



COMPACTING & PACKAGING SOLUTIONS **SOUP CUBES & TABLETS**

Choose a reliable partner that has
been shaping the market for more
than 115 years.





BONALS TECHNOLOGIES | MHT & G Series

Recipe formulation | Powder Mixing,
Maturation & Granulation



We help you identify the best recipe and suppliers for optimal cost, equipment efficiency and final consumer satisfaction.

We adapt the mixing solution to your powder specificities and optimal connection with the tableting machine. A maturation step can be required by your product to cool down the powder.

The complete range of batch-type Horizontal Turbulence Mixers (MHT) is designed to mix solids and fat together. Made of stainless steel AISI 316L for parts in contact with the product, MHT range from 300L to 3,000L.

The G-series powder granulators turn heterogenous solid products into homogenous granules for better flowing, for direct use or compaction. The granulators can reduce into particles between 200 kg and 1,800 kg per hour.

Easy integration to the line and easy to operate, for minimum maintenance and cleaning time.

MIXER BENEFITS

- Robust, easy cleaning, anti-corrosion, food-grade
- Ancillary equipment for fat melting and injection

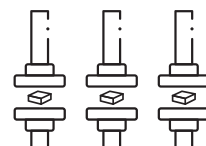
GRANULATOR BENEFITS

- Constant particle size for improved flowability
- Optimal connection controlled by the press
- Flexible production: up to 3 different granulation possibilities



BONALS TECHNOLOGIES | P20

Rotary Press



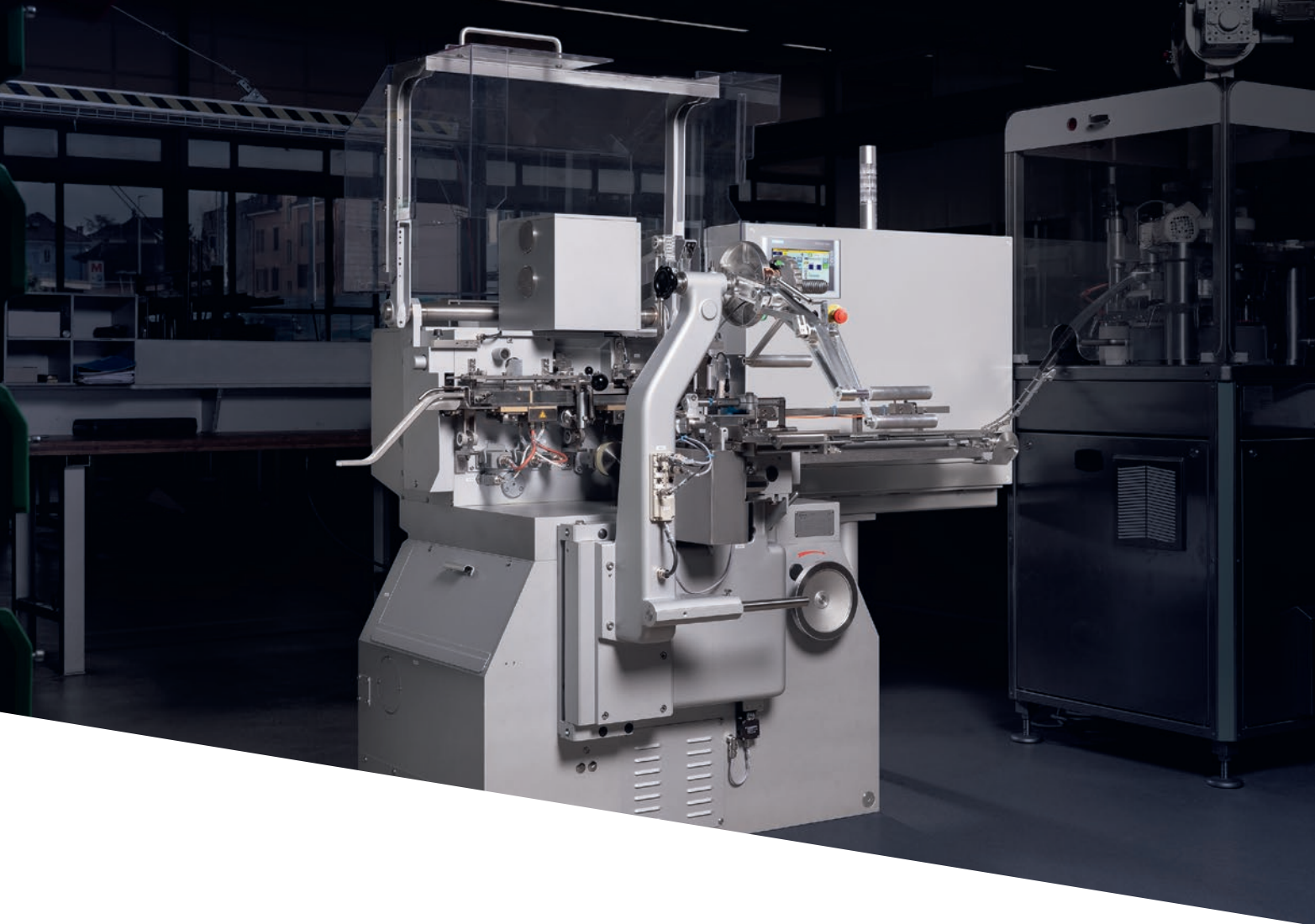
Designed for medium-speed lines, the P20 press is one of the most compact and reliable bouillon presses on the market to deliver high quality cubes or tablets with maximum efficiency. The P20 press is perfect for new entrants or producers looking for an easy-to-use and adjustable rotary press.

