

YOUR IDEAS, OUR CHALLENGES

The challenges our clients encounter every day are our challenges too. This is why Concetti has been producing customised automatic packaging solutions since 1975, allowing manufacturers to avail of concrete experience in the packaging of the most difficult materials.

Our expertise and passion “envelop” clients’ ideas, giving them form and dynamism, with machinery for weighing, bagging and palletising as well as reliable and durable complete lines which are technologically superior to the standard product.

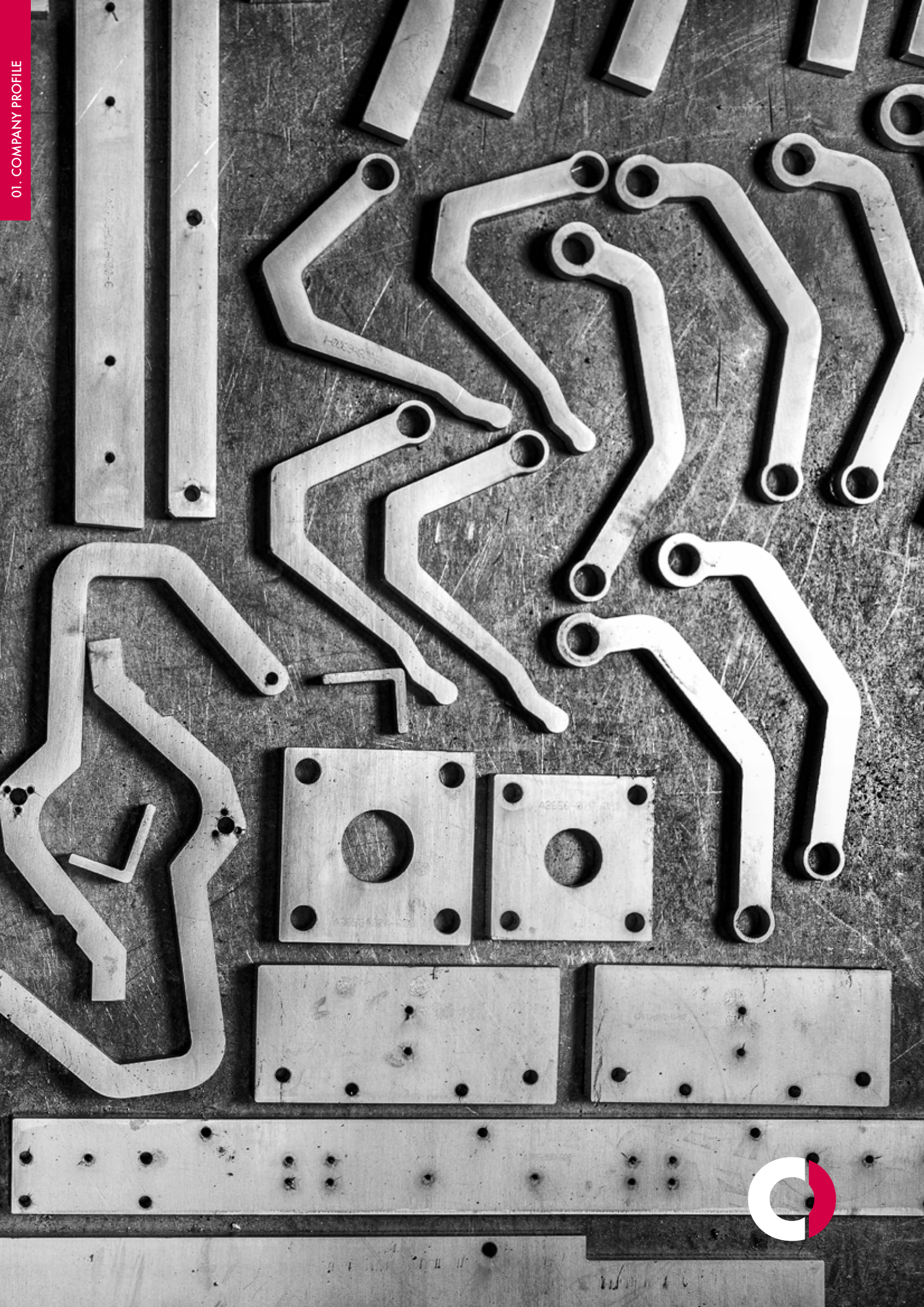
We have been in the mechanical sector since 1918, when the head of the family, Domenico Concetti, opened a craft workshop in the Umbrian countryside, in central Italy, and began to produce agricultural equipment. It is in traditional know-how that our philosophy has its roots: a concept of industry which aims for innovation and research, flexible and able to respond to the demands of a competitive and evolved market.

