Intermittently working rotary machines to form, fill and seal flat or stand-up pouches made from reel, also with reclosure systems.

Application range: Food, Pet Food, Beverages, Pharmaceuticals, Nonfood, Household, Personal Care

- Duplex, Triplex, Quadro, Quinta available
- **10 stations** for the multi flexible use of filling systems and additional equipment (e.g. Nitrogen gassing)
- Up to 20% saving of packaging material
- Servo driven sealing systems
- Easy access for operators
- Compact, modular design
- Dosing equipment: Slide doser, auger doser, scales, micro doser for smallest volumes, rotary and valve pumpdoser, flow meter
- Hygienic construction and easy cleaning
- Central operation and visualization via touch screen
- Synchronization with linear and multi-head weigher

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German Pouch-Pack Technology

Uniquely customized. Uniquely economical.
Technical details FM 215 - FM 515

<table>
<thead>
<tr>
<th>Specifications</th>
<th>FM 215 DUPLEX</th>
<th>FM 315 TRIPLEX</th>
<th>FM 415 QUADRO</th>
<th>FM 515 QUINTA</th>
</tr>
</thead>
<tbody>
<tr>
<td>Pouch size [mm] 1)</td>
<td>Width 100 - 235</td>
<td>Width 80 - 152</td>
<td>Width 70 - 110</td>
<td>Width 40 - 80</td>
</tr>
<tr>
<td></td>
<td>Length 120 - 350</td>
<td>Length 100 - 350</td>
<td>Length 90 - 250</td>
<td>Length 60 - 210</td>
</tr>
<tr>
<td>Machine output [Pouches/min]</td>
<td>up to 180*</td>
<td>up to 270*</td>
<td>up to 360*</td>
<td>up to 450*</td>
</tr>
<tr>
<td></td>
<td>* depending on filling characteristics and pouch size</td>
<td></td>
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</tr>
<tr>
<td>Packing material</td>
<td>seable laminated film</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Construction</td>
<td>Standard to process dry products</td>
<td>Optional wash down construction</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Safety equipment</td>
<td>Acc. to the international safety regulations e.g. CE, UL, CSA, OSHA</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Electricity power [kVA]</td>
<td>ca. 10 - 30</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Electricity supply [V]</td>
<td>3 x 400/230V + N + PE, 50/60 HZ 1)</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Voltage [V]</td>
<td>400 / 230 / 24</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Air consumption</td>
<td>ca. 1.000 - 1.500 Nl/min, 6 bar 1)</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Machine dimensions [mm]</td>
<td>ca. 4.900 x 2.400 x 2.200 1)</td>
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</tr>
</tbody>
</table>

1) Depending on configuration. Technical modifications reserved.

Standard equipment
- Pouch control (no pouch – no filling)
- Cutting and glueing table
- Film edge control
- Motor driven roll lifting unit
- Servo driven sealing systems
- Central operation and convenient process control
- PLC Siemens or Allen Bradley
- Teleservice

Optional equipment
- Date code systems
- Wash down construction
- Ultrasonic sealing
- Reclosure systems
- Recipe management
- Reversed image construction
- Nitrogen gassing
- (further details on request)