

**Your partner for individual
end-of-line packaging solutions**
for the pharmaceutical and cosmetic production



Automating your success

www.christ-ps.com

Christ Packing Systems

Packaging machines "Made in Germany"



Automating your success

- Individual packaging solutions
- 130 highly qualified employees
- 12.500 m² production area
- Lean-oriented material flow
- High degree of in-house production
- Short delivery times
- 70 years of experience
- 3000 machines in operation worldwide

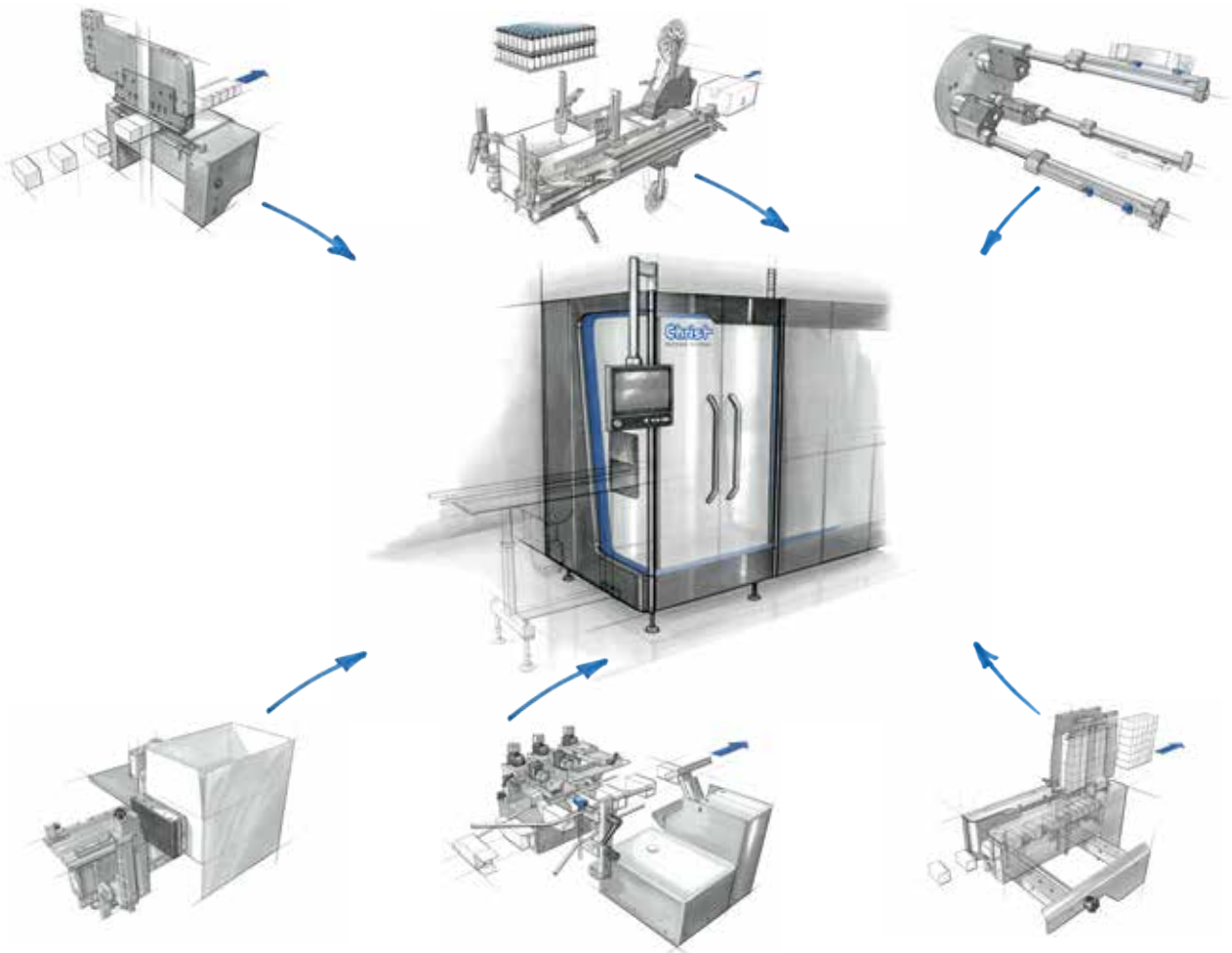


Combination makes the difference...