All phases of design, development and production are carried out in a single site in Umbria, under the watchful eye of our engineers. Every packaging solution is unique and customised, arising from a close collaboration with the client. Because our expertise is dedicated to improving your work.

We provide support and assistance throughout the entire machinery life cycle, through our guaranteed prompt and professional technical and post-sales teams.

Concetti North America Corp. was born in 2012 as a point of reference for our clients in the United States, with its headquarters located in Georgia.

From multinationals to small enterprises: over 2000 Concetti systems have been installed all over the world, with 40% of them bought by a loyal customer base.



EMBRACING YOUR IDEA



Vision statement

Transforming your challenges into sustainable and advanced packaging solutions.

Activity

We put our passion into developing a wide range of high-quality systems for weighing, bagging and palletising loose, solid products for the international market. Complete, made-to-measure machinery and lines for packaging: reliable, durable, and technologically superior to the standard product.

Attributes

Reliability and excellence: from craftsmanship to industrial technology.

Attentiveness and care: our expertise to improve your work.

Ethics and sustainability: from the wellbeing of people to the development of the territory.

WE WELCOME YOUR CHALLENGES

Research and development combined with experience
to put forward innovative, customised solutions
for the packaging of even the most complex materials



Project Management

01.

PRODUCT ANALYSIS AND TESTING

An entire section of our plant is given over to the theoretical and practical testing of weighing, bag filling, sealing and palletising. We start by thoroughly checking the customer's requirements. Product samples and safety data are analysed. We examine the physical aspects and the flow characteristics so that the very best solution is proposed.

02.

PROJECT ENGINEERING AND CUSTOM-FIT DESIGN

Concetti have the experience to find the optimum system configuration and the right type and size of bag. For every enquiry, we prepare a clear and comprehensive proposal with fully dimensioned layout drawings. The system is discussed in detail with the client during site visits and on larger projects, if we are successful, a launch meeting finalises any outstanding issues.

03.

IN-HOUSE MANUFACTURING AND INDUSTRY 4.0

Design and production are fully computerised. The latest 3D CAD systems enable the functionality of new designs to be tested even before production begins. Modern laser cutting technology is used for precise manufacturing of parts large and small. Parts ordering, stock picking and scheduling are all automated. This integrated manufacturing gives us total control over the quality of our products.

04.

F.A.T.

The factory acceptance test (FAT) is the customer's opportunity to check that the system operates to the specification. We assemble and wire the complete line and test run it with the client's own products, bags and pallets. By attending these tests the customer has the confidence of knowing that any minor issues are dealt with well in advance of delivery.

05.

