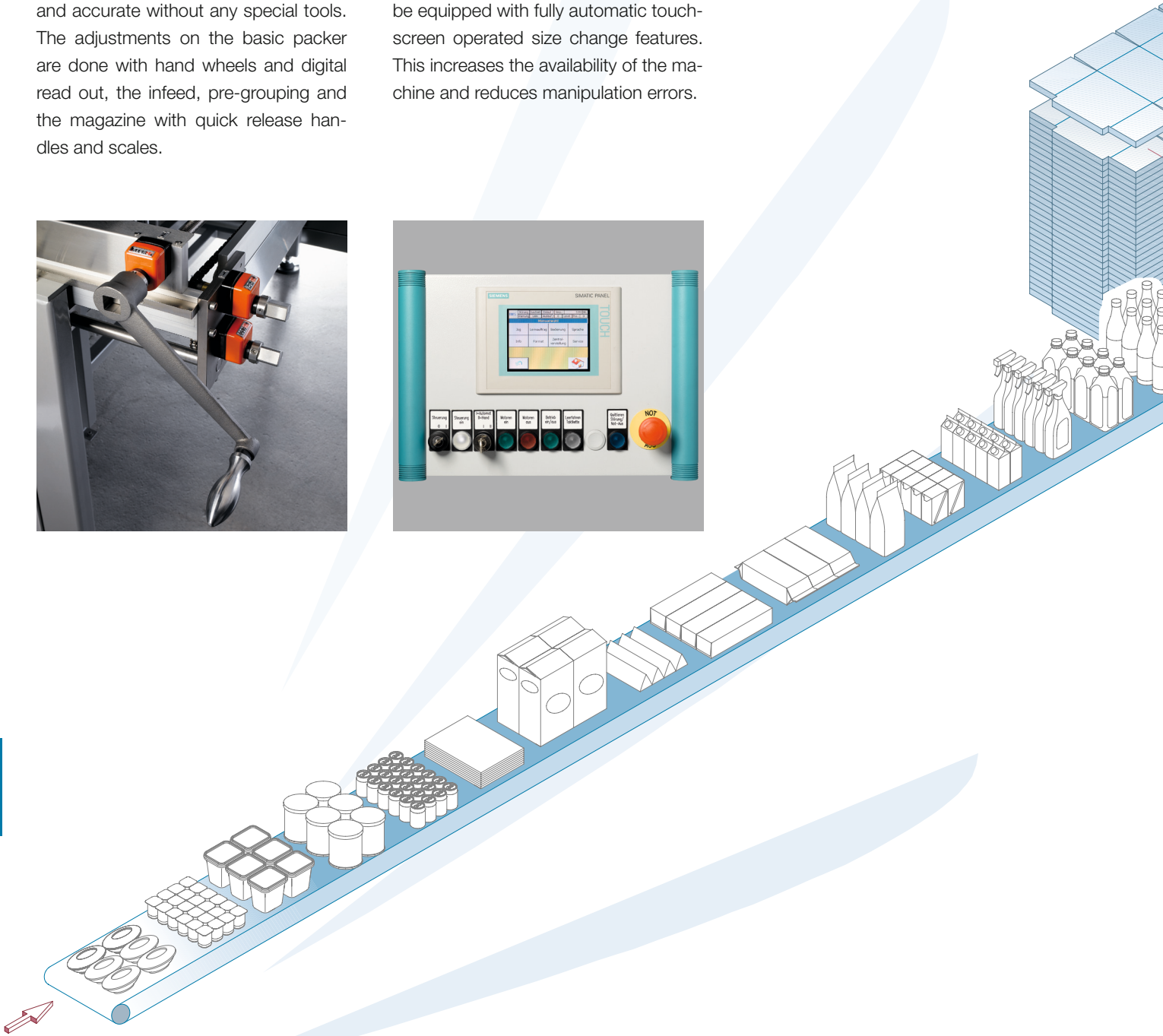
Wrap-around cases with inside or outside flap can be made just as well as trapezoidal shaped packagings, dome or stacking edge boxes or rectangular and octagonal trays.

