Delivering Solutions – Application Expertise
We are thoroughly familiar with your products and applications! Romaco specialises in engineering technologies for solid pharmaceutical dosage forms. Our concepts and system solutions are inspired by the rich experience and know-how of our 600-strong team of employees.

Creating Value – Enhanced Performance
Profit from Romaco’s excellent value for money! We help you optimise your OEE balance systematically. With our efficient production and service management, we cut the running costs for your machines and increase your output in the long term.

Exploiting Technologies – Product Diversity
Our product diversity knows no bounds! The modular concept behind Romaco machines and equipment is the key to your success. With seven product lines, we are in a position to respond promptly and flexibly to changing market requirements. Together we are stronger!
Delivering Solutions

All-in-One Solutions from a Single Source

Romaco is your specialist for solid pharmaceutical dosage forms. We focus on your product, its properties and the resulting tableting and packaging requirements. The know-how of Kilian, Siebler and Promatic is harnessed to help you optimise your existing processes while developing new products and innovative packaging concepts.

Tablet Production

- Tablet presses for the pharmaceutical, food and chemical industries
- Dedicated solutions for effervescent tablets
- Up to five products in one compression process
- Compression of tablets with anything up to five layers
- Production of food supplements such as vitamin preparations
- Manufacture of chemical products, e.g. cleaning tablets

»The strip packaging solutions from Romaco Siebler have allowed us to extend our production capacities significantly. The robot plant concept offers decisive benefits.«

Helmut Jakolat, Production Technology Manager, HERMES ARZNEIMITTEL GmbH, Germany
<table>
<thead>
<tr>
<th>Packing in Sealed Strips</th>
<th>Packing in Design Strips</th>
<th>Packing in Cartons</th>
<th>Final Packaging</th>
</tr>
</thead>
<tbody>
<tr>
<td>• Air, light and moisture-tight unit dose packaging</td>
<td>• Customised strip layouts</td>
<td>• Folding cartons as secondary packaging</td>
<td>• Shipping cases as final packaging</td>
</tr>
<tr>
<td>• Primary packaging for tablets (including effervescents) and capsules</td>
<td>• High recognition value</td>
<td>• Intermittent or continuous motion cartoners</td>
<td>• Fully or semi-automatic machines</td>
</tr>
<tr>
<td>• Suitable for cutting and packing diagnostics</td>
<td>• Bespoke perforation patterns</td>
<td>• Various inserts possible</td>
<td>• Adhesive tape or hot melt closure</td>
</tr>
<tr>
<td>• Ability to process flat, stable containers such as BFS or pre-filled syringes</td>
<td>• Integral opening aids</td>
<td>• Glued or tuck-in closures</td>
<td>• Aggregation for serialised packaging</td>
</tr>
<tr>
<td></td>
<td>• Unlimited packaging variety</td>
<td>• Tamper-evident features</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>• Seamless track &amp; trace</td>
<td></td>
</tr>
</tbody>
</table>
Romaco Siebler is a leading supplier of heat-sealing machines for packing pharmaceutical solids in strips. The manufacturer provides modular system solutions which enable both a direct connection to the tablet press and transfer to in-line secondary and tertiary packaging units. Format changes can be completed quickly and easily thanks to the integrated robotic transfer units.

Individual-shaped design strips can likewise be manufactured using Romaco Siebler machines. When it comes to quality, performance and the range of applications, no wish is too big. Siebler strip packaging lines are configured exactly according to your requirements. We develop the ideal packaging concept whatever the product – don’t hesitate to ask for advice!
Line Integration

- Upstream tablet press reduces broken tablets and waste to a minimum
- Special transfer station conveys effervescent tablets gently to the heat-sealing machine
- Robotic transfer of the strips to the cartoner in case of frequent format changes
- Servo-driven, multiple-lane transfer and stacking of the strips

Premium Sealing Quality

- Bespoke sealing patterns
- Reproducible sealing parameters: pressure, temperature and time
- Extremely precise temperature distribution on the sealing surfaces with multiple heaters
- Efficient control of temperature tolerances with various temperature sensors
- Proven cutting and perforation technology

Proven Design

- cGMP compliant balcony architecture
- Compact machine with a very small footprint
- Heat-seal system with quick-change format parts
- Easy access reduces retooling and cleaning times to a minimum
- Excellent OEE values thanks to high availability, product quality and output

Advanced Level of Automation

- Servo motors guarantee maximum precision and efficiency
- Central communication control at the interfaces between the different line components
- Maximum performance: six FlexPickers deliver up to 900 strips per minute
- Flexible-format, robotic transfer solution
Customer Service