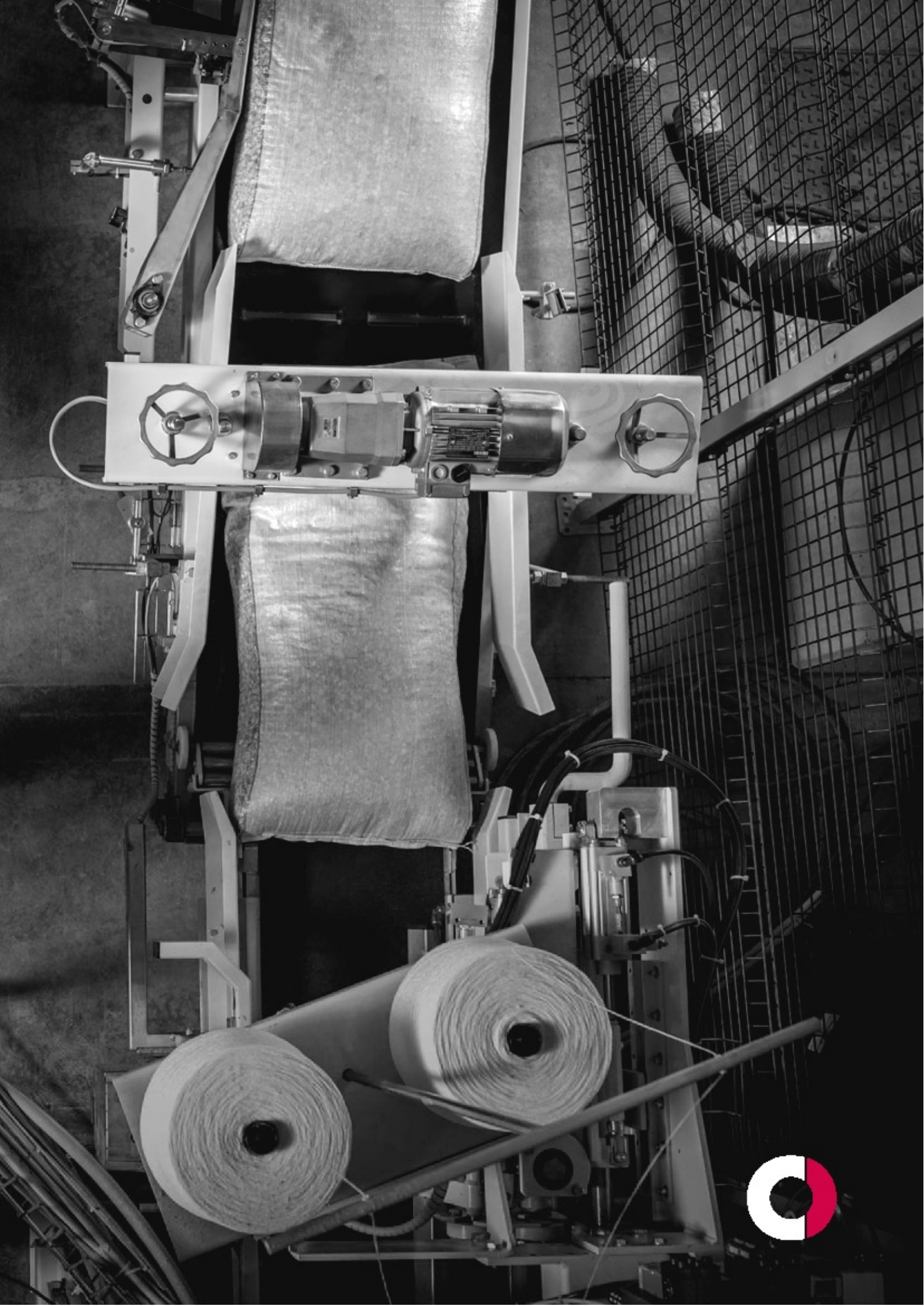
INSTALLATION AND TRAINING

The Concetti installation and commissioning supervisor will be an experienced multi-lingual engineer fully trained in safety procedures. He will ensure a smooth and rapid start-up on site and provide the proper level of training to the customer's maintenance and operating staff.



WE PRODUCE WHAT WE PROMISE

Meticulous approach in the design phase and solutions of proven feasibility,
for productions with superior quality components and lines



GROSS/CC

DOUBLE SCREW FEEDING

Designed for non-free flowing, aerated and/or fluidised powders, ideal for both industrial food and chemical applications. Here integrated with semi-automatic open-mouth bag filling and sewing line.

Capacity

up to 300 bags /hr.



- The product is weighed inside the bag as it is being filled.
- Different feeding systems are available depending on the type of product to be handled.

GROSS/N

BELT FEEDING

Designed for products with medium flow characteristics, particularly pellets, granules and flakes such as animal feed and pet food. Integrated with semi-automatic open-mouth bag filling and closing machines.

Capacity

up to 350 bags /hr.



NET/N-CC

DOUBLE FEEDING SYSTEM BELT AND SCREW FEEDERS



Capacity

up to 900 weighments /hr
for belt feeding system.

800 weighments /hr
for double screw feeding
system.



*Accuracy - constructed
in accordance to the
OIML recommendation
and the MID European
directive.*



NET/CC

DOUBLE SCREW FEEDING

Capacity

up to 800 weighments /hr.

- *Flexibility - weighing range from 10 to 50 kg.*
- *Easy cleaning - wide cleaning doors, quick release components and, as an option, automatic cleaning system with air or water nozzles.*



NET/G

GRAVITY FEEDING

Optional
Dosing gate is driven
by brushless motor.

Capacity

up to 2,000 weighments /hr.



NET/N

BELT FEEDING

Capacity

up to 900 weighments /hr.

