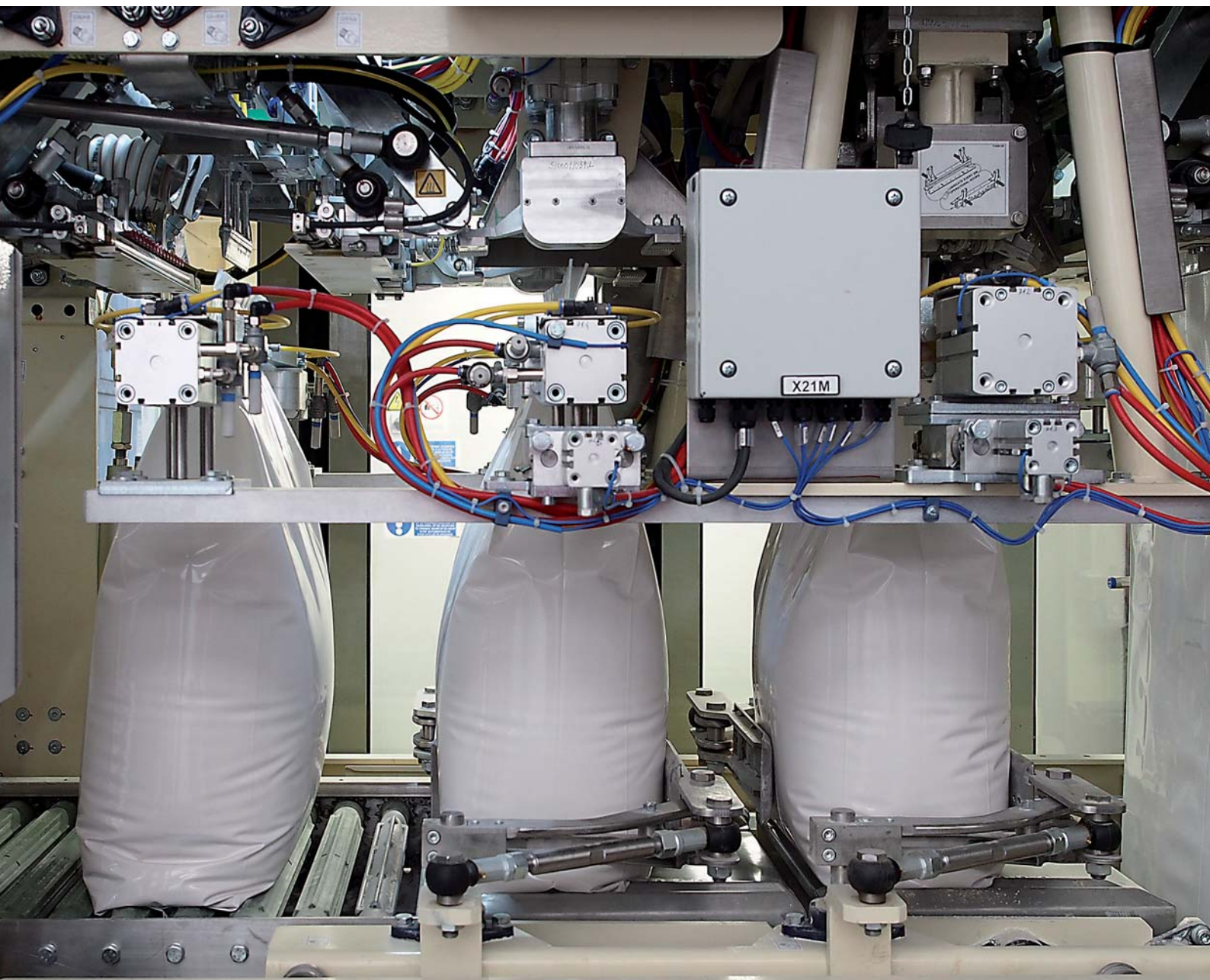
