

**OCRIM**

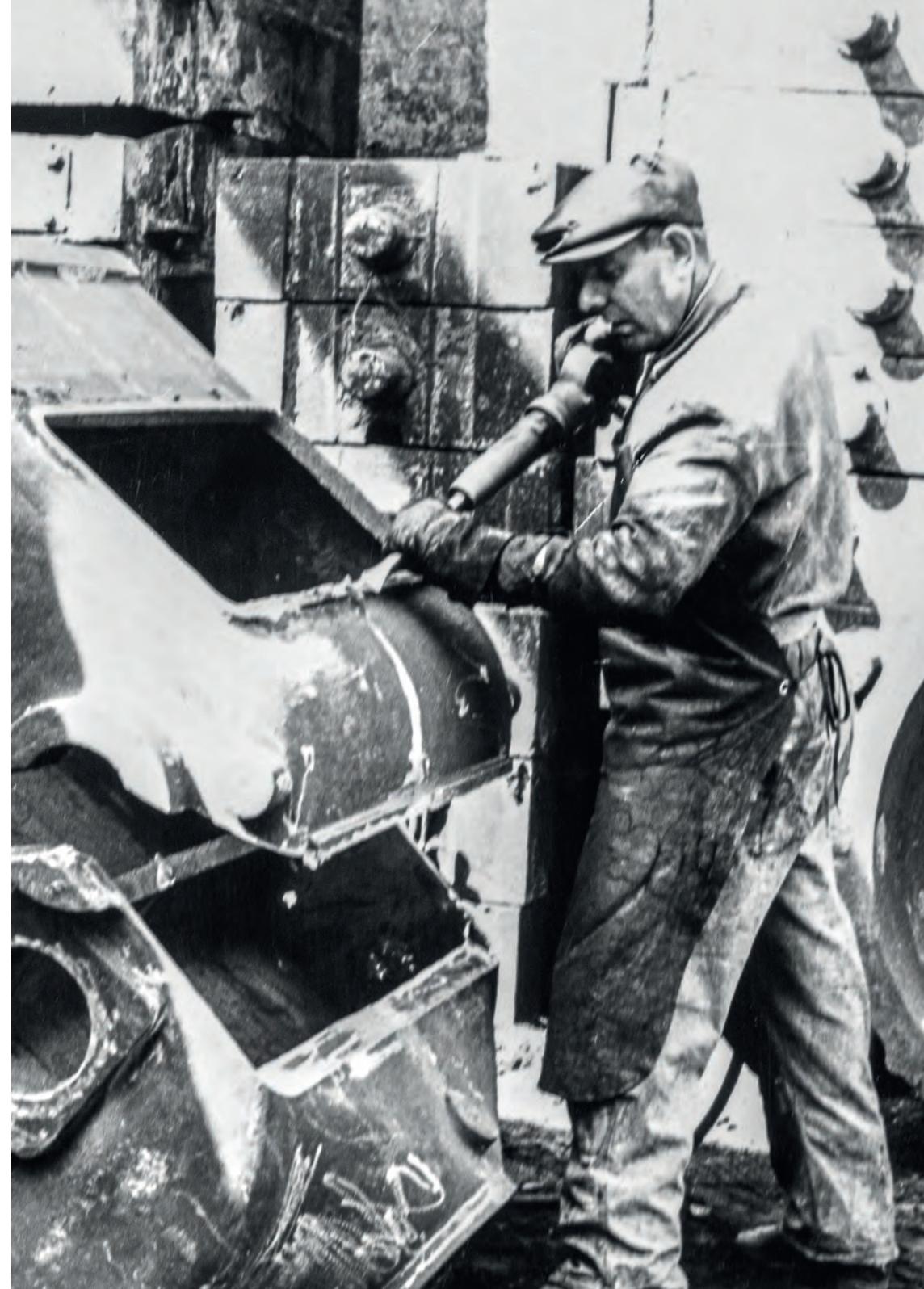
# OCRIM



# HISTORY



Founded in Cremona (Italy) in 1945, in the space of just a few years Ocrim became an international point of reference for the design and supply of milling plants. Today, worldwide, it is considered an essential and irreplaceable partner for any wheat mill, corn, grain processing in general and end of line, as a result of its well-known technological knowledge and capacity and its flexibility in developing customised solution for each customer.



# WHAT WE DO

Ocrim is a flexible partner, specialised in the supply of single machines as well as the construction of agro-industrial complexes, especially in turnkey projects through its long-established use of 3D technology and offering complete management of the entire process: study and evaluation of civil works; design and construction of buildings and metal and/or concrete silos; definition and care of every single regulatory detail in harmony with aspects related to the plant, health and hygiene and environmental impact; application of the most appropriate plant and technological solutions aimed at constant maximisation of the production process. All designed and produced within its departments and workshops, with an OcriMade vision and approach.



# CORPORATE STRUCTURE

Ocrim boasts two facilities, both in the city of Cremona: its original headquarters in via Massarotti and the most recent in via Riglio, at the channel port. The entire production process is exclusively carried out in the two locations in Cremona.

The real business “driving force” is Ocrim’s *human capital*, on which the company makes strong and targeted continuous investments, so that it is highly specialised and constantly up to date. Each Ocrim department has its own specific function and duties, and interaction between the various skills is a key factor to ensure dynamic work and excellent results.