NET B/G

WEIGHING AND FILLING STATION FOR GRANULAR PRODUCTS



Special model for fertiliser. Net weighing and filling station for single loop bulk bag. Contact parts only or the entire system in stainless steel.

High productivity
up to 170 BB/hr.



- *Automatic height regulation system*
- *Optional features*
Automatic tying system, automatic or semi-automatic welding



GROSS B/C

WEIGHING AND FILLING STATION
WITH SCREW FEEDER FOR DAIRY PRODUCTS

Contact parts in stainless steel.
Fast and easy cleaning.

Capacity
up to 10 BB/hr.



NET B/G

WEIGHING AND FILLING STATION WITH GRAVITY
FEEDER FOR FREE FLOWING PRODUCTS

Features include single stacking
or double stacking bulk bags
on a pallet.

High speed with capacity
up to 60 BB/hr (1,500 kg).



GROSS B/G

WEIGHING AND FILLING
STATION WITH GRAVITY FEED
FOR BULK BAGS AND OCTABINS

Suitable for various sized
octabins.

Capacity
up to 30 units/hr.

Fully automatic high-performance bagging system equipped with two bagging spouts. Suitable for small-sized (0,3-10 kg) open-mouth paper, coated paper, PE and aluminium gusseted bags.

Capacity
up to 2,400 bags/hr.



Optional:
Modified atmosphere packaging

IMF

Fully automatic high-performance bagging system equipped with two bagging spouts. Suitable for medium-sized (2-20 kg) open-mouth, flat or gusseted, paper, coated paper, PE and aluminum bags.

Capacity
up to 1,800 bags/hr.



Fully automatic high-performance bagging system. Designed for virtually any kind of open-mouth bags from 2 to 50 kg: flat or gusseted, paper, coated paper, PE, aluminum, woven-PP bags with or without handles, quad sealed laminated bags with pre-applied zipper, etc.

Capacity

up to 1,200 bags/hr.



All machines can be equipped with a variety of bag closing devices including simple sewing, fold-over and sewing, sewing with crepe paper, heat-sealing, PE through paper heat-sealing, and glue activated pinch-sealing.

IGF AERATED CHEMICAL POWDERS AND FLOUR

Designed for aerated and powder products in open-mouth bags from 5 to 50 kg. Bag type: flat, gusseted, in paper, coated paper or paper/woven PP with inner liner, PE.

Capacity

up to 500 bags/hr.



For pre-made bags and bags formed from a roll of flat or gusseted tubular PE film. Fully automatic high-performance bagging system fitted with a bag forming station. Suitable for virtually any kind of open-mouth bags from 2 to 50 kg: flat or gusseted, paper, coated paper, PE, aluminum, woven-PP bags with or without handles, quad sealed laminated bags with pre-applied zipper, etc.

Capacity
up to 1,200 bags/hr.



*Flexible and
customised solutions*

*Hygienic design
available*

STARPACK®

High speed automatic line designed for handling bulk products, granules and fine granular, into open mouth bags.

Capacity
up to 1,600 bags/hr.



Perfect for raffia, paper and PE type bags

- Integrated bag closure devices available including sewing and heatsealing
- Capacity range from 10-50 kg
- Automatic bag format change

Starpac® can be fitted with the FFS module designed to handle Tubular PE Film.