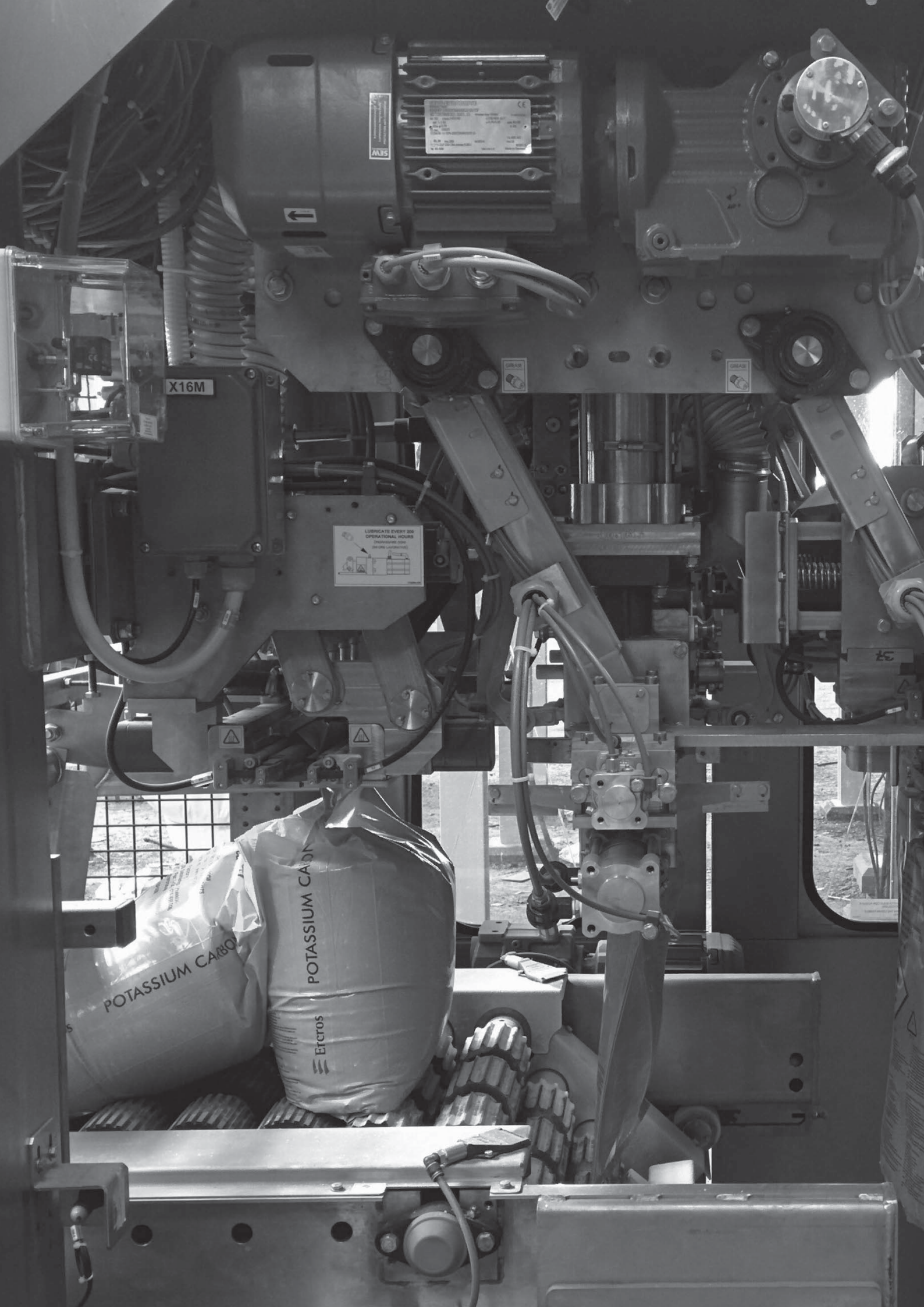