With its single punch technology and adapted compression technology to bouillon, the P20 press delivers a maximum output of 600 tablets per minute and 800 cubes per minute. The efficient feeding system enables high regularity in tablet or cube weight and the automatic punch cleaning system avoids sticky mass and reduces powder waste.

The P20 press enables optimal connection to any wrapping machines with smooth product handling whilst the full access to the processing upper area guarantees easy cleaning and easy maintenance.

BENEFITS

- Optimized capex
- High tablet weight regularity and hardness
- Smooth tablet handling
- Reduced sticky mass and mass loss
- Intuitive production setup and controls
- Easy operations and flexible changeovers
- Compact size for reduced footprint



SAPAL | DBD 0500-1 & DBD 0600-1

Wrapping Machines



Keeping in mind how challenging it is to differentiate your product on supermarket shelves, we create unique solutions that help you stand out at point of sale.

Sapal offers two single format machines developed using the company's worldwide knowledge base and expertise: the DBD 0500-1 for tablets and the DBD 0600-1 for soup cubes.

Both machines have a twin wrapping head, three-side heat seal, designed for the mid-range speed wrapping of soup tablets and cubes. The maximum output is respectively 500 and 600 products per minute.

Different types of wrapping material, such as aluminum, OPP laminates and paper can be used, always ensuring a perfect folding and sealing.

Thanks to an accessible and dismountable folding box layout, as well as the pivoting cover on the heat-sealing channel, these reliable machines are easy to clean and to maintain.

They are now equipped with a new HMI, a very easy-to-use touch panel which provides a tailored interface to operate the machine.

BENEFITS

- Adjustable product thickness
- Easy to use and to maintain
- Reliability
- Choice of wrapping material
- Perfect folding and sealing, still easy to open
- Ergonomic
- Excellent wrapping quality



OUR JOINT SOLUTION

Giving you reduced footprint, optimal throughput and maximum return on investment

To a greater degree than other compacting and packaging processes, a successful bouillon line is driven by a deep understanding of the interactions between engineering, recipe formulation, powder preparation, compacting, packaging.

Successful bouillon compacting and packaging requires a broad range of technologies, expertise and services that Sapal and Bonals Technologies jointly offer.

Our comprehensive turnkey solution for compressing and packaging bouillon cubes or tablets promises to address your main concerns:

- Disorderly discharge of the products after the compacting process,
- Accumulation and subsequent complex separation of the product flow before the packaging process,
- An overall synchronized process.



