



WITTE Y SOLÀ

PACKAGING PARTNER

Aluminium tubes and Accessories

WITTE Y SOLÀ, S.A.

was founded in 1968 together with German partners but since 1974 it is wholly owned by the Solà family.

WITTE Y SOLÀ

10.700m²

TOTAL AREA

178

EMPLOYEES



ALUMINIUM TUBES: 7 LINES

Capacity of **200M** tubes per year
Ø 13,5-16-19-22-25-28-30-32-35-40.
From **2 to 200** ml.



WITTE Y SOLÀ, S.A.

In 1990, WYS acquires the company Amfer which currently produces 80% of our caps.

AMFER

1.200m²

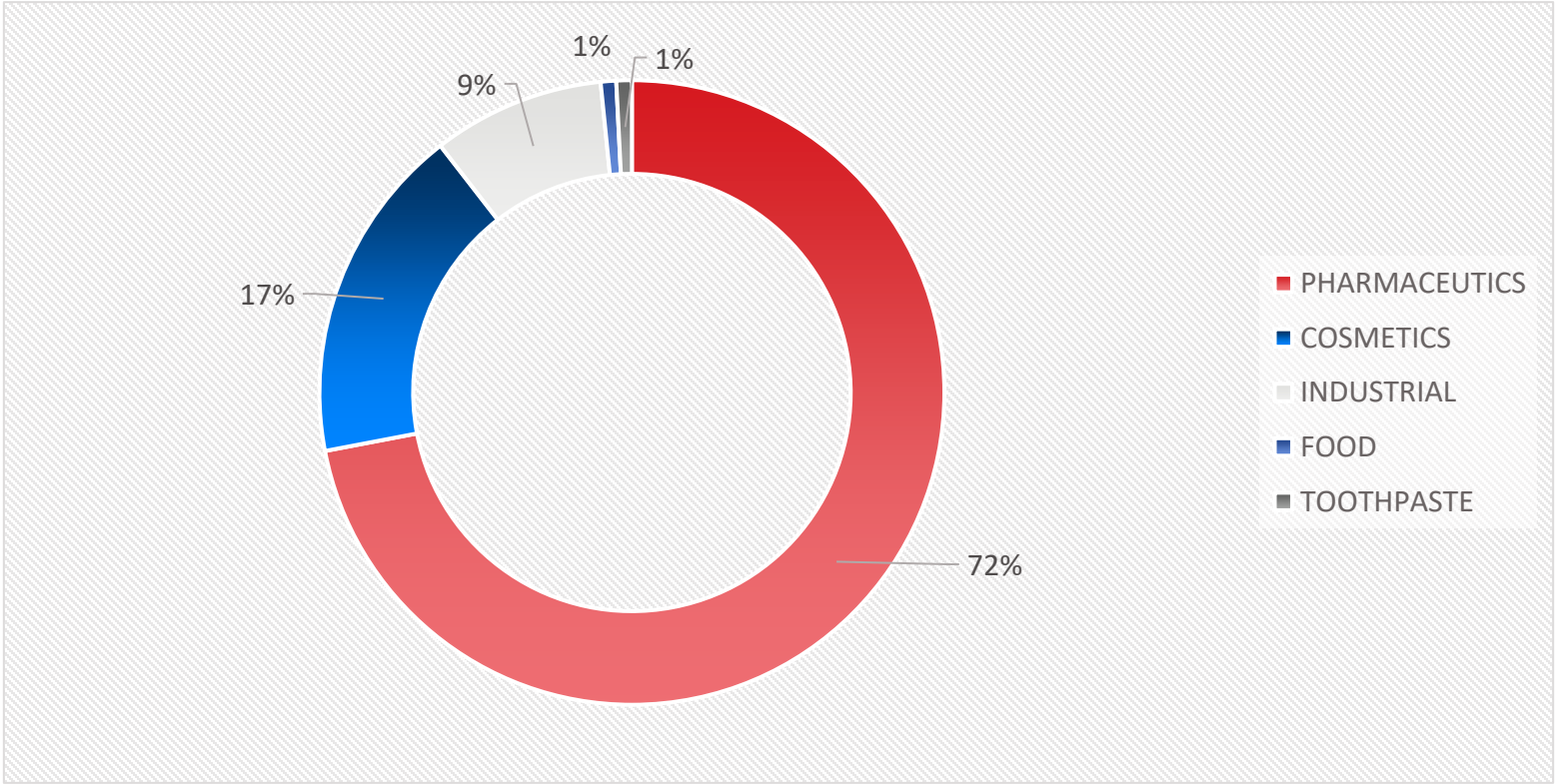
TOTAL AREA

8

EMPLOYEES



- 1968* German-Spanish foundation of Witte y Solà.
- 1974* 100% ownership by the Solà family.
- 1990* Start of exports. Witte y Solà acquires Amfer, a cap injection company.
- 1998* Construction of in-house aluminium manufacturing machines.
- 2001* Implementation of SAP.
- 2007* First manufacturer of aluminium tubes with a Clean Room ISO8.
- 2015* Incorporation of the third generation of the Solà family.
- 2016* ISO 15378 (GMP). Launch of the new E-Commerce platform.
- 2021* Commissioning of the new production line 7.
- 2022* ISO 45001.
- 2023* DMF certification.
- 2024* In-process controls (100% production): leak testing (lines 1 to 5).
- 2025* BPA-Free Varnish: Homologation of 3 New References
- 2026* Leak test development.



WHO TRUST US?

OUR CLIENTS



Pierre Fabre

FAREVA



Bayer

BAUSCH + LOMB
See better. Live better.