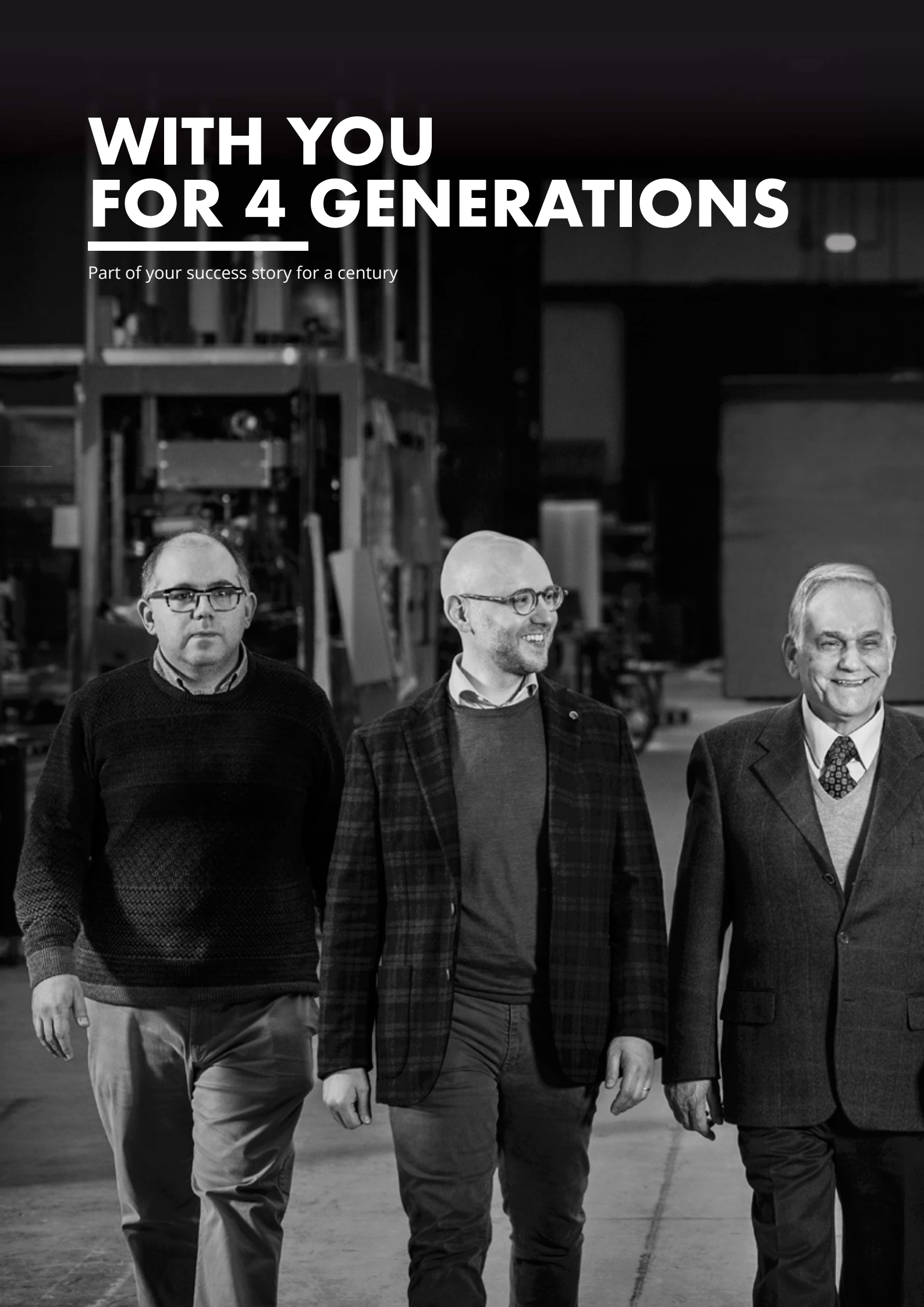


Optional:

Modified atmosphere packaging

WITH YOU FOR 4 GENERATIONS

Part of your success story for a century





COMPLETE PACKAGING LINES



- One unique technology provided for the whole bagging process.
- Work program selection from one single remote control panel – operates the complete line.
- Automatic program change in 60 seconds - changes the complete packaging line from one operating program to another.
- Supervising systems implementation for the whole bagging plant.
- Optional integrated equipment - "print and apply" label applicators, ink-jet printers, encoders, metal detectors, check weighing systems, out of range bag marking and reject devices, etc.
- Integrated end-of-line equipment – Stretch wrapping systems and pallet stretch hooding systems.
- Safety fencing with protection devices compliant with current CE regulations.
- Machine design, project management, and manufacturing of complete packaging systems for ATEX and HL coded areas.
- Hygienic design.
- Production management software.



INDUSTRY 4.0 READY



**AUTOMATIC PROGRAM CHANGE
IN 60 SECONDS**



FFS-E FOR FREE-FLOWING PRODUCTS



Optional

*anti-corrosive treatment
for maximum lifespan*

Innovative bagging machine that forms, fills and seals 5-50 kg bags from a roll of tubular PE film. Ideal for high speed packaging of free flowing pellet and granular products. Its mono-bloc structure is open on the bottom allowing easy access for cleaning and inspection.

Capacity

up to 2,000 bags/hr.

CONTINUA FFS FOR EXTRA-FINE POWDERS



Continua FFS machine specifically designed for handling fine powders with size range 5-50 kg at bagging speed up to 800 bags/hr.