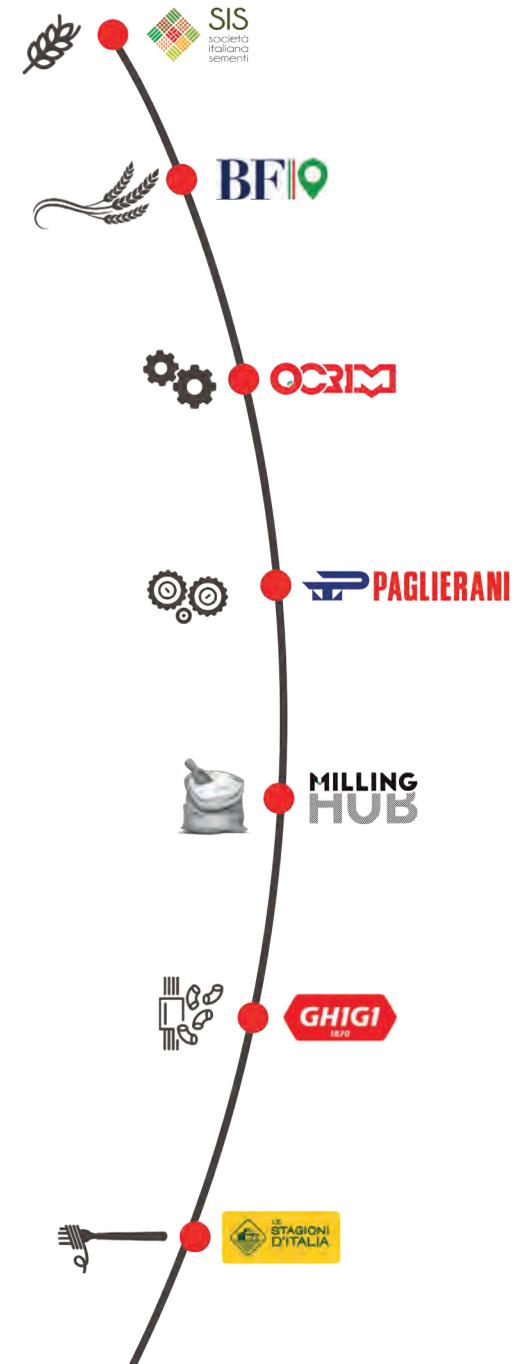
## OcriMade

Is the common denominator of the Ocrim organisation, the brand, evidence that the production and logistics process, entirely carried out at the company’s departments and workshops in Cremona. It is based on Research and on the technological knowledge of the raw material and its interaction with individual machines and different materials. However, OcriMade, also means attention to every detail and focus on - refined and customised design according to the customer’s tastes and personality - as they are encapsulated in a concept and a philosophy forming part of the Italian culture.



# THE ITALIAN AGRI-FOOD CHAIN CHOICE

The partnership with Bonifiche Ferraresi Italy's leading and largest agri-food company, which began in 2015, has made Ocrim a firm reference point both nationally and internationally, in the Food chain industry. In fact, as a result of this important agreement, in 2017 The Italian Agri-Food Chain Choice was established, the Italian supply chain, which also includes other prestigious companies, each with its own experience and know-how. The aim of this important choice is to stand as a thorough partner, aware of the importance of cultivating the control and management of the raw material, to be processed exactly by the machines Ocrim produces, before reaching consumers' table, in the form of pasta and baked goods in general.



# MILLING HUB

The futuristic milling hub located near Ocrim's channel port headquarters in Cremona, wanted and built by Bonifiche Ferraresi and Ocrim has been operating since 2021. The objective of the Milling Hub is to strengthen the Italian agri-food chain, affording food industries without their own milling plants, the opportunity to have a customised plant and all the technical and technological skills of Ocrim's experts available. Guaranteeing them a traceable and certified product, thanks to a thorough control by the agri-food supply chain, The Italian Agri-Food Chain Choice, founded by Ocrim together with Bonifiche Ferraresi and other important Italian Companies.

## MILLING HUB



# END-OF-LINE

Ocrim-FBC is the result of a “business unit”, established in 2017, which is the essence of the values of experience, know-how, quality and longstanding tradition of Ocrim and FBC, legendary company from Medesano (Parma, Italy), specialised in the end-of-line sector and in palletising.

The Ocrim-FBC department manufactures end-of-line, palletising, bag packaging and other packaging systems, supplied turnkey and customised according to individual customer needs. Dynamic support for simple and intuitive use of state-of-the-art, high-tech industrial plants is guaranteed.



# DESIGN E MANUFACTURE

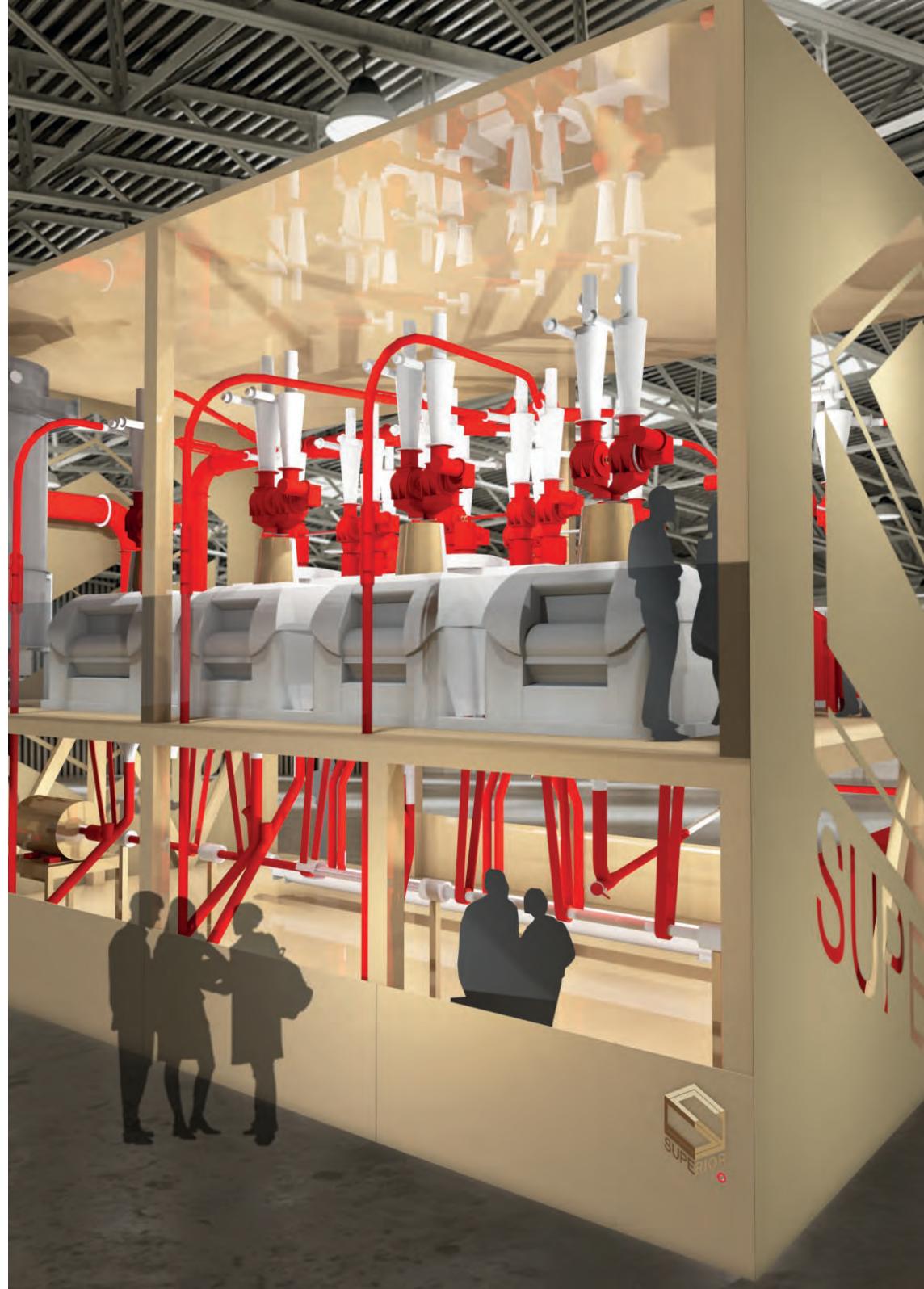
Ocrim supplies are the tangible result of accurate studies carried out by the Research & Development department combined with the skills and experience of the workers working in the company's production departments. The analysis and, subsequently, the choice of innovative materials allow Ocrim to manufacture exclusive OcriMade branded machinery and accessories. Care for detail is also certified by the unique design that distinguishes the aspect and shape of Ocrim machines: the engineering and technical structure used to design the machines is conveyed and related through images.