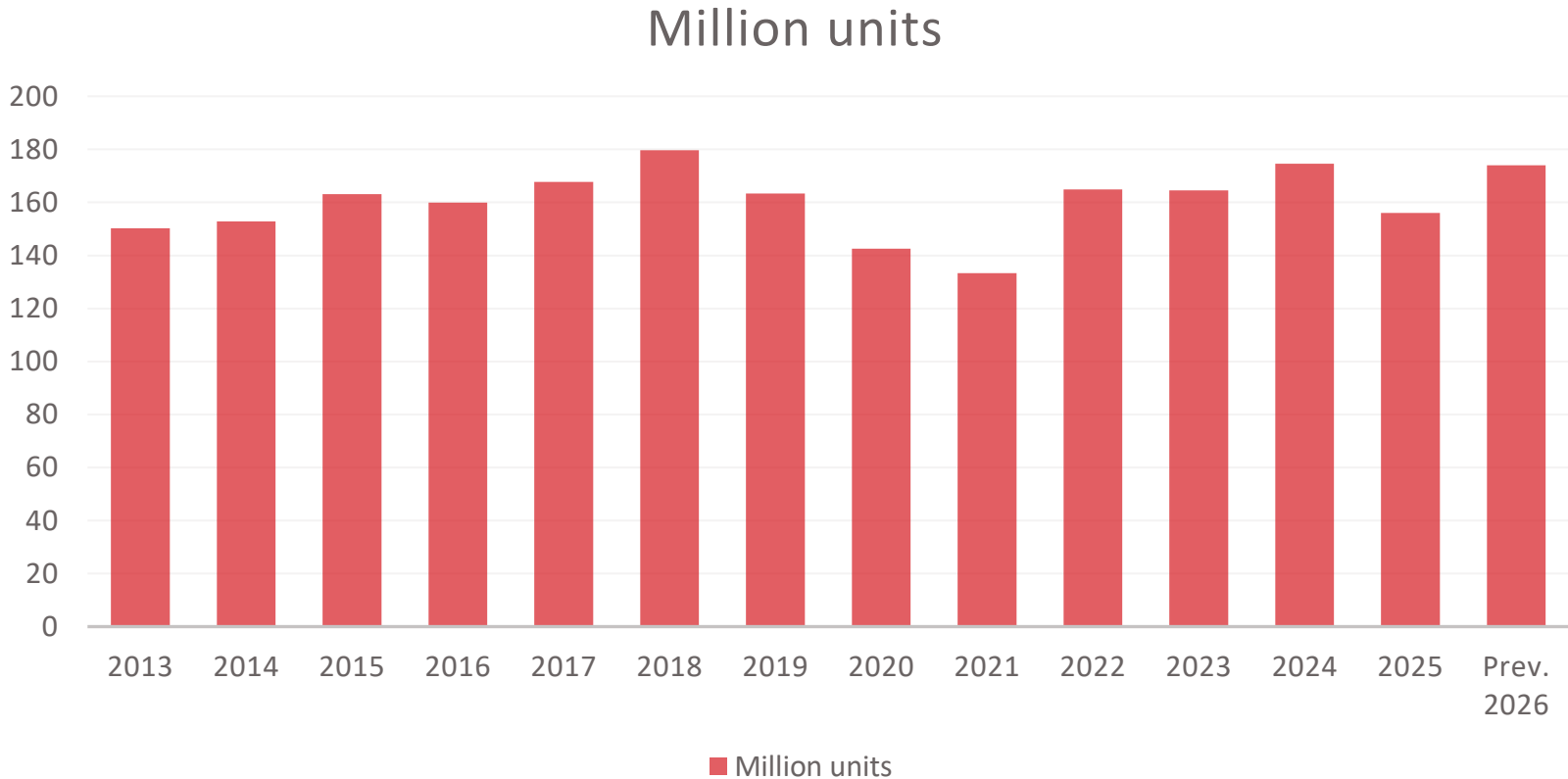


ANTONIO PUIG
perfumes

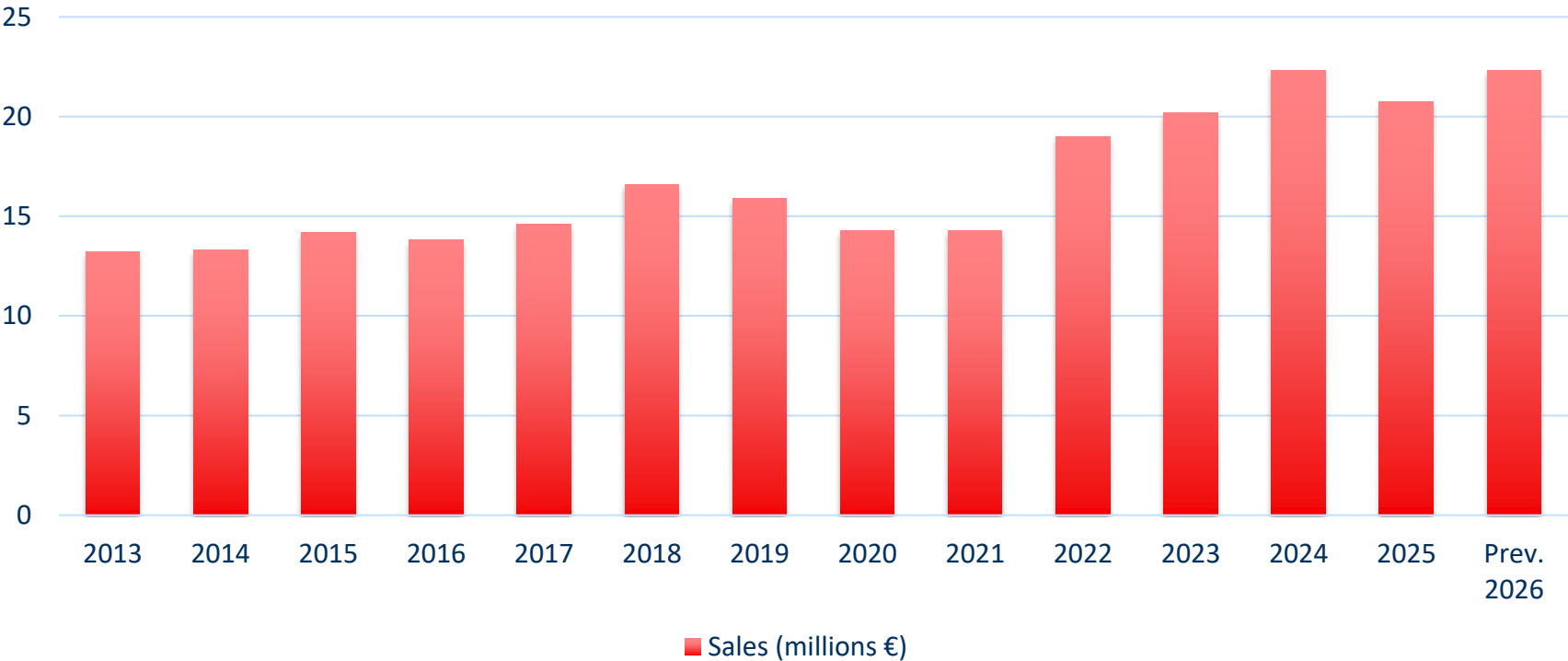


MONTIBELLO
EXPERIENCE BEAUTY





Sales (millions €)

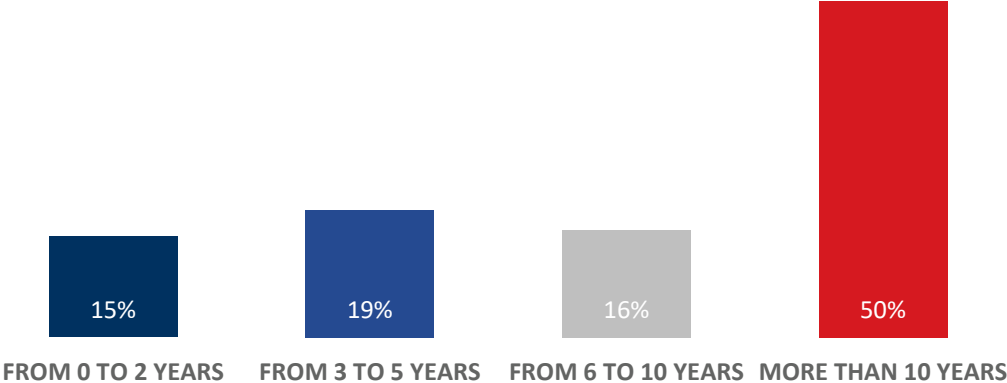


CUSTOMER LOYALTY



50% of our clients have been trusting us for more than 10 years

¿For how long our customers have been buying from us?



In 2024, we exported **45.1%** of our products worldwide, mainly for the pharmaceutical and cosmetics industries.



AMERICA

USA, Brazil, Colombia, Mexico

EUROPE

Germany, UK, Belgium, France, Italy, Greece, Netherlands, Portugal, Romania, Hungary,

AFRICA

Algeria, Tunisia, Nigeria

- **ISO 9001:** 1996
- **ISO 15378** : 2016
- **ISO 14001** : 2017
- **ISO 45001** : 2022
- **DMF** : 2023



All our products are manufactured in an **ISO 8 clean room** and are subject to rigorous **artificial vision inspections**.

We are officially certified as food packaging manufacturers by **ACSA** and **AESAN** (Catalan and Spanish Agencies for Food Safety and Nutrition).

- During production, in addition to process controls, we take representative samples of the batch.
- These samples are controlled in the laboratory, where we perform all types of physicochemical and microbiological tests.
- Finally, a certificate of analysis is issued, and the batch is released.



ERP: SAP

Document Manager: Alfresco.

Software Smart Factory (MES): Q-Plant SF

Maint Management (GMAO): Q-Plant MM

CRM: Salesforce

E-commerce: www.mistubos.com



- We offer tubes made with aluminium and caps of 100% recycled origin.



- Currently, 80% of the caps we use are supplied by a company within our group with all molds adapted to process recycled materials.
- We also offer BPA-free internal varnishes.
- Awarded the EcoVadis Silver Medal.