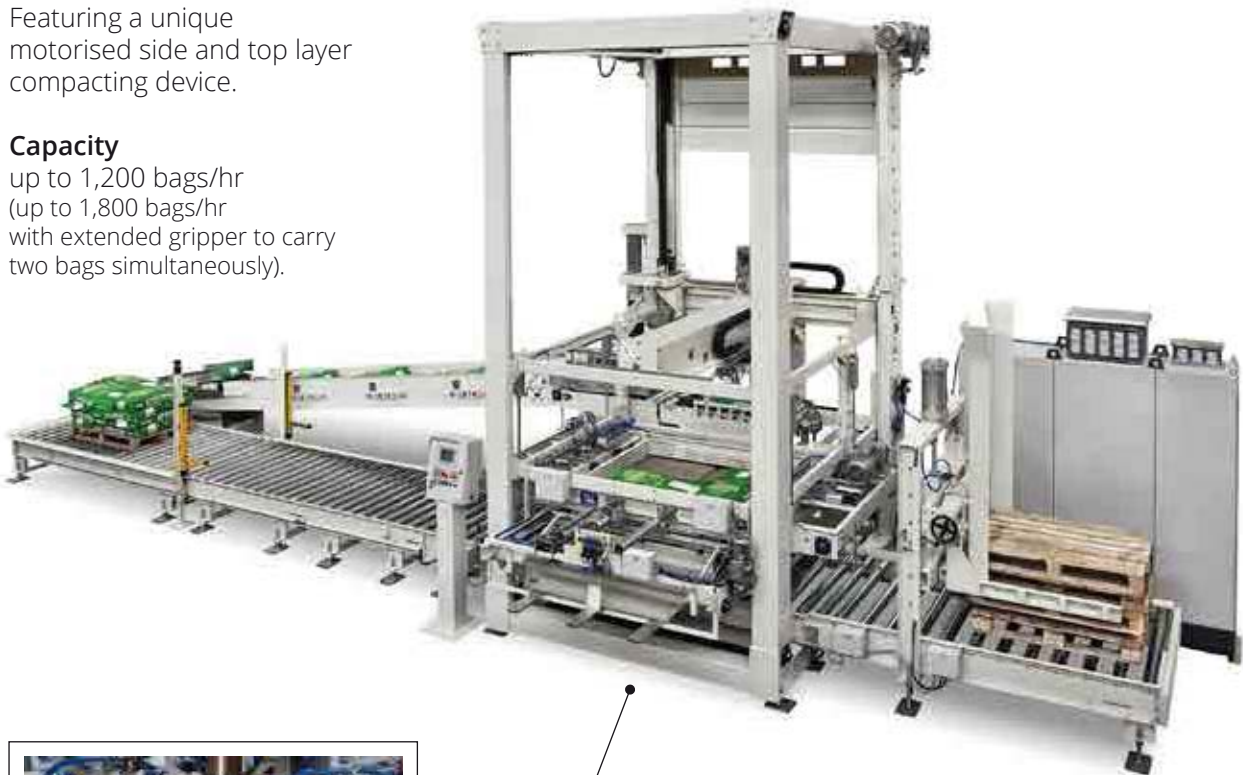
Weather-proof packaging

FOUR-COLUMN ROBOT PALLETISER

Featuring a unique motorised side and top layer compacting device.

Capacity

up to 1,200 bags/hr
(up to 1,800 bags/hr
with extended gripper to carry
two bags simultaneously).



Robot Palletisers



Flexibility is a key characteristic. All models feature a gripper that picks up a single bag and places it at a point on the pallet pre-assigned by the program logic. Designed for different bag types and palletising patterns. Particularly suited to stacking bags containing aerated or unstable products. Perfect for overlapping bags on end or sides.

SINGLE-COLUMN ROBOT PALLETISER



Designed for stand-alone configuration or to be integrated with automatic dispenser of empty pallets and exit roller conveyors.

Capacity
up to 450 bags/hr.

TURN-ARM ROBOT PALLETISER



Rotating and self-adjusting tool for gripping and palletising boxes.

The tool can be equipped with suction cups for handling interlayer sheets.

TURN-ARM ROBOT PALLETISER 1200

The plant can be configured with on-the-ground pallets or with roller conveyors for moving the empty and full pallets automatically.

Capacity
up to 1,200 bags/hr.