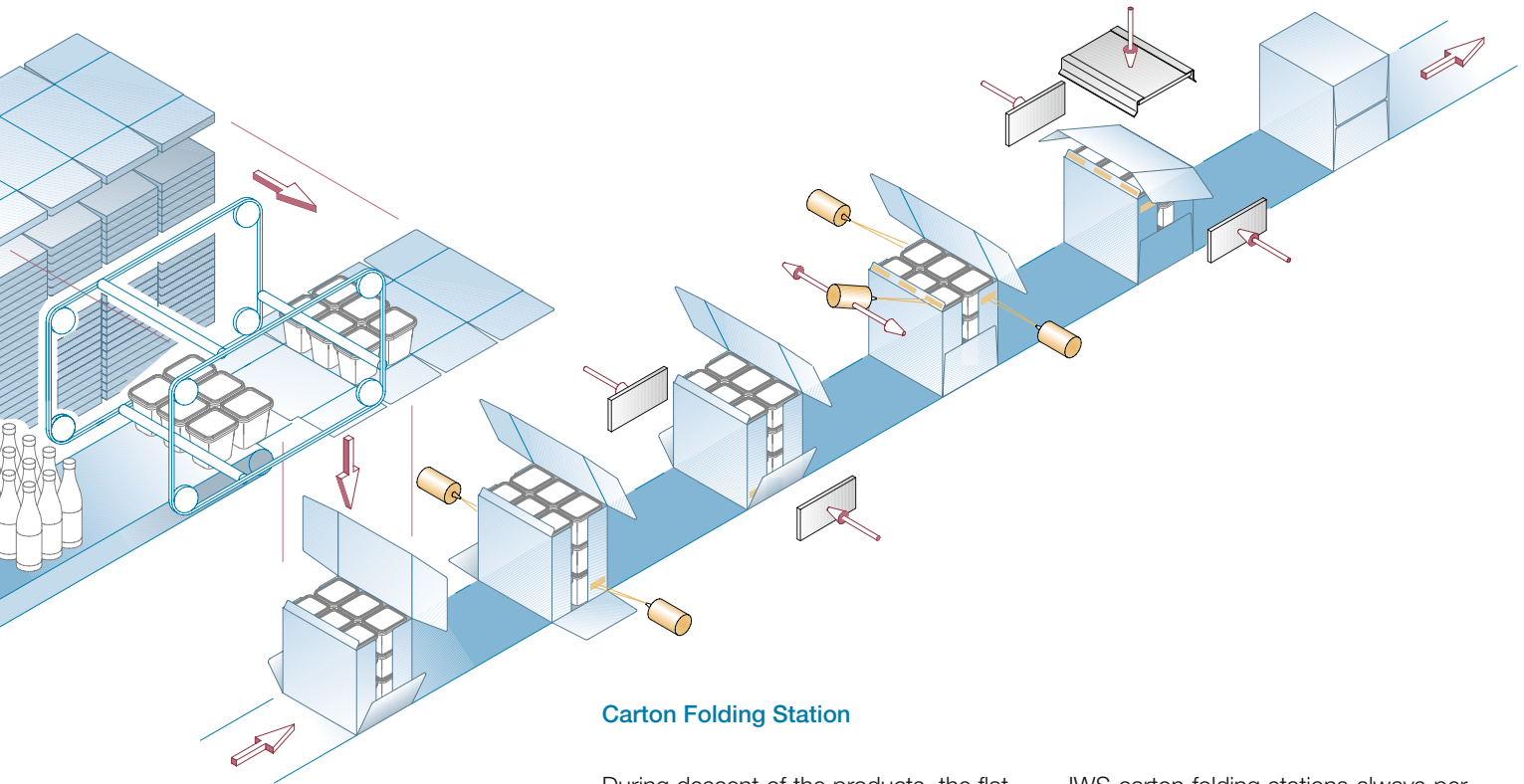


Size Change

The INVOPAC size change is fast, easy and accurate without any special tools. The adjustments on the basic packer are done with hand wheels and digital read out, the infeed, pre-grouping and the magazine with quick release handles and scales.

Optionally the complete machine can be equipped with fully automatic touch-screen operated size change features. This increases the availability of the machine and reduces manipulation errors.