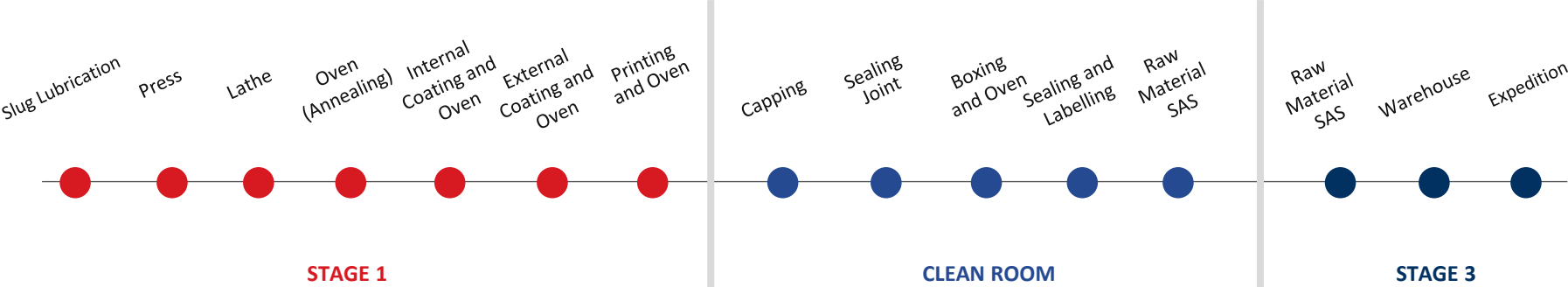
Valid until: 23 December 2026

- Click here to access our IMPACT REPORT.

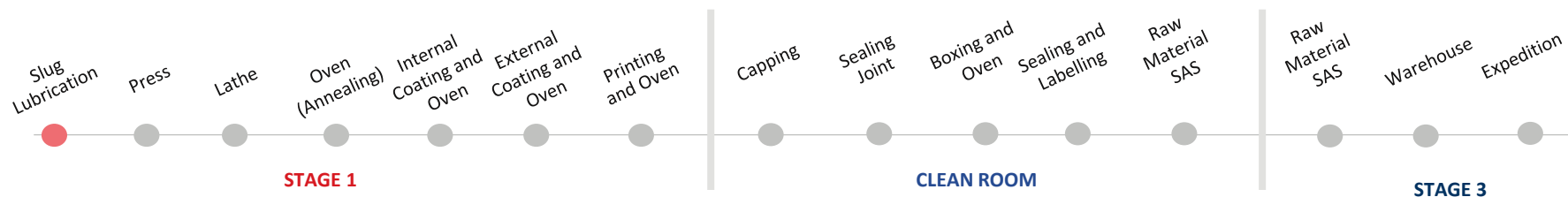
CLICK HERE 

ALUMINUM TUBES

THE PRODUCTIVE PROCESS

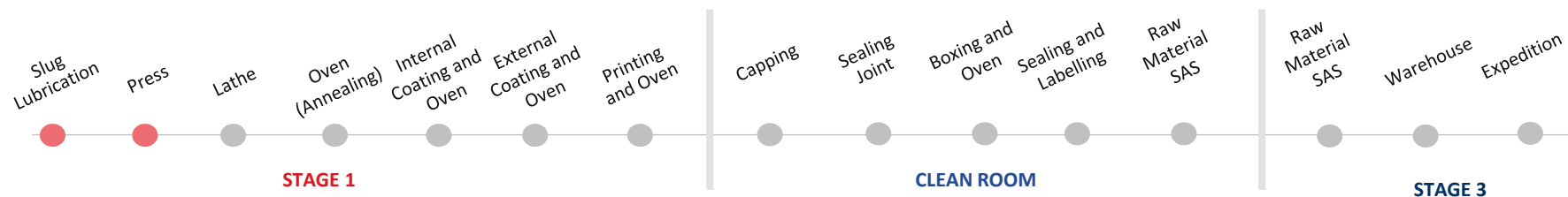


SLUG LUBRICATION



- In order to facilitate the extrusion process, it is necessary that the slug is greased.
- This process is done by tumbling the slugs together with a lubrication grease.
- For 15 minutes, about 25 kg of slugs together with the grease are turned inside the greasing drums until they are completely covered.