HIGH SPEED TURN-ARM ROBOT PALLETISER

The plant can be configured with on-the-ground pallets or with roller conveyors for moving the empty and full pallets automatically.

Capacity
up to 1,600 bags/hr.



TURN-ARM ROBOT PALLETISER DOUBLE GRIPPER



The plant can be configured with on-the-ground pallet or with roller conveyors for moving the empty and full pallets automatically.

Capacity
up to 1,800 bags/hr
(it varies according to the palletising pattern and gripper type).

GANTRY TYPE PALLETISER



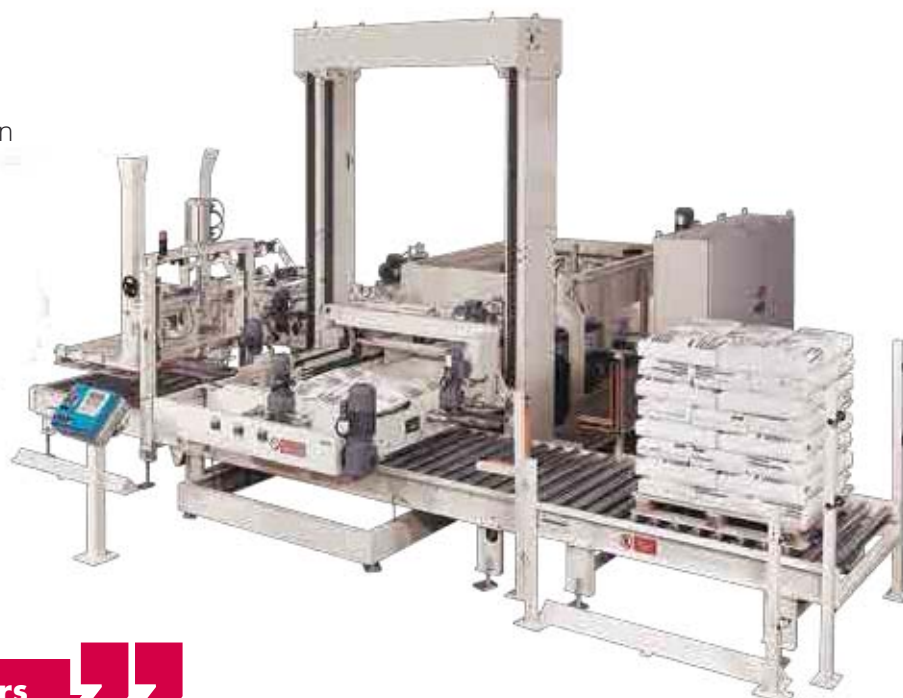
With telescopic bag gripper. Designed for stand-alone configuration or to be integrated with automatic dispenser of empty pallets and exit roller conveyors.

Capacity
up to 600 bags/hr.

LOW LEVEL PUSH-TYPE PALLETISER

Automatic empty pallet magazine. Full pallet evacuation and accumulation roller conveyor. Layer compaction on all four sides.

Capacity
up to 1,000 bags/hr.



Push Type Palletisers

Designed for stacking stable bags with a well defined shape at medium and high speeds. Designed with stripper plates suitable for bag layer preparation, squaring and compression perfect for a high quality stable pallet.



HIGH LEVEL PUSH-TYPE PALLETISER

Automatic empty pallet magazine. Full pallet evacuation and accumulation roller conveyor. Layer compaction on all four sides.

Capacity
up to 2,700 bags/hr.



GANTRY TYPE PALLETISER



Gantry type palletiser with vacuum pick up head for placing 3 to 6 kg bags and shelf ready boxes into a case.

Capacity
up to 1,800 bags/hr.

HIGH LEVEL PUSH-TYPE PALLETISER



Multifunction high level push-type palletiser for bags, bundles, boxes and cardboard boxes with vacuum pick up head for placing 3 to 6 kg bags into a case.

Capacity
up to 2,700 bags/hr.

PROBLEM-FREE START-UP

Full system assembly and functional testing at our plant,
to ensure swift and easy installation



CUSTOMER SERVICE

Customised assistance services for your weighing, bagging and palletising systems. We provide support and assistance throughout the entire machinery life cycle, through our guaranteed prompt and professional technicians. Client satisfaction is of the highest importance to us, and the work we do every day is aimed at ensuring it reaches its fullest potential. Contact us for the assistance which best suits your needs, whether remote or on-site, our post-sales team is at your disposal!