Retrofits and Upgrades

- General overhaul and modernisation projects help improve economic efficiency
- Individual solutions
- Active obsolescence management extends the service life
- Feature enhancements enable increased flexibility
- Plant relocation planning and execution

Training

- Qualified training and seminars for machine operators and maintenance personnel
- GMP compliant training concepts with continuous performance reviews
- Training provided on the customer’s site or at Romaco’s
- OEE support: systematic optimisation of overall equipment effectiveness

Maintenance and Remote Assist

- Individual maintenance and Remote Assist contracts
- Remote Assist permits prompt and reliable diagnostics
- Real-time support thanks to customer service “at the push of a button”
- Virtual communication using smart glasses
- Telephone hotline in case of an emergency
- Team of service technicians on hand to carry out assignments worldwide

Installation and Commissioning

- Installation: project planning and execution
- Commissioning and initial briefing for operators
- Qualification support
- Ramp-up support with shortened start-up phase

Spare Parts

- Spare parts packages tailored to each individual machine
- All spare parts available for a minimum of ten years
- Durable original parts that fit exactly
- Short response and delivery times
- Decentralised warehousing ensures local availability

Original Parts

- Format sets compatible with all machines in the same series
- High-precision parts that fit exactly
- Format centre: each part is rigorously tested by Romaco before it leaves the factory
- Machine parameters and qualification documentation included in the scope of supply

T raining

- Qualified training and seminars for machine operators and maintenance personnel
- GMP compliant training concepts with continuous performance reviews
- Training provided on the customer’s site or at Romaco’s
- OEE support: systematic optimisation of overall equipment effectiveness

Maintenance and Remote Assist

- Individual maintenance and Remote Assist contracts
- Remote Assist permits prompt and reliable diagnostics
- Real-time support thanks to customer service “at the push of a button”
- Virtual communication using smart glasses
- Telephone hotline in case of an emergency
- Team of service technicians on hand to carry out assignments worldwide

Installation and Commissioning

- Installation: project planning and execution
- Commissioning and initial briefing for operators
- Qualification support
- Ramp-up support with shortened start-up phase

Spare Parts

- Spare parts packages tailored to each individual machine
- All spare parts available for a minimum of ten years
- Durable original parts that fit exactly
- Short response and delivery times
- Decentralised warehousing ensures local availability

Original Parts

- Format sets compatible with all machines in the same series
- High-precision parts that fit exactly
- Format centre: each part is rigorously tested by Romaco before it leaves the factory
- Machine parameters and qualification documentation included in the scope of supply
Choose from our portfolio!

**Tableting**

- **Kilian KTP 720X**
  - Double-sided rotary press for effervescent, mono and bi-layer tablets
  - Up to 1,020,000 tablets/hour

- **Kilian KTP 590X**
  - Single-sided rotary press for effervescent, mono and bi-layer tablets
  - Up to 510,000 tablets/hour

- **Kilian KTP 420X**
  - Single-sided rotary press for effervescent and mono-layer tablets
  - Up to 360,000 tablets/hour

**Primary Packaging**

- **Siebler HM 1**
  - Strip packaging machines for pharmaceutical solids
  - Up to 6,400 tablets/minute
  - Up to 4,000 capsules/minute

- **Siebler HM 1E**
  - Strip packaging machines for effervescent tablets
  - Up to 3,300 tablets/minute

- **Siebler HM 2**
  - Strip packaging machines for diagnostics and flat/stable products
  - Up to 1,500 products/minute

**Transfer**

- **Romaco TabTrans**
  + Transfer belt with sampling, breakage elimination and metal check unit
  + Rotary table
  + Ascending belt
**Secondary Packaging**

Promatic PC 4000  
Continuous motion cartoner  
Up to 400 packs/minute

Promatic PCI 915  
High-speed intermittent motion cartoner  
Up to 150 packs/minute

Promatic P 91  
Intermittent motion cartoner  
Up to 130 packs/minute

Siebler CM 1-500  
Catch cover packaging  
Up to 700 packs/minute

**Track & Trace**

Promatic PTT  
Labeller and track & trace system  
Up to 400 packs/minute

**Tertiary Packaging**

Promatic PAK 320  
Fully automatic case packer with track & trace  
Up to 8 cases/minute

Promatic PAK 130  
Semi-automatic case packer with track & trace  
Up to 5 cases/minute

Promatic PAK 100  
Semi-automatic case packer  
Up to 5 cases/minute

**Transfer**

Siebler FlexTrans  
Robotic transfer station  
Up to 900 strips/minute

Siebler FixTrans  
Servo-driven stacking and transfer station  
Up to 1,040 strips/minute