Carton Folding Station

During descent of the products, the flat carton blank is wrapped tightly around the products in just one step. This leads to a rigid and safe transport case. The use of partition boards can be avoided in most applications. The accurately aligned tight cases or trays guarantee optimal stacking when palletized.

IWS carton folding stations always permit multi layer stacking of the products as they are already equipped with servomotors. Therefore multi layer packing patterns can be realized very cost effectively by just programming an additional format. No additional hardware is required. Existing INVOLVO case packers can be refurbished with this feature on request.



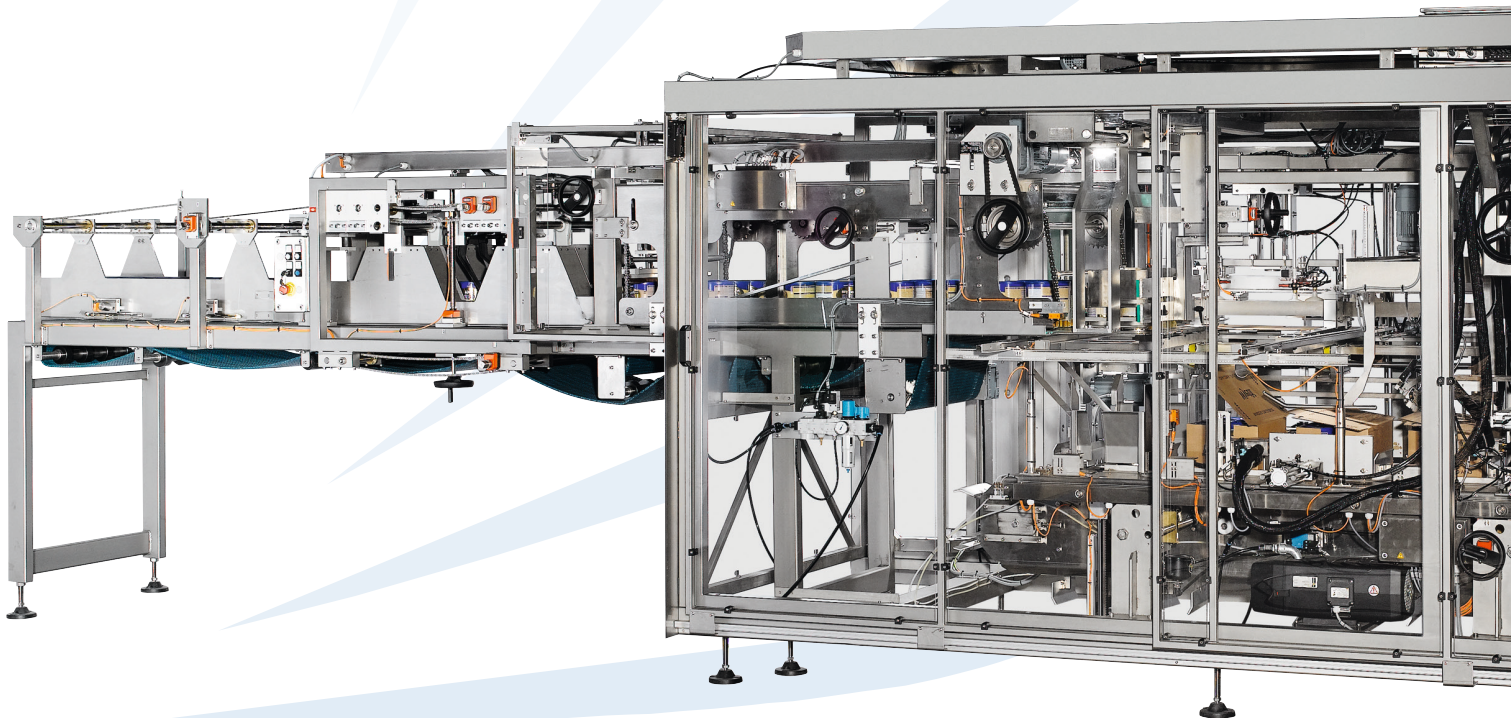
Advantages of the INVOPAC

The huge product variety, a wide format range and the capacity of up to 36 cycles per minute cover all major markets. Due to our short lead time between evaluation and commissioning, the decision for the investment results in an early payback.