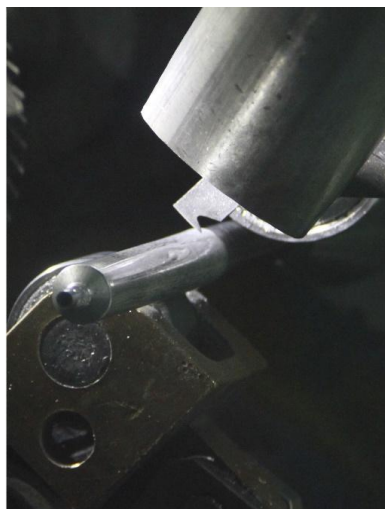
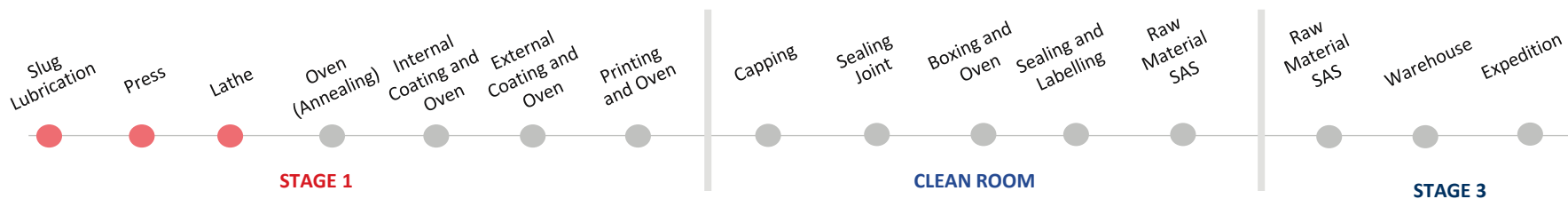
PRESS



- The lubricated slug receives a 150 tones press impact creating the body of the tube.
- The size and shape of the slug will allow us to produce a tube with the diameter and length chosen by the customer.
- We produce tubes with the following diameters:

Ø 13,5	Ø 25	Ø 35
Ø 16	Ø 28	Ø 40
Ø 19	Ø 30	
Ø 22	Ø 32	

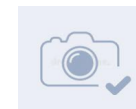
LATHE



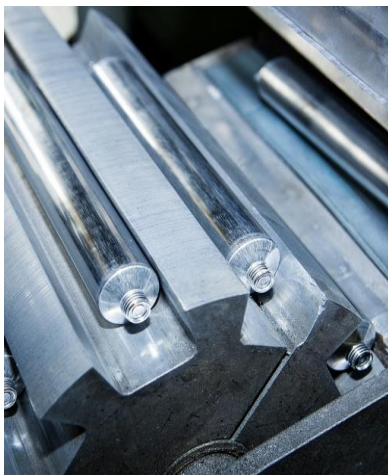
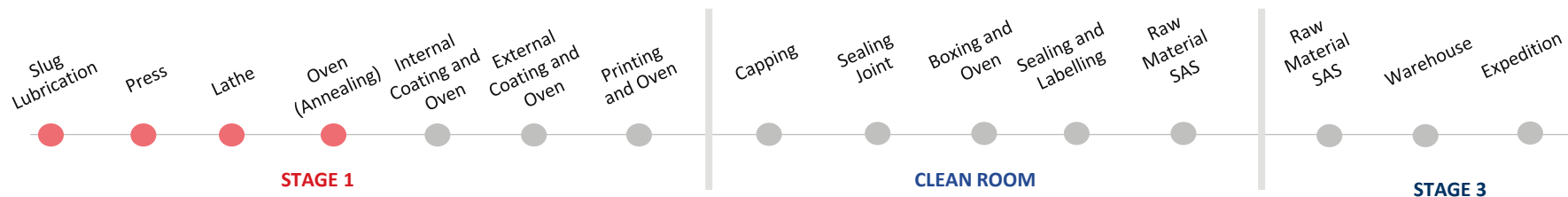
During this process, the lathe:

- Cuts the tube to the final length.
- It shapes the thread of the neck of the tube, depending on the cap that will be placed later.