# SUPERIOR



Is the customisable compact mill, strategic and smart investment. Offering safe and versatile production solutions, for an excellent final product. Superior requires only an industrial warehouse, minimising investment costs and red tape related to buildings and urban development works. It is an energy efficient plant, with very low production and management costs. The Superior, at the moment, provides plants to process wheat, durum and corn for the production of different products.



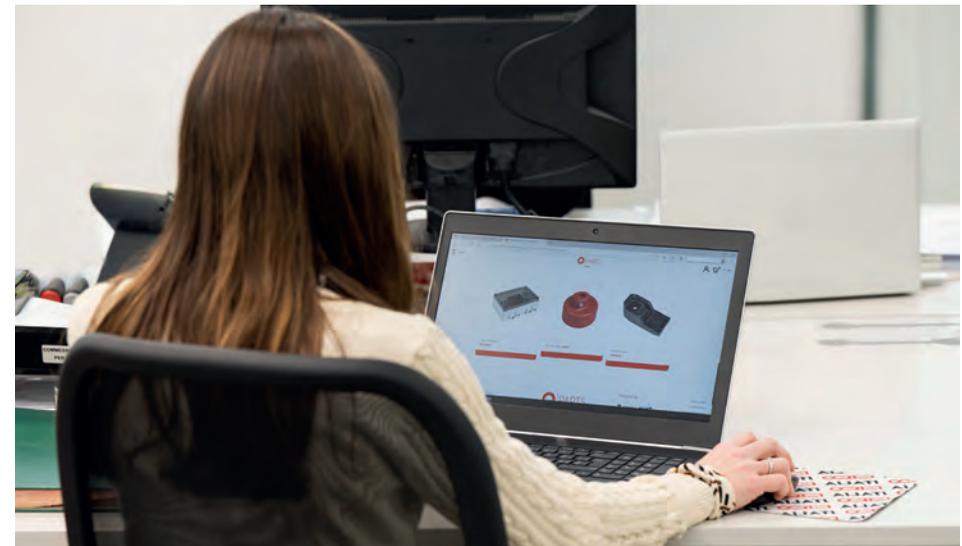
# CUSTOMER SERVICE-SPARE PARTS

Ocrim's Customer Service guarantees direct assistance on-site and remotely, as well as preventive maintenance programs to always assure clients with a fully operational system. Ocrim offers a customised spare parts service for each customer by means of a dynamic team that is familiar with the needs of their interlocutors. Constantly updated as regards new applicable technologies, the department is able to ensure every customer immediate assistance and quick supply of spare parts.



It is the new e-commerce spare parts portal for milling and end-of-line plants, established by Ocrim allowing customers to quickly, easily and safely purchase spare parts 24/7. My-area section of the portal allows users to view their own catalogues to quickly identify and order the spare parts for their machines. By visiting the website [www.oparts-shop.com](http://www.oparts-shop.com), you can register and access the platform for spare parts for milling plants, palletising and end-of-line systems and branded accessories.

*Oparts: Ocrim's world is just a click away.*





## THE MILLING TECHNOLOGY SCHOOL

Ocrim has always considered training to be a key element for every real, concrete and functional project. Founded in 1965, Ocrim's Milling Technology School is constantly updated in order to meet any training requests. Theoretical and practical courses are provided and, each year, the school has students from all over the world. It is equipped with a pilot mill with the capacity of 22tons per day and a laboratory, useful for putting into practice what is learnt theoretically. The training courses are tailor-made according to individual needs and are also supported and completed with the use of Immersive Reality. The Milling Hub Masterclass, set up at the same Milling Hub, is geared to providing and increasingly innovative and specialised stamp to the courses. Only technicians with a certain experience have access to the Masterclass. Course entry is reserved, to guarantee the high training profile. Cutting edge training, for complete training cycles, which range from the knowledge of seeds right through to marketing the finished products, while also learning the processing cycles of cereals and legumes.



# hO - WELCOME TO OCRIM

Ocrim's new vision of hospitality: hO, a residence located in the heart of the historic centre of Cremona where company guests are welcomed to stay in a place that brings together the contents and soul of the company.

## HO - IN THE WORLD

In line with the concept of hospitality of the Cremona hO, Ocrim created areas intended for business meeting and the permanence of its customers and friends in certain cities worldwide. The aim is to facilitate and simplify secondment and to create increasingly usable and easily accessible reference points for those who intend meeting the Ocrim team and spending some pleasurable and convivial hours.

"Ocrim's welcome is just a few steps away".



# MUSEUM - OCRIM CORE MUSEUM

Established in 2013 and extended and renovated over the years, the museum is designed to express the company's soul and the driving contents that have led the company to conceive Innovation and Tradition as true characters of their work and success.

The museum has three rooms, each with its own narration: the first room has anthropological content, as the works and images we see illustrate the man-machine relationship experienced over time; the second room contains both historical and current photographs, emphasising Ocrim's industrial evolution, from its conception to present day; the third room hosts Italian industry excellences in general, exhibiting what it was - and what it still is today - icons that have made it famous and incomparable throughout the world.



# CONFERENCE ROOM

A place for meetings, discussions and conventions. Made up of pictures and furniture that simultaneously evoke both ancient and modern contents, it features state-of-the-art equipment and devices that make it possible to create the right condition for any media requirement, from the simplest to the most complex one.