Corrugated and solid board blanks are formed to full size Wrap-Around cases, Trays or Shelf Ready Packages "SRP". Flute size and top liner can be chosen for the optimal printing, even for high gloss finish. The free choice of the source of supply enables you to buy natural, environmental friendly and reusable packaging material at competitive prices.

The simple, self explanatory operation is appreciated even by personnel with modest qualifications. Already after short training sessions the machine is mastered and well accepted by the operators.

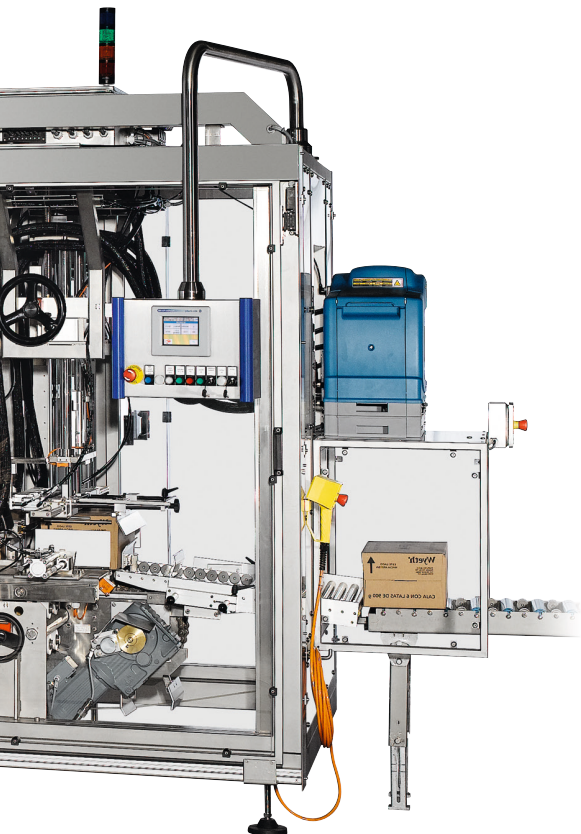
The solid construction, the almost wear free and easily accessible design as well as the worldwide availability of our standard components ensure low maintenance cost.



Modular Design

The INVOPAC has a modular design. More features can be added to satisfy the customer's need.

The control of such add-on modules may be integrated into the case packer's PLC.



Lane Dividers
integrating upstream conveyors and/or buffers

Grouping Station
also with robotics

Product Protection
with partition or layer-boards

INVOPAC

Folding Station
always for multi-layer formats

Automatic Blank Magazine
for filling from pallets

Lid Applicator
also for shelf ready packages

Add-on Modules
for labeller, check weigher, metal detection, reject station

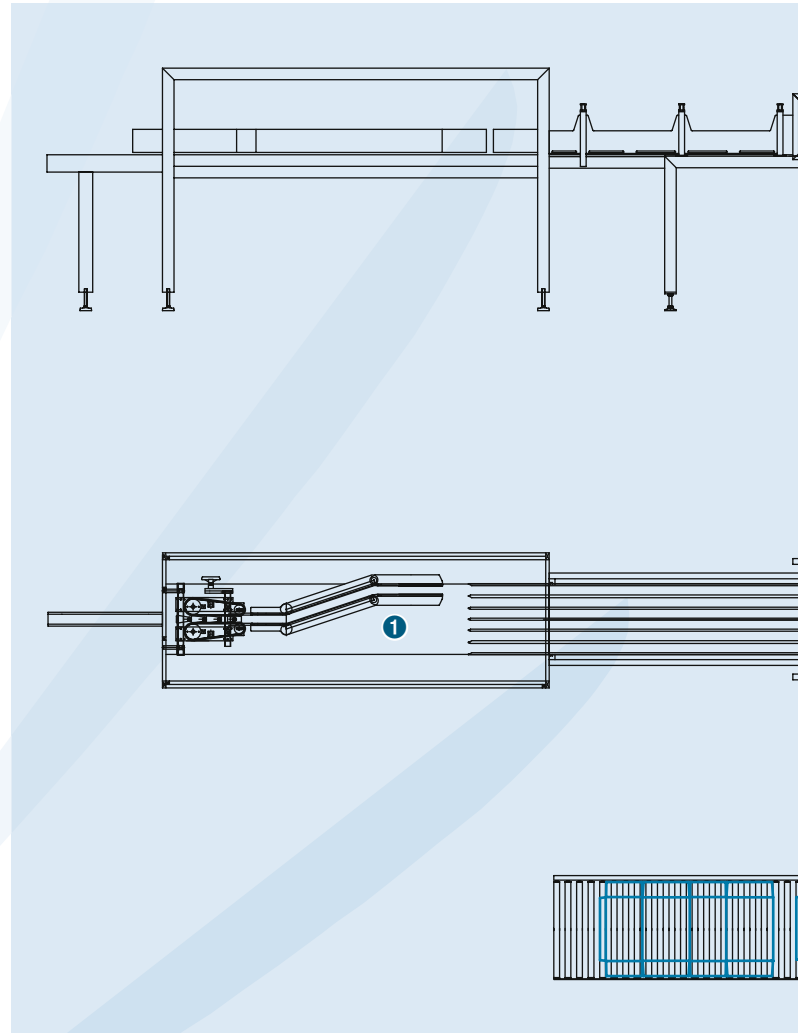
Turn Key
end of the line packaging, case/tray/shrink packer and palletizing