Hundreds of well-tries modules to meet your individual needs

Tailor-made solutions

- Development of machine concepts
- Adaption of standard machines
- Ergonomic operation and design



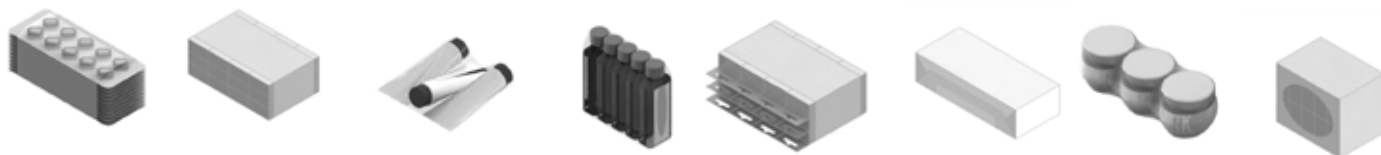
Machine portfolio

Packaging possibilities

BoxTeq – Cartoning



FilmTeq – Film packaging



CaseTeq – Shipping case packaging



PalTeq – Palletizing



BoxTeq

Cartoning



High format flexibility and a variety of packaging variants – this is the base concept of our BoxTeq series. Quick format change and a user-friendly design are meeting the highest demands.

Performance

- Up to 120 cycles / minute

Chain pitch

- 6, 9 and 15 inches

Packaging material

- Cartons

Products

- Blisters
- Bottles
- Tubes
- Vials

Product infeed

- Bucket chain
- Turning screw
- Customer-specific solutions

Types of closure

- Tuck-in
- Hot-melt

Type of closure is convertible!

Further characteristics

- Leaflet folder or friction feeder to supply product insert
- Pre-infeed pusher for leaflets
- Carton magazine moveable in service position

FilmTeq

Film packaging



With compact design and flexible infeed modules our FilmTeq machines are well prepared to meet the market's wide range of demands.

Performance

- Up to 75 bundles / minute

Packaging material

- LDPE film
- BOPP film

Products

- Cartons
- Blisters
- Tubes
- Bottles
- Cans

Types of packaging

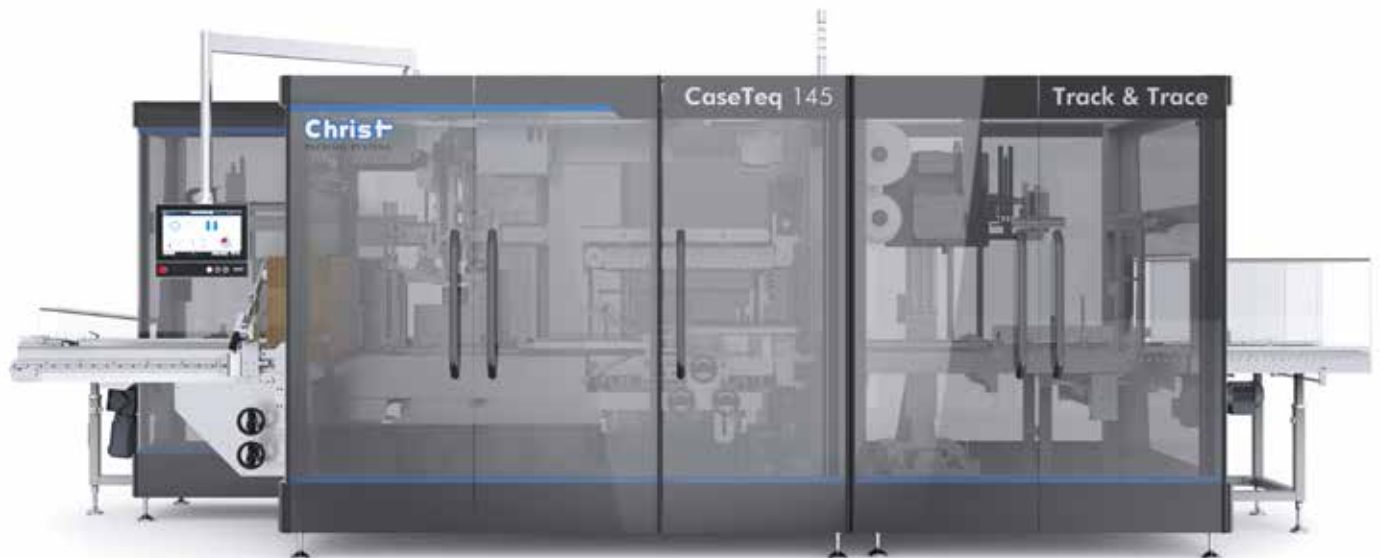
- Sleeve
- Sleeve with shrink
- Full overwrap

Stacking options

- Stacker
- Turning-stacker

CaseTeq

Shipping case packaging



Great accessibility, ergonomics and simple format changes – this is the main focus of our casepackers.

Depending on your application, there is either a semi-automatic machine concept or a fully automatic solution to fulfil your needs perfectly.