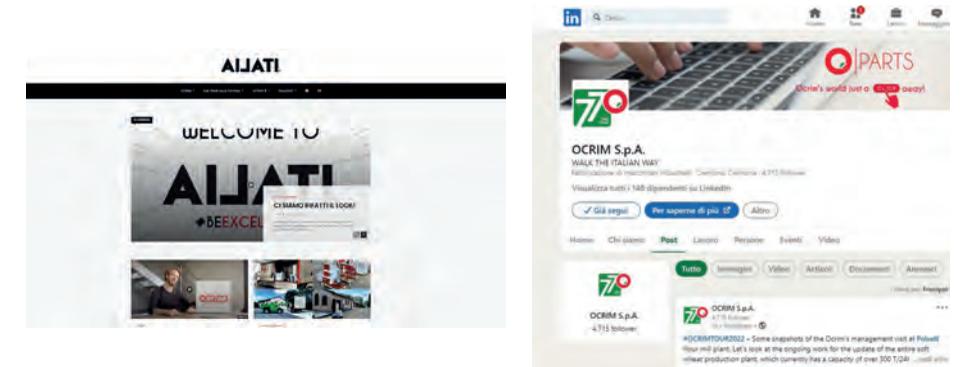


# COMMUNICATION AND COMPANY IMAGE

During the year, Ocrim expresses its content and novelties through the publication of advertising images and technical and commercial articles in leading national and international magazines of the sector. The newsletters, OcrimNews, are addressed to all Ocrim followers, reporting company achievements and initiatives.

High visibility is also given by the LinkedIn, Ocrim S.p.A. | LinkedIn profile and websites: an institutional one, [www.ocrim.com](http://www.ocrim.com); and one dedicated to the Superior compact mill, [www.ocrimsuperior.com](http://www.ocrimsuperior.com); one dedicated to the blog, [www.ai-lati.com](http://www.ai-lati.com), desired by Ocrim to serve as a container for information for the entire The Italian Agri-Food Chain Choice, thus also for the associated companies.

In addition, Ocrim is considered an attentive and present partner not only due to its constant presence at both national and international trade exhibitions and congresses, but also thanks to its media initiatives such as webinars and on-demand meetings, designed and organised to update its audience regarding news and business plans through a discussion with Ocrim experts in real time.

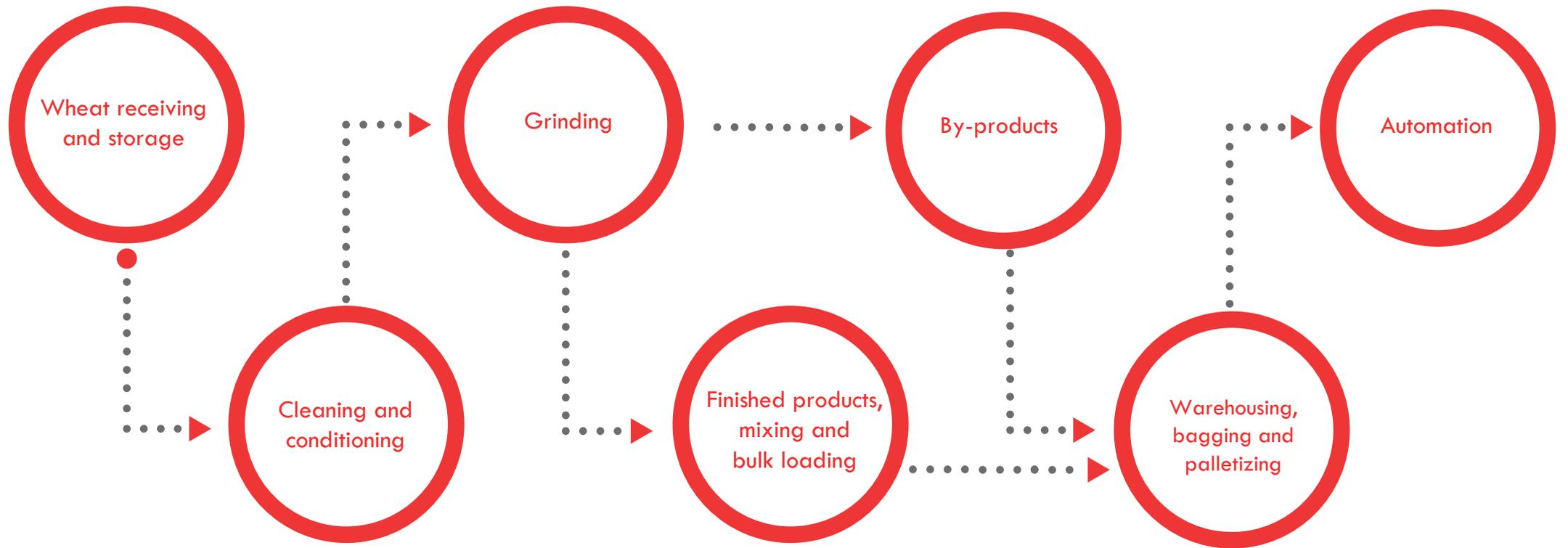


# OPEN DAY - WHEAT, FLOUR AND... GRANO FARINA E...

It is the most awaited appointment by customers and the Company Team itself. It is the event that brings together moments of a technical, commercial, professional and convivial nature. Founded in 2011, it has become a true and tangible company icon.