Dimensional control L6 y L7

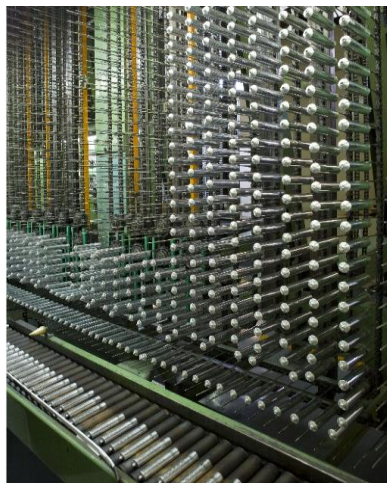
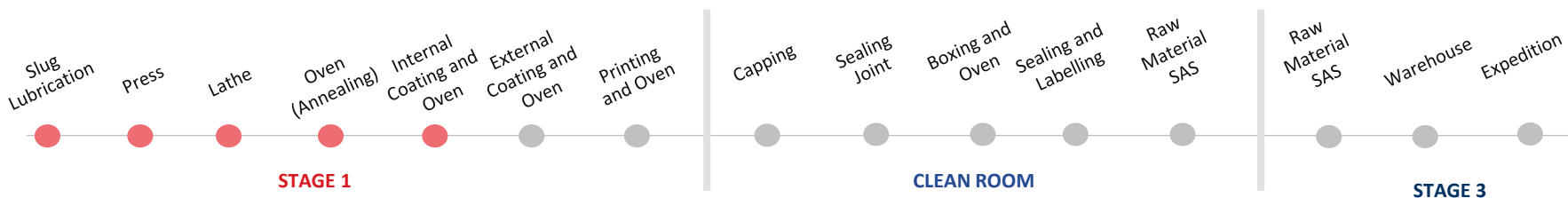


OVEN (Annealing)



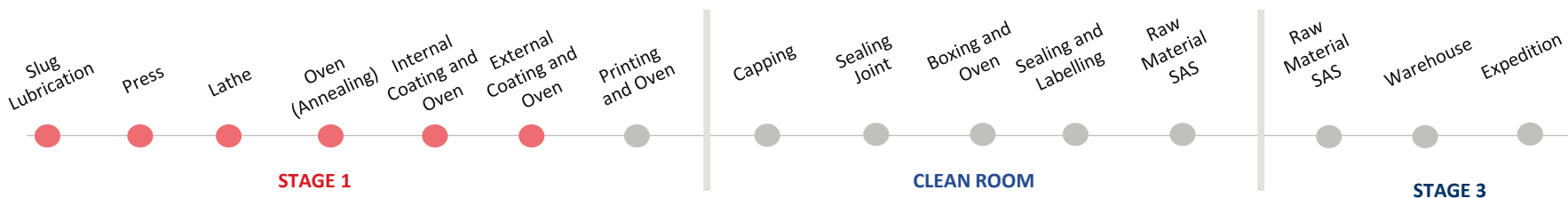
- The tube enters inside an oven, where it loses its rigidity and acquires the flexibility characteristic of our product.
- In this same phase, grease particles evaporate leaving the tube completely clean and ready for varnishing.

INTERNAL COATING AND OVEN (Polymerization)

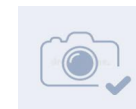


- The internal varnish, made of epoxy-phenolic resins, is pulverized by three spray guns, guaranteeing the coating of the entire inside surface of the tube.
- We have polyester varnishes and modified resins, BPA-free.
- The varnish is polymerized at a temperature between 200° and 240°.

EXTERNAL COATING AND OVEN

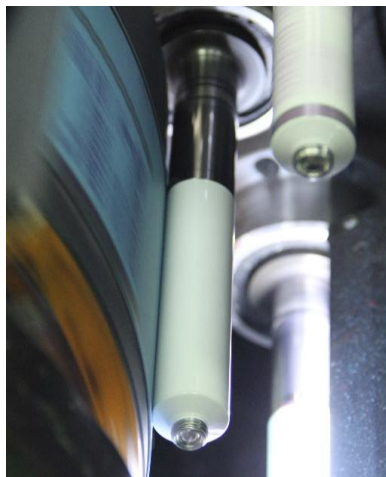