Easy to use



Compact design for reduced footprint



Seamless product handling for minimum loss



High efficiency for maximum ROI



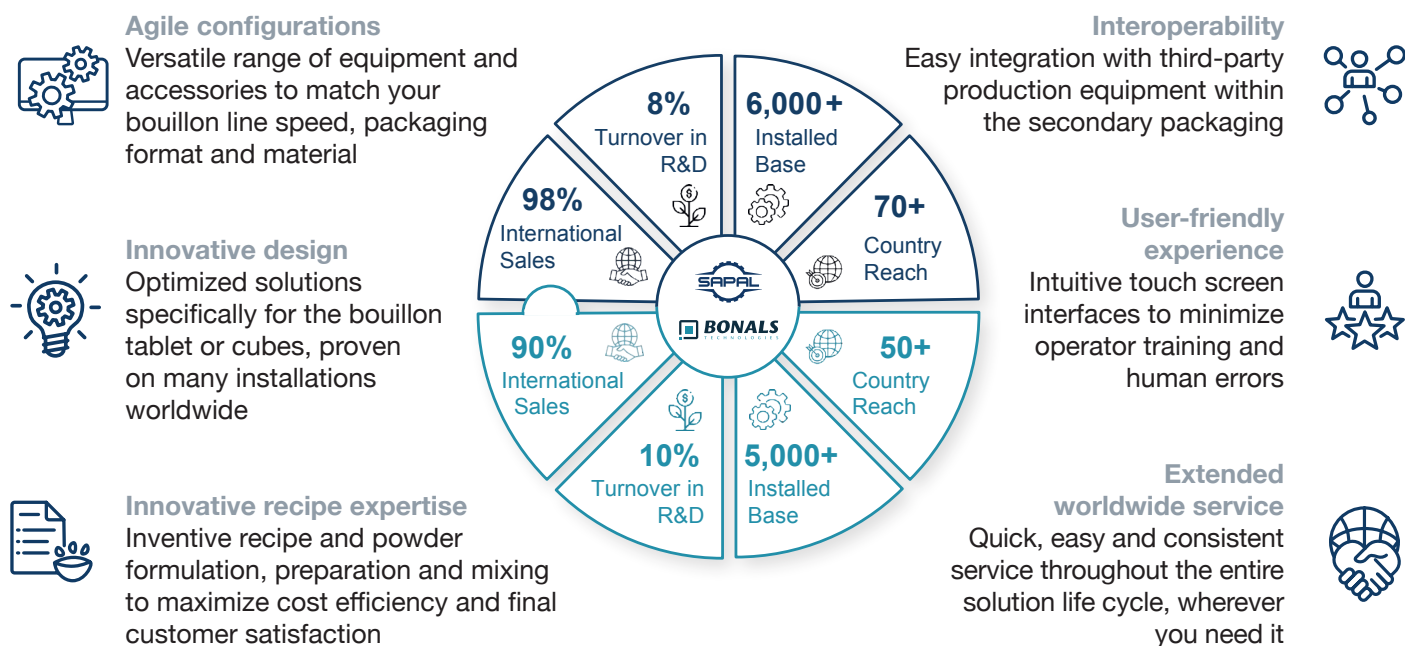
Proven technology for safe investment

ABOUT SAPAL & BONALS TECHNOLOGIES

Combined professional expertise

Historical partnership with more than 100 lines operating

For decades, Sapal and Bonals Technologies have formulated recipes, designed and manufactured compacting and packaging solutions to answer your evolving needs and expectations. Together, we ensure the seamless implementation of the solution from initial needs discovery to the definition of a full compacting and packaging turnkey system.



By acquiring compacting and packaging solutions from Sapal and Bonals Technologies, you gain access to an extensive range of after-sales services. From a single spare part to complete service packages, tailored to your specific needs, Sapal and Bonals Technologies can assist you in achieving maximum output and minimum downtime.

Your reliable partners



SAPAL SA

Av. du Tir-Fédéral 44
1024 Ecublens - SWITZERLAND
Phone +41 21 633 53 00 - Fax +41 21 633 52 11
sales@sapal.ch - www.sapal.ch



BONALS TECHNOLOGIES FRANCE

Rte de Saint-Marcellin 258
42170 Saint-Just-Saint-Rambert - FRANCE
Phone +33 4 77 52 72 80
contact@bonals.com - www.bonals.com

BONALS TECHNOLOGIES SPAIN

Roger De Lluria, 41 3-1
08009, Barcelona - SPAIN
Phone +34 934 714 580
contact@bonals.com - www.bonals.com