**E**XPLORE  
THE **O**CRIM ENGINEERING  
FOR WHEAT AND CORN



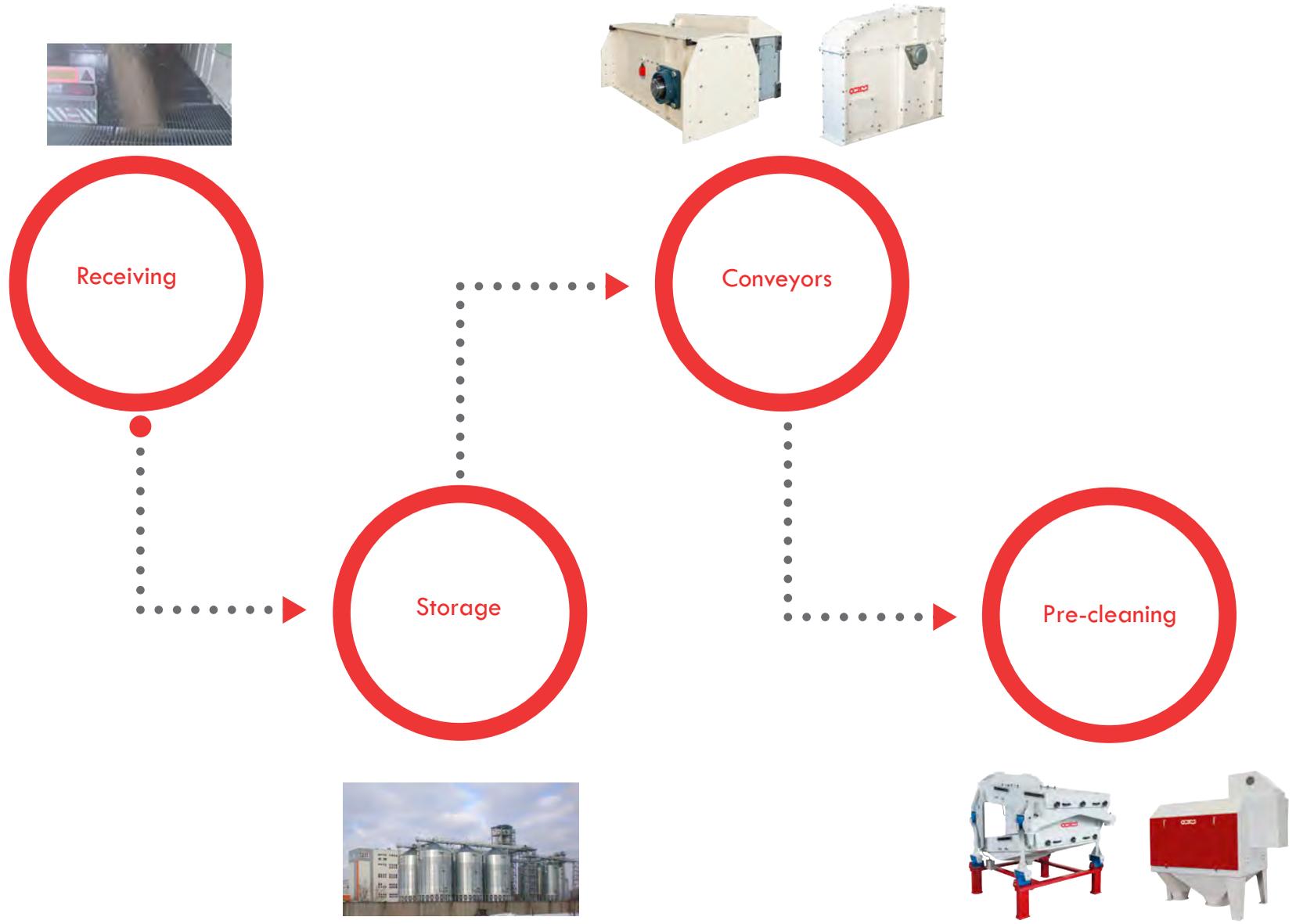


## WHEAT RECEIVING AND STORAGE

Upon reaching the milling plant, wheat is poured from the trucks or trains through special reception pits, to be then transferred to the wheat storage cells.

The cereal transport devices work with very high capacities, just like the pre-cleaning of the cereal itself, using machines designed to eliminate the largest impurities.

Once selected in the relative cells and pre-cleaned, the cereal waits to be sent to cleaning in order to start the actual processing process.





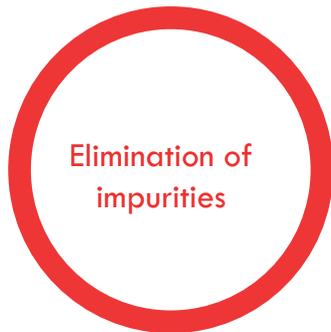
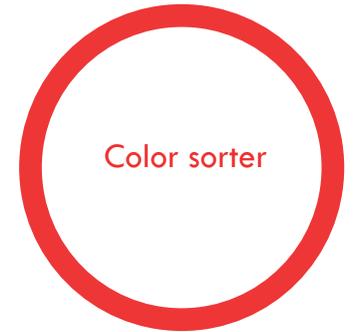
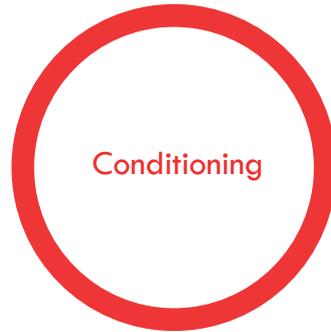
## CLEANING AND CONDITIONING

The product fed into cleaning is mixed with other grains and then, after being weighed, passes through a series of machines that have the task of eliminating all grain impurities (foreign seeds, stones, fine and large parts, etc.).

It is then soaked and conditioned in order to reach the correct level of humidity for the following processing step: grinding. Before this, depending on whether it is soft or hard wheat, it is brushed to remove the most polluted or decorticated cortical parts in order to improve the efficiency in yield in the case of durum wheat.

In addition, optical selection of the cereal is also currently provided to ensure that it is ground with a perfectly healthy cereal.





Dosing / Mixing

Conditioning

Color sorter

Elimination of  
impurities

Peeler /  
Debranning

# GRINDING

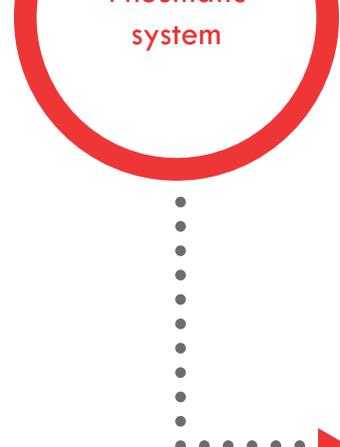
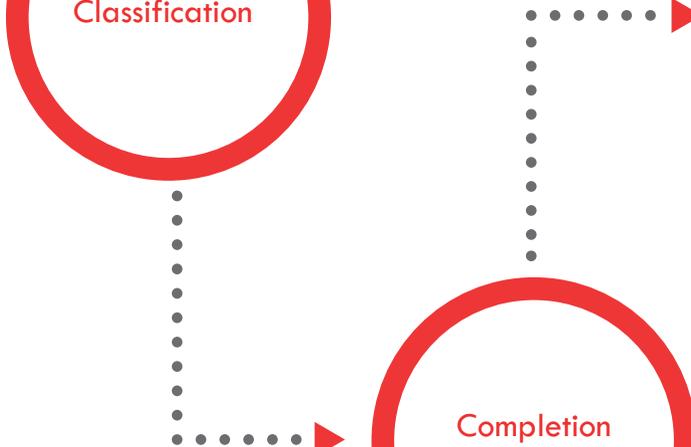
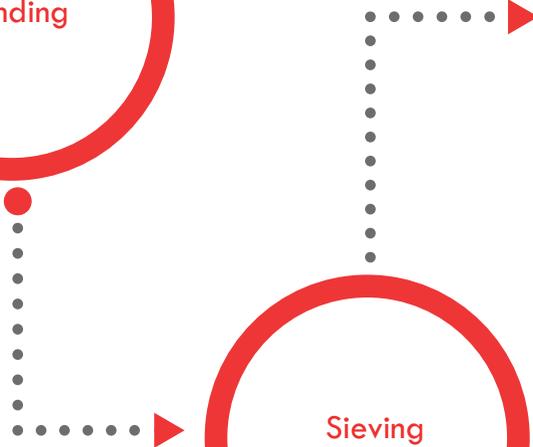
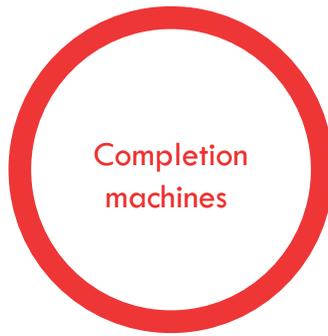
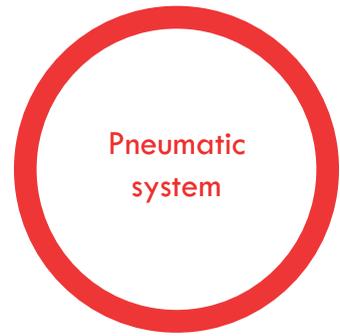


After being weighed again, the wheat goes into the grinding section, which is the core of the mill.