Modul description see following pages.

1 Lane Divider

Whether for containers, soft packs, bottles, cans or loose paper sheets; we can supply the suitable lane divider. We deliver and connect also up-stream conveyors or buffers and integrate their controls into the packer's PLC.

- missing product detection
- detection and rejection of fallen or faulty products
- sorting various products to be packed into the same case



2 Grouping Station

8

Gentle product grouping without accumulation pressure or with robots is state-of-the-art today.

- capacity up to 1'000 products per minute
- without change parts
- automatic size change
- gentle on products
- erecting and/or turning stations
- stacking
- robots

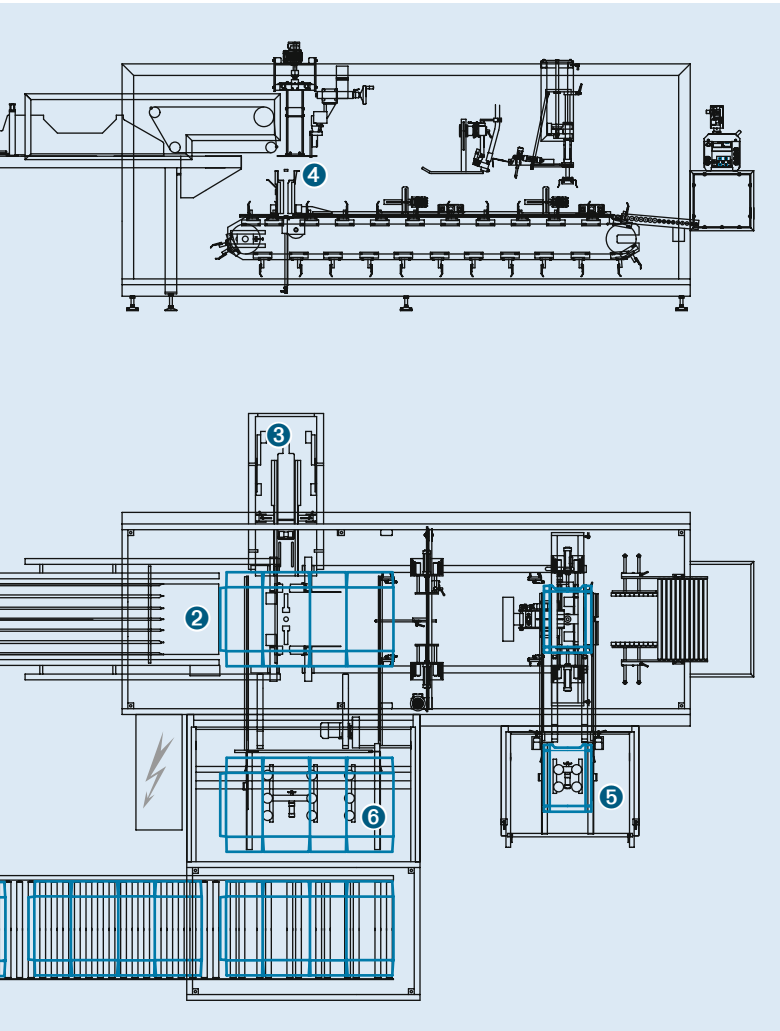


3 Product Protection

If requested or due to legislation the products can be additionally protected. We supply the module for applying:

- layer boards
- partition boards





4 Folding Station

The integrated descent/folding station can always stack multilayer formations and ensures:

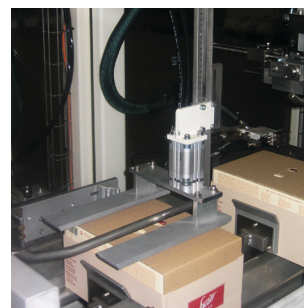
- tight, well aligned cases
- multilayer, with or without layer board
- wrap-around cartons with inside or outside flap
- numerous shapes like trapezoidal, dome or stacking-edge boxes
- trays, rectangular or octagonal
- all closed with hot melt glue



6 Lid Applicator

Shelf ready packages with lid applied inside or outside of the tray can be made just as well as ordinary two piece telescopic boxes with height compensation (important for paper applications).

- lid in or outside
- glued or not glued
- shelf ready design
- telescopic tray and lid



6 Automatic Blank Magazine

Thanks to the new design, the automatic magazine is very forgiving regarding blank tolerances:

- suitable for corrugated or solid board
- tolerant to the board quality
- storage for one hour of operation
- can be filled from pallets
- automatic size change (optional)
- trolleys to help blank filling (optional)



Add-on Modules

On request we deliver labeller, check weigher, metal detector and appropriate reject station.

Turn Key Projects

With partners we can extend our case/tray/shrink packer with robot palletizing. It has an individual control or we integrate it into the PLC of the case packer and supply the end of the line packaging as a turn key job.

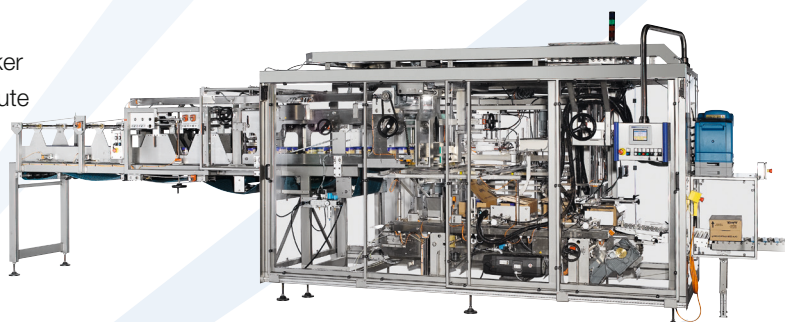
IWS Standard Range

... of Wrap-Around/Tray and Shrink Packers:



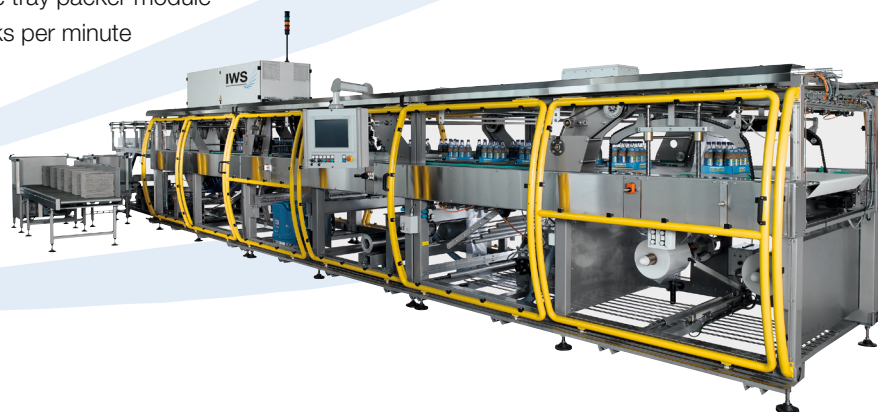
INVOPAC

Intermittent Running Case Packer
Output up to 36 cycles per minute



INVOSPEED

Continuous Operating High-Speed Shrink Wrapper
With single or twin lane tray packer module
Output up to 130 packs per minute



Convincing Solutions by Partnership with Customers



Apart from our standard range of the INVOPAC and INVOSPEED packaging machines we are specialized in the design and the realisation of custom made solutions. Depending on the requirements for such custom- and application specific machines, we may use existing concepts or develop new ones in close cooperation with our contractual partners.