Performance

- Up to 30 cases / minute

Packaging material

- Shipping case (American Case)
- Wrap-around case
- Tray

Products

- Cartons
- Display cartons
- Products bundled with film
- Bottles
- Vials
- Cans

Machine types

- Semi-automatic sideloading casepacker
- Fully-automatic sideloading casepacker
- Fully-automatic toploading casepacker

Closure

- Adhesive tape
- Hot-melt



PalTeq

Palletizing



Within the PalTeq range there can be found a solution for each palletizing application – palletizers in portal or side-portal style, robot systems or collaborative robots.

Performance

- Up 12 movements / minute

Packaging material

- Pallet

Products

- Shipping cases
- Display cartons
- Products bundled with film

Additional components

- Pallet magazine
- Magazine for intermediate layers
- Roller conveyor
- Strapping unit
- Stretcher

Format range

- Euro pallet
- Industrial pallet
- Special pallet



Packaging lines

Everything from one single source

Christ Packing Systems offers turnkey project planning for the entire packaging process. We are supporting you from the idea to the production start. To compile a complete packaging line, machines from our product range are combined with equipment of sub-suppliers.

Our services:

- Project planning of appropriate solutions
- Selection of competent partners
- Design review meetings
- Machine factory acceptance tests
- Start-up
- Training



Track & Trace

Optimal safety for the production process

Production relevant information stored in codes (1D / 2D / Datamatrix) can be verified and analysed at any time to track the entire production process.

Christ Packing Systems is cooperating with leading system suppliers and offers a range of pre-defined packages. These can be integrated in new machines as well as in machines that are already in operation.

Cartoner

- Code control product
- Code control carton
- Code control product insert
- Attendance control product insert

Printing device

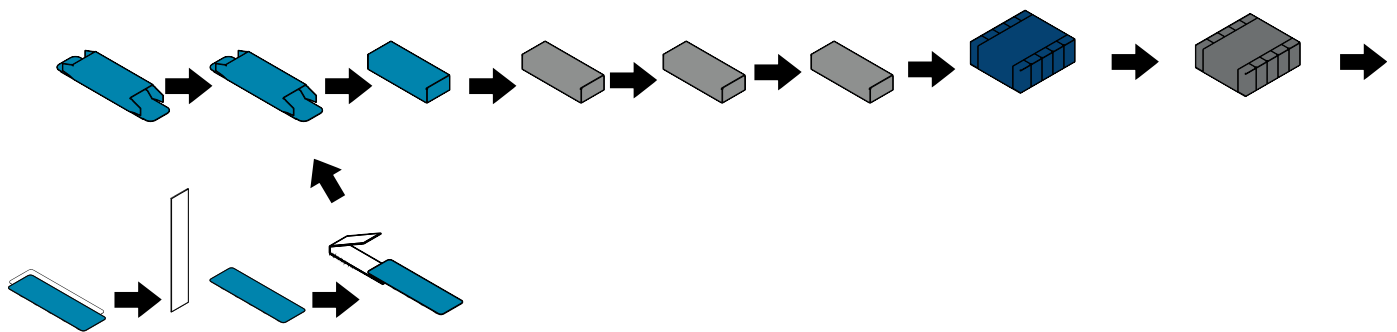
- Printing on carton
- Quality and code control of carton printing

Film packaging machine

- Code reading of carton
- Code in film bundle

Labeller

- Printing, application and control of bundle label



Case packaging machine

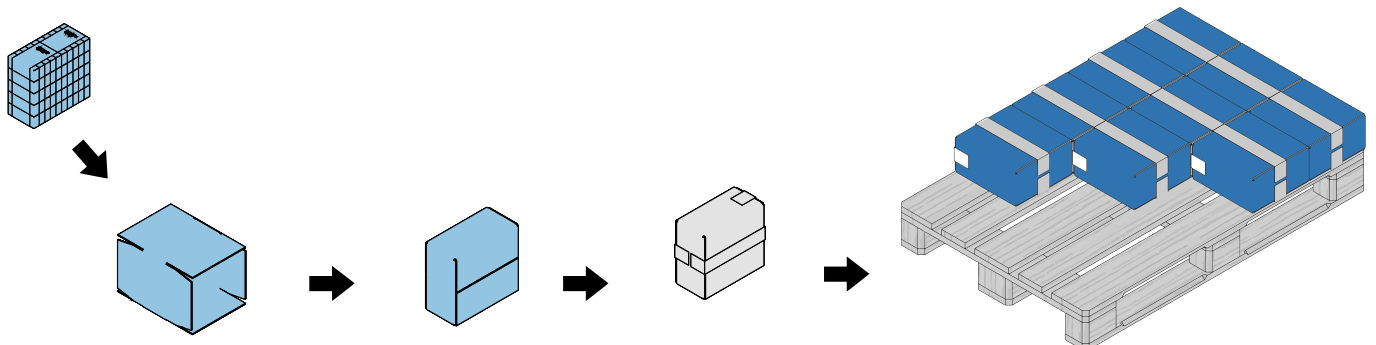
- Code reading of bundle code on label or carton code in case bundle