Here, through various passages and machines, it is crushed and worked through completion machines, as well as transported, in order to obtain the best flour yield with a perfect diversification between flour and by-products.

Before being sent to the final processing area, the finished products are weighed and the flour and semolina are sieved and disinfected beforehand.

Despite using the same machines, soft and hard wheat have different processing methods.



# FINISHED PRODUCTS, MIXING AND BULK LOADING

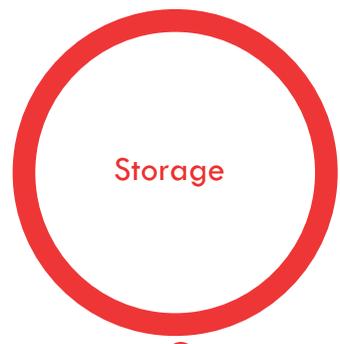


The flours are sent to storage and then start the final processing cycle.

The flours are mixed together evenly, same production batch, in order to have a product that is as homogenous as possible.

Lastly, they are transferred to the mixing area, which may be in batches or continuously, and with or without additives.

Major factors are transport and extraction, which must be as independent as possible in order to prevent product pollution.



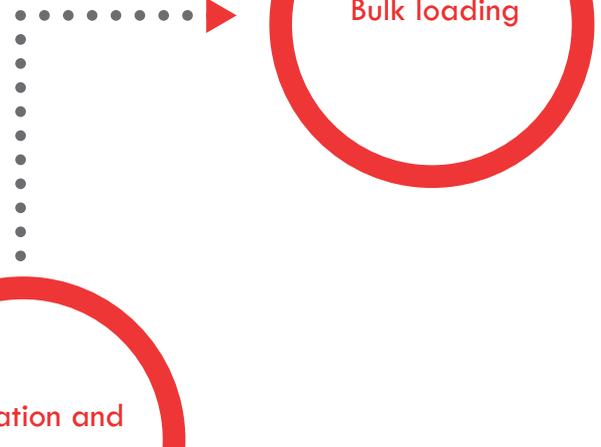
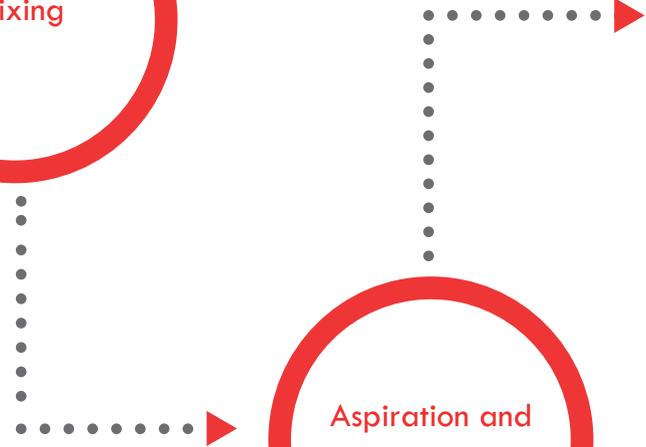
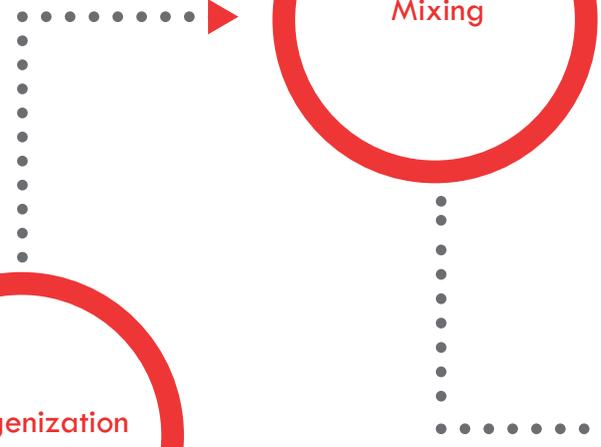
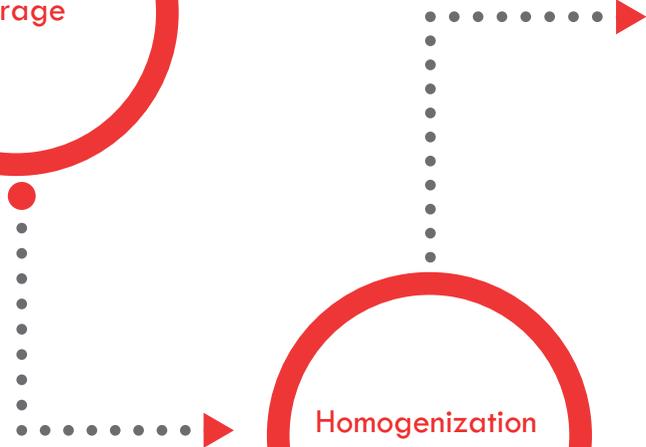
Storage

Mixing

Bulk loading

Homogenization

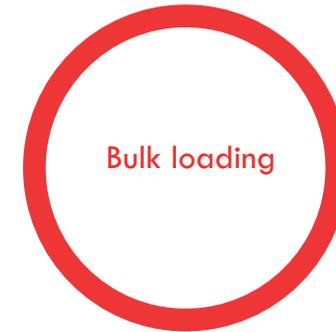
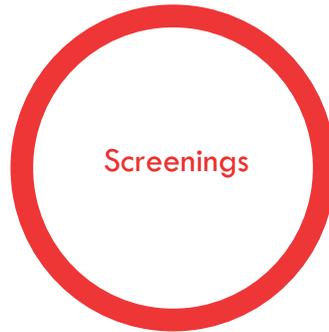
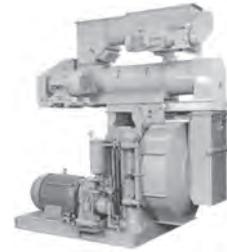
Aspiration and conveyors



# BY-PRODUCTS



On the other hand, by-products are more rapidly managed, a process which is however definitely more complex. Here, an important element is managing cleaning waste, which is treated and processed and then dosed into various by-products that can be sold in bulk or diced.