Each solution has to satisfy the requirements of the customer and our own demands: efficient, safe, reliable and state of the art.

Gain from our experience. Your satisfaction is our goal – and our challenge.

For such optimized solutions, long time experience and extensive know-how is compulsory. Also the over-all view and the understanding of all criteria are essential. It's a good thing that we can fall back on sound knowledge of more than 35 years of business history.

Company Philosophy

1. The customers and his needs are the focus of our interest. Contractual obligations during design and installation but also after commissioning are professionally handled and carefully fulfilled.
2. We are convinced of our industrial proven products and their performance.
3. We work in accordance with convincing concepts and operate as an efficient team.
4. We always do more than expected and are totally committed to an optimal price/efficiency ratio.
5. We attach great importance to a good work climate and to keep the know-how/expertise gained in more the 35 years of business activities.



Welcome

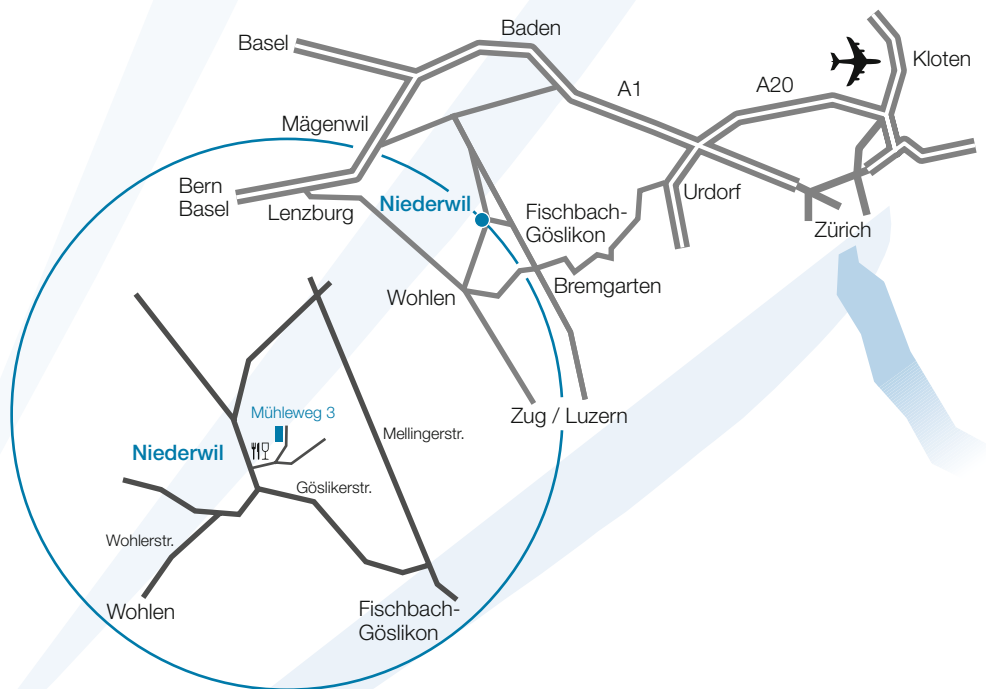
From Zürich or Zürich Airport drive via Mutschellen/Widen to Bremgarten (Aargau) and leave the Bremgarten by pass road at the Shell petrol station in direction Baden/Brugg.

At the end of Fischbach-Göslikon turn left to Niederwil. In Niederwil turn right into the main road. After 100 meter follow the road signs to IWS downhill to the right.

From Bern, Basel or Lucerne drive to Wohlen (Aargau) and follow the road signs to Baden/Brugg. Leave the roundabout at the Catholic Church to Niederwil. After 300 meter turn right again to Niederwil and follow this road for 2.5 km.

At Niederwil stay on the curvy main road and follow after 500 meter the road signs to IWS downhill to the right.

We are pleased to welcome you in Niederwil!



www.iwsag.ch

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