HOT LINE

Specialised support from a team of technicians for remote assistance. 80% of issues are solved remotely, over the telephone, via email, Skype or Whatsapp, or through the teleservice connection with the plant.



ON-SITE ASSISTANCE

Rapid resolution of technical problems thanks to dedicated on-site assistance. We offer tailor-made maintenance packages designed to reduce unexpected plant downtime.



SPARE PARTS

Efficient logistical management with a fully computerised system for spare parts warehouses, allowing us to send the required part within a matter of hours. The post-sales team is always available for a direct consultation.



TRAINING

Our most highly skilled technicians hold training courses for client employees, to enable them to operate the machinery in autonomy. They also provide constant support to the company during the start-up phase.

CONSTANT PRESENCE

Rapid resolution of technical problems
thanks to dedicated remote and on-site servicing



APPLICATIONS



Seed



Food



Feed



Pet Food



**Cement and
Building Materials**



Chemical



Fertiliser



Mineral

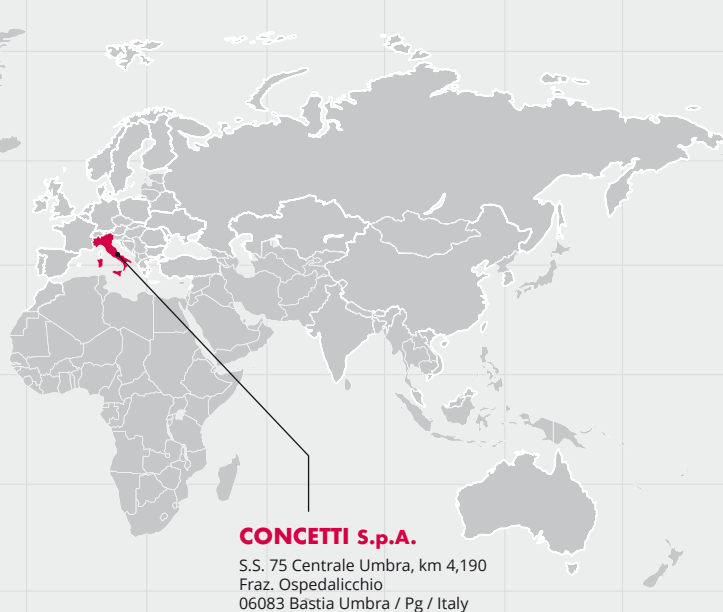
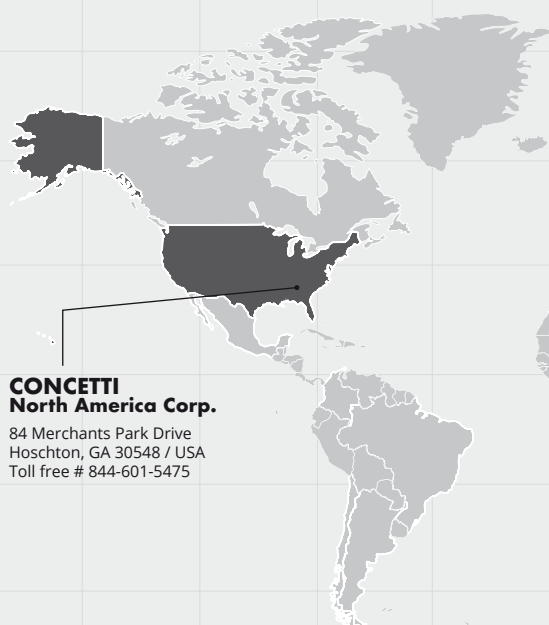


Wood Products

Our starting point is to listen to the client, to be sure of offering the best weighing, bagging and palletising solutions. A thorough understanding of the manufacturer's needs, together with a careful analysis of the product's physical-chemical properties and safety profile, help us to guarantee a high-quality and efficient system configuration, with no surprises. We work with all types of bulk, solid products, from granules to fine powders. Contact us for an individual consultation.

• Chemicals	• Cereals	• Sawdust
• Chemical Powders	• Seed	• Cement
• Fertilisers	• Grass Seed	• Premix Cement
• Plastic Granules	• Salt	• Gravel
• Polymers	• Sugar	• Road Salt
• Pigments	• Food	• Tar
• Feed	• Starch	• Conglomerate
• Pet food	• Spices	• Sand
• Flour	• Wood Pellet	• Minerals

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