Storage and  
extraction

Pelletizing

Screenings

Bulk loading

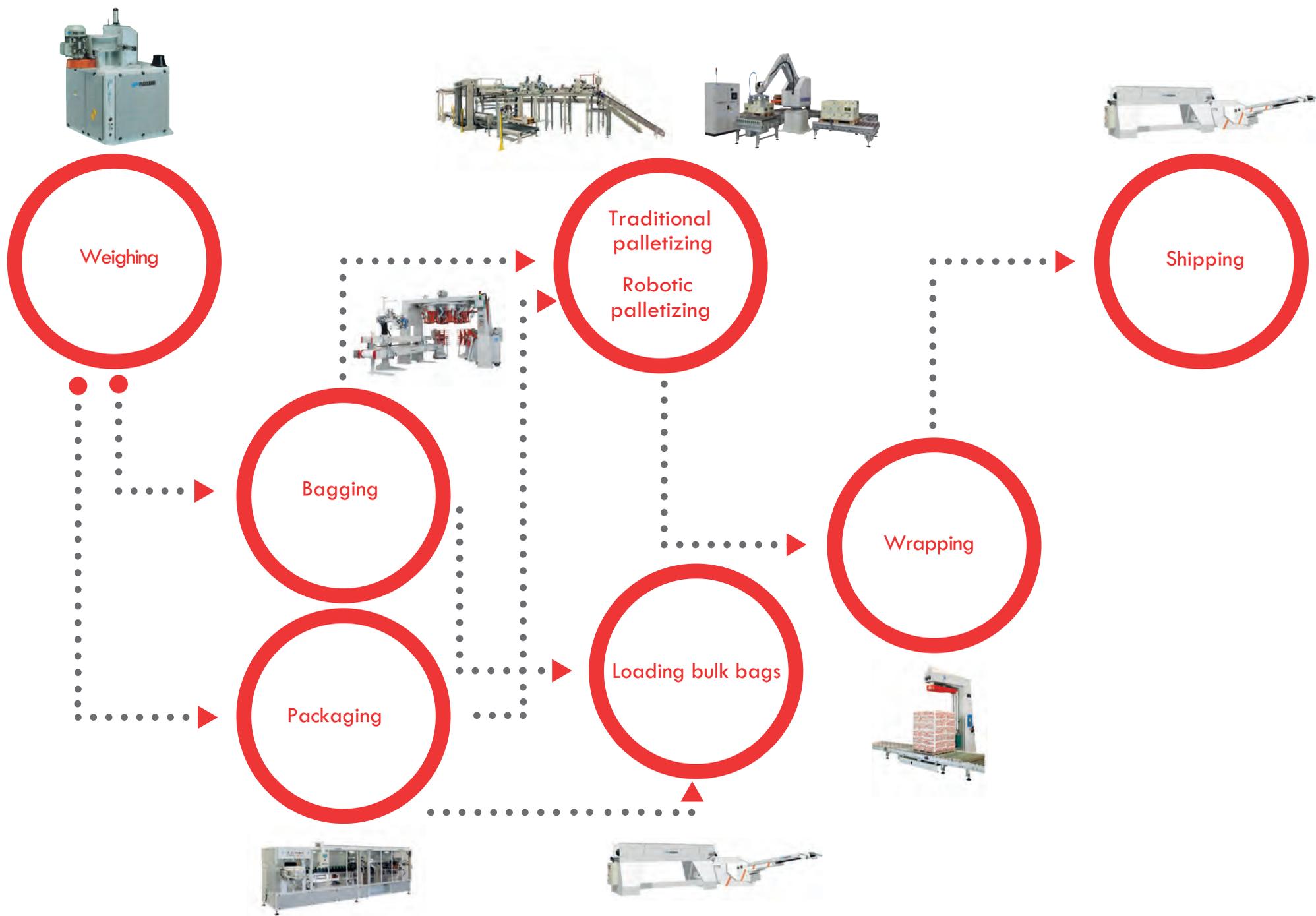
# WAREHOUSING, BAGGING, AND PALLETIZING



All various finished products can be bagged, packed and palletized.

Once weighed, they usually enter the bagging area and are packed in 5 to 40 kg bags, or 200g to 2kg packages, then stacked and palletized.

Once this has been completed, all bags are conveyed by special belts to vertical and horizontal warehouse on standby for shipping.



# AUTOMATION



The automation system branded @mill, created as a result of an internal project is always in constant evolution.

Containing numerous applicable packages, designed and built to improve and simplify the work activities of those who experience the mill, for example the innovative @rollermills, which allows you to control the roller mills remotely via tablet.



# CORN



There are three main corn processing options to obtain various products:

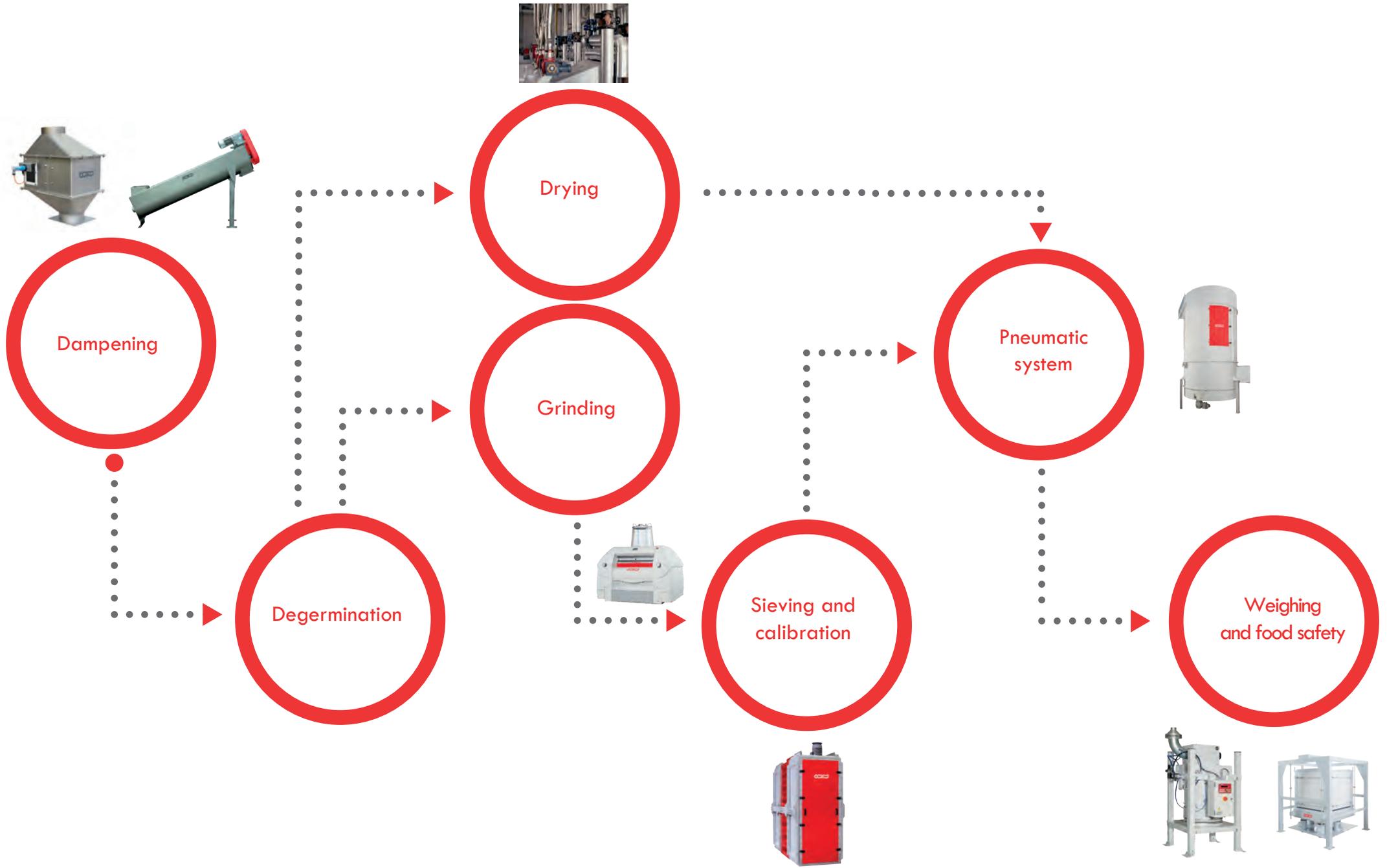
- dry processing: a process suitable for the production of polenta flour or beer gritz with a high amount of germ;
- semi-wet processing: a process suitable for the production of polenta flour or beer gritz with a high amount of germ, but without using densimetric tables;
- wet processing: a process suitable for production of spelt strips, hominy gritz and pre-cooked flours.

The products deriving from corn processing are: semolina and pre-cooked flours for polenta and arepa; semolina for snack foods; beer gritz; gritz for corn flakes; germ for oil; various flours for bread, biscuits, pasta, couscous, and much more.



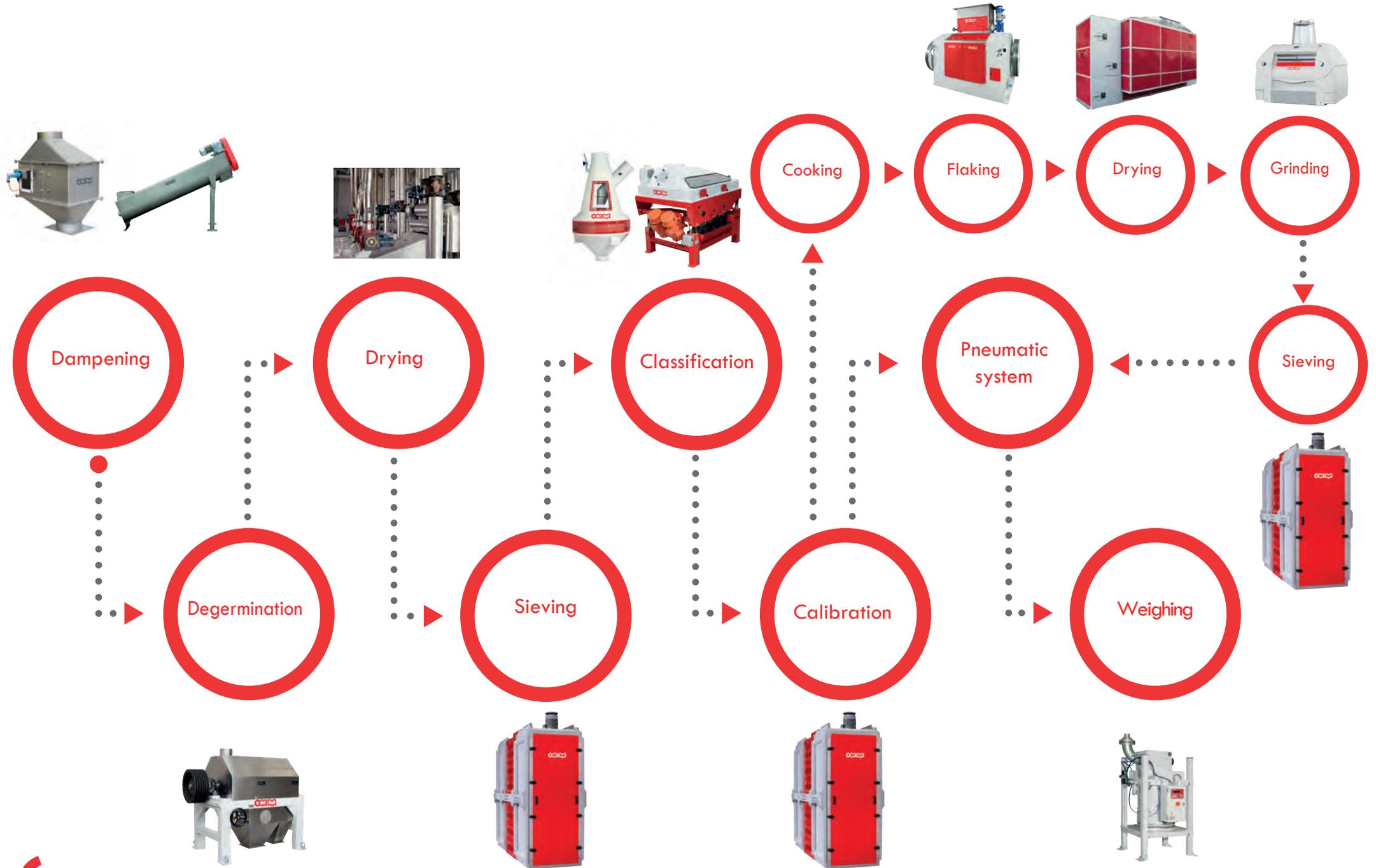
# CORN / DRY DEGERMINATION





# CORN / SEMI-WET DEGERMINATION





# CORN / WET DEGERMINATION





OCRIM S.p.A. - Via Massarotti, 76 - 26100 Cremona (Italy)  
Contacts: Tel. +39 0372 4011 - e-mail: [info@ocrim.com](mailto:info@ocrim.com)



[www.ocrim.com](http://www.ocrim.com)