boga
TÉCNICA

Automatic bagging
lines



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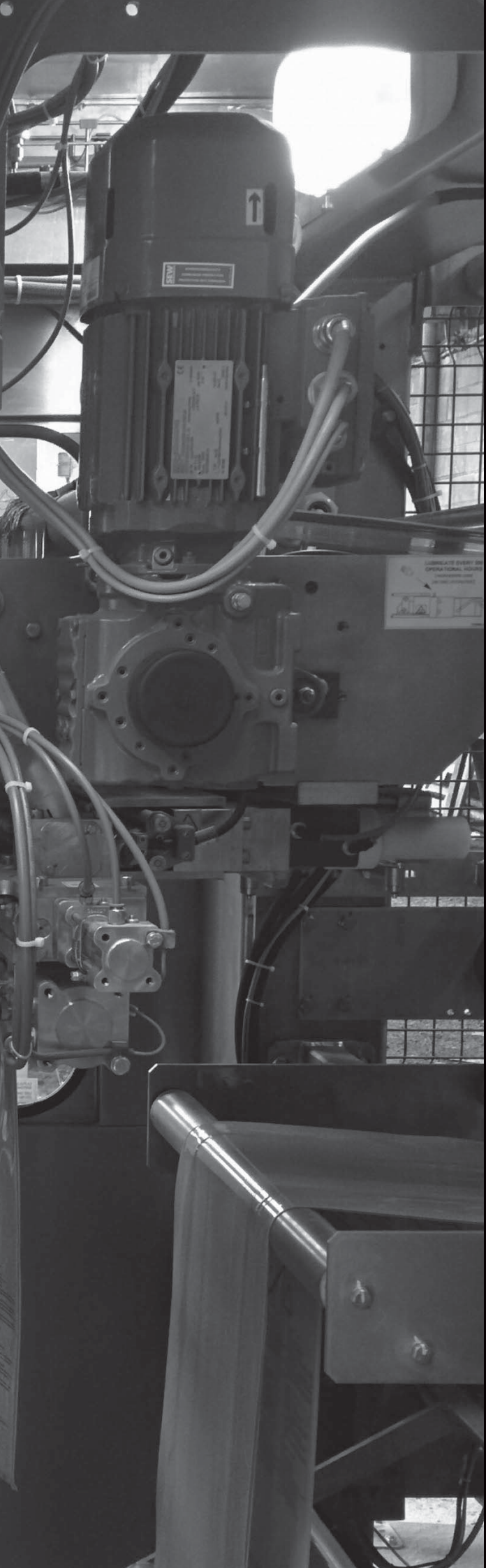
TECHNICAL SPECIFICATIONS
M3S
CE

X16M

LUBRICATE EVERY 200 OPERATIONAL HOURS
TEMPERATURE 20°C
(SEE OIL CAPTION)

POTASSIUM CARBONATE

Etcros



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We work in collaboration with various renowned manufacturers specialising in various packaging and palletising technologies so as to be able to advise our customers and define the most suitable systems to meet their production needs.

We take care of the installation and commissioning of the bagging equipment, as well as its maintenance and updating.

Our references from leading companies in very different sectors ensure the quality of our products and services.





boga



Index

Sectors	8 - 11
Products	12 - 13
Bagging Machines	14 - 15
Flat reel.....	14
Tubular reel.....	14
Open mouth	15
Press	15
Big Bag	15
Palletisers.....	16
Conventional	16
Robotised.....	16
Mixed	16
Protection of Pallets	17
Wrapping machines	17
Sleeving machines	17
Technical Support.....	18

Sectors



Pet-food

The industry producing pet food requires very specific packaging machinery.

For these sectors, the most modern automatic bagging facilities, which work with paper, raffia and polyethylene bags, require the following features: productivity, reliability, traceability, cleanliness, ease and speed when changing format.

Feed, cereals and seeds

Products which, depending on their application, can have various densities and grain sizes. We may find granules and pellets, flours and chunks/cubes.