Labeller

- Printing, application and control of case label

Palletizer

- Code reading of case label and application of pallet label



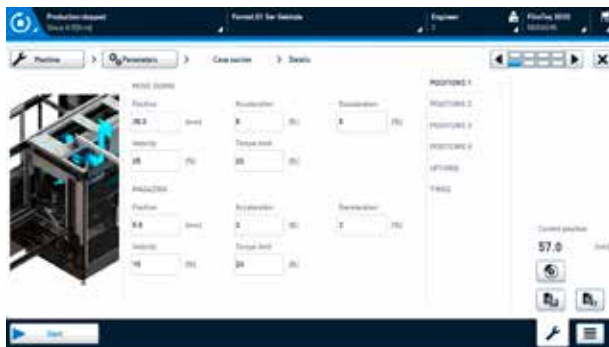
HMI

Optimized operating concept



Hardware

- Capacitive touch display in solid aluminium case with easy-to-clean glass surface
- High definition
- Powerful IPC-based hardware with SSD hard disk
- Integrated UPS
- Optional remote maintenance via Gateway Hardware
- Import and export of data via USB or Ethernet



Software

- Clear und functional user surface
- Intuitive user guidance with graphics of machine components and structured reporting system
- Clear user and format administration
- Optional connection to customer domain via Active Directory/ LDAP
- 21 CFR Part 11 compliant audit trail
- Batch report (digital and printable)
- Logging of statistical data such as OEE and production figures
- Pack ML compliant programme structure (operation status and mode)
- Connection to SCADA/MES via OPC-UA
- Backup and restore options
- GAMP5 compliant software development

Project management

Our basis for successful projects

Due to modern planning tools, all activities are coordinated between all departments in order to achieve results as scheduled and according to high quality production standards as well as transparent project monitoring.

Your advantage – one single contact from project start to successful completion.

Our services:

- Creation of project plans
- Planning of delivery dates
- Monitoring of project progress
- Change Management
- Status updates
- Design review meetings
- Planning and execution of FAT and SAT





Quality management

Long-term customer satisfaction by means of best quality

You are our focus.

We work towards securing best quality in all areas every day, continuously seeking to improve our processes.

Our company is certified by DIN EN ISO 9001:2015.

Machine qualification

Proven functionality

In accordance with your user requirement specification, we submit a broad offer of qualification documents:

- Functional Specification
- Hardware-/ and Software-Specifications
- Installation Qualification
- Operational Qualification
- Traceability Matrix
- Backup and Restore Documentation
- GMP Risk Analysis / FMEA Workshop
- Disaster Recovery Plan
- Qualification Project Plan

All our qualification documents comply with current GMP guidelines.



Service

Your long-term production is important for us!



Spare and format parts

- In-house production of all machine parts
- Large stock of spare and format parts
- Flexible production of complex spare parts
- Worldwide shipping of spare parts

Service technicians

- Worldwide availability
- Permanent training
- Long-term customer satisfaction
- Long machine life cycle

Maintenance and upgrades

- Installation, start-up and SAT at your site
- Support for qualification and validation
- Remote maintenance
- Regular maintenance
- Technology-Upgrades (Retrofit)

The Christ Group at a glance

We are part of the Christ Group

The Christ Group is a corporate association under the roof of the Otto Christ AG, with the aim to combine existing abilities and to make full use of synergies.

Otto Christ AG

- Leading manufacturer of car wash systems in Europe
- 1500 employees throughout Europe
- 84.584 m² covered production area
- Annual turnover of 170 million Euro



Christ Electronic Systems GmbH

- Manufacturer of computer panels, touch panels, measuring equipment as well as electronic components
- Customers in the field of industry, medical and mobile technology

In particular, we can resort to Christ Electronic Systems' know-how in the field of complex visualization challenges and touch panels.



For the 25th time, the competition TOP 100 has identified the most innovative companies amongst small and medium-sized German companies.

Otto Christ AG can count itself among these leaders of innovation and has been named for the third time amongst the innovation elite.





**„Of course I care about the future.
I intend to spend the rest of my
remaining life in it.”**

Mark Twain

Contact

Regardless of what you concern maybe – our skilled employees look forward to supporting you at any time!

**Challenge us –
We are looking forward to meeting
your demands!**



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