For these sectors, the most modern automatic bagging facilities, which work with paper, raffia and polyethylene bags, require the following features: productivity, reliability, traceability, cleanliness, ease and speed when changing format.



Biomass

Wood pellets are a fuel from natural products and waste which are used as a source of energy.

Starting from the mass of trunks in the forest and after a process of debarking, chipping, drying, granulating, cooling and sifting, industrial or household wood pellets are manufactured.

Another application of the biomass of wood chip and straw is its use as a bed for animals.

The automation of the lines for reducing wood and the lines for bagging pellets requires robust, reliable machinery to ensure the productivity of the companies in this sector.

Mining

Sector characterised by powdery and abrasive products.

The bagging facilities for this sector should meet the following characteristics:

- High yields with minimum staff.
- Ability to work in aggressive environments.
- Facilities with minimum maintenance.
- Minimum cost of the bag.



Fertilisers, chemical products and salt

Sector characterised by very corrosive and hygroscopic products.

Special treatment is required in stainless steel or epoxy paint cycles with specific electrical protection.

Reliability, productivity and low maintenance are common features.

The facilities can be for pre-formed bags or from an FFS reel, adapting to various production needs.

Ingredients, premixtures and additives

The main requirements for this sector, which works with very powdery products, can be summarised by:

- Reduction in the cross-contamination between products.
- Maximum airtightness to the emission of dust.
- Product de-aerated regardless of its degree of fluidity.
- Perfectly sealed bags.
- Maximum traceability throughout every bagging cycle.

Precision in the weight. Specific adaptations: ATEX, ZIP cleaning, Easy-Clean, mirror polishing of surfaces in contact, etc.



Substrates and fertilisers

The machinery for this sector must meet two primary requirements:

- Multi-product: organic fertilisers, substrates, brown or black peat, pine bark, sand, gravel, decorative stone, ...
- Multi-format: 5 to 120 litres, bags with handles, compressed bags (mini-maxi bales)...

In the case of seasonal products, the bagging lines should be fast, reliable and robust.

Flours

Flour for bakeries and patisserie, etc.

This sector is experiencing a revolution by abandoning the current valve bags for “hermetic” open mouth bags.

The way of working with this product that is characterised by being very powdery, very fluid and with low specific weight can be summarized mainly by:

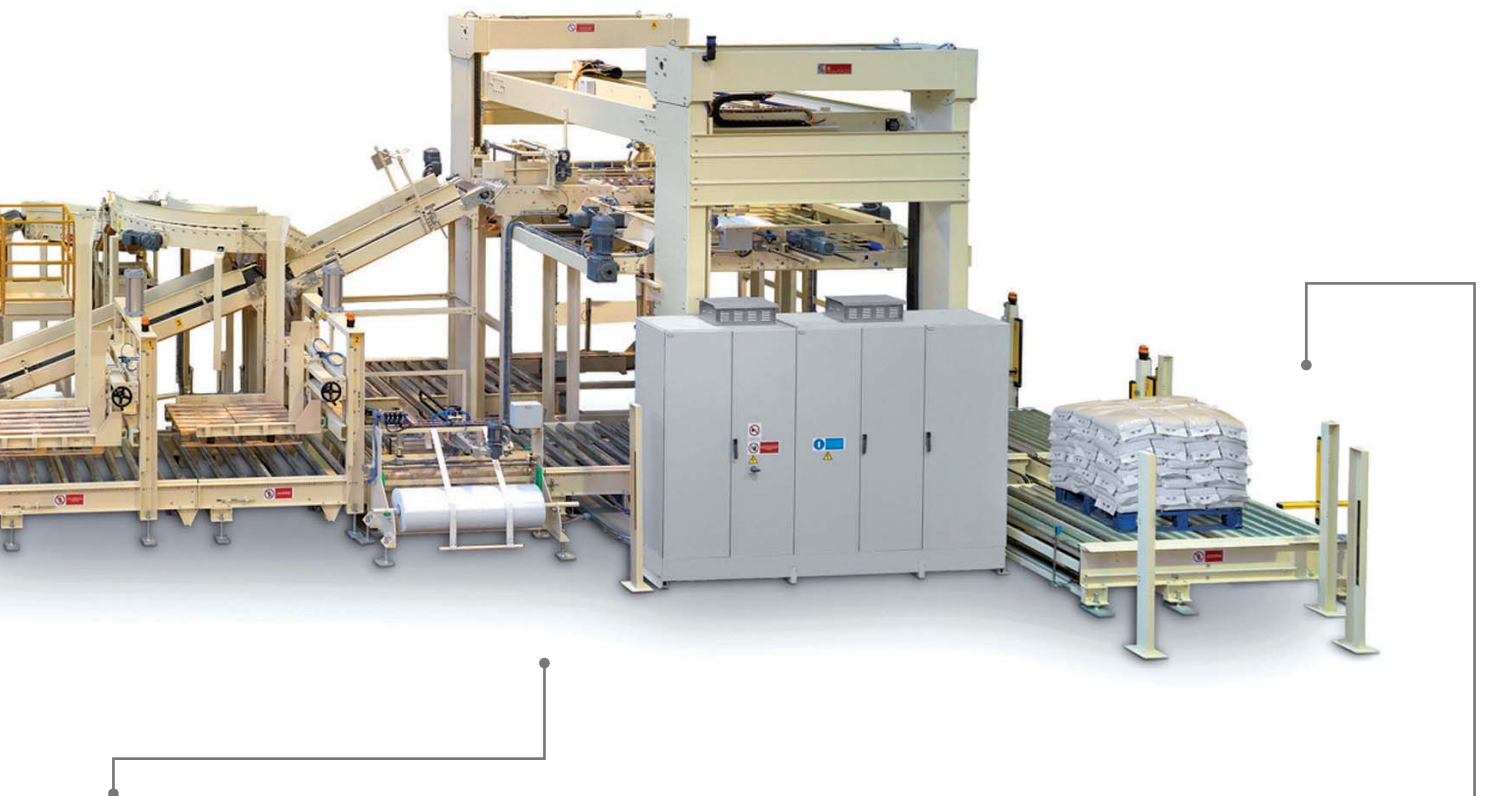
- Forced dosing and filling, with a safe, rapid system that minimises the level of residual air in the product.
- De-aeration of the product by means of a probe or vibration, compaction system to reduce the volume of the product in the bag before closing it.
- Possibility of installing one or more sealing systems.
- Versatility of formats (from 5 up to 50 Kg.)

Products



Bagging Machines

- Flat reel
- Tubular reelr
- Open mouth
- Press
- Big Bag



Palletisers

- Conventional
- Robotised
- Mixed

Protection of Pallets

- Wrapping machines
- Sleeving machines

Flat reel

- Designed for bagging a wide range of products
- Bags made from flat reels
- Foodstuffs bagged at net weight (5 to 50 kg) or volume (5 to 120 litres)
- Excellent yield: up to 2,100 bags/hour depending on the type
- Easy to erect and minimal maintenance costs
- Bags with and without gussets
- Optional specific anti-corrosion protection for aggressive environments



Tubular reel

- Designed for bagging a wide range of products
- Bags made from tubular reels
- Foodstuffs packaged at net weight, gross weight or volume
- Excellent yield: up to 2,600 bags/hour depending on the type
- Robust and compact machinery
- Bags with gussets and corner weld
- Optional specific anti-corrosion protection for aggressive environments



Open-mouth

- Designed for bagging a wide range of products
- Pre-shaped open-mouth bags made of paper, raffia (with or without plastic coating) and polyethylene or co-extruded bags
- Foodstuffs packaged at net weight, gross weight or volume
- Excellent yield: up to 2,400 bags/hour depending on the type
- Robust machinery with easy access for performing maintenance and cleaning tasks
- Different types of sack closures
- Entirely automatic change of programme
- Optional specific anti-corrosion protection for aggressive environments



Press

- Designed for pressing and bagging a wide range of products
- Bales made from flat reels
- Net weight foodstuffs
- Yield: up to 360 bales/hour depending on the type
- Different types of compression depending on the product



Big Bag

- Designed for sacking a wide variety of bulk goods
- 500 and 1,500 kg formats
- Foodstuffs packaged at net weight, gross weight or volume
- Elevated yield: up to 120 Big Bags/hour depending on the type and format
- Robust machinery with easy access for performing maintenance and cleaning tasks
- Optional Big Bag mouth weld and overlapping of three Big Bags on a single pallet



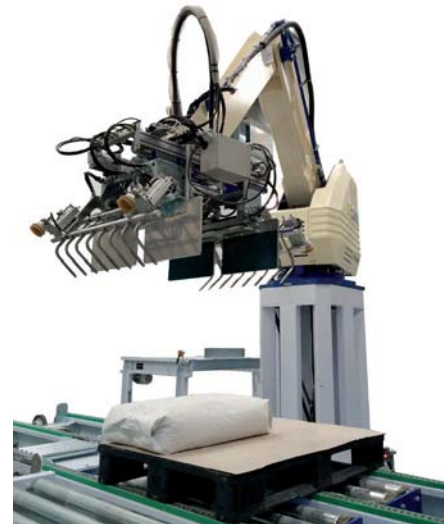
Conventional

- Designed for positioning bags on pallets
- Excellent end result on the pallet due to the four side and front compactors
- Different models available depending on required capacities: up to 2,500 bags/hour
- Optional half-pallet or cardboard/PE sheet on the pallet base
- New pallet mosaics can be easily created
- Minimal maintenance costs



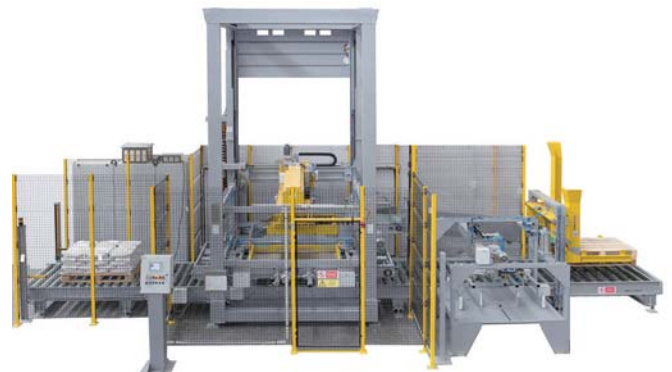
Robotised

- Designed for positioning bags on pallets
- Mechanical or pneumatic heads depending on use
- Different capacities based on single or multiple bag selection: up to 1,200 bags/hour
- Optional half-pallet or cardboard/PE sheet on the pallet base
- New pallet mosaics can be easily created
- Minimal maintenance costs



Mixed

- Designed for positioning bags on pallets
- Excellent end result on the pallet due to the four side and front compactors
- Robotic head with bag overlapping on the pallet
- Different available capacities based on single or multiple bag selection: up to 1,800 bags/hour
- Optional half-pallet or cardboard/PE sheet on the pallet base
- Automatic modification of the palletization programme



Wrapping machines

- Designed in order to stabilise, protect and wrap pallets using extendible film
- Different types: rotating platform, rotating arm and ring
- Excellent yield: up to 140 pallets/hour



Sleeving machines

- Designed to stabilise and protect pallets using a stretchable sleeve when cold taken from a tubular reel
- Excellent yield: up to 180 pallets/hour
- Pallet entirely protected against adverse weather conditions
- Printed reel



Technical Support



Spare parts

Any necessary spare parts are available to the client for the duration of the machine's service life. Swift delivery



Over-the-phone support

Over-the-phone service for detecting and resolving technical issues



Remote support service

Modem connection to the machine automaton for detecting and correcting errors



Maintenance contracts

An optional scheduled installation preventive maintenance programme can be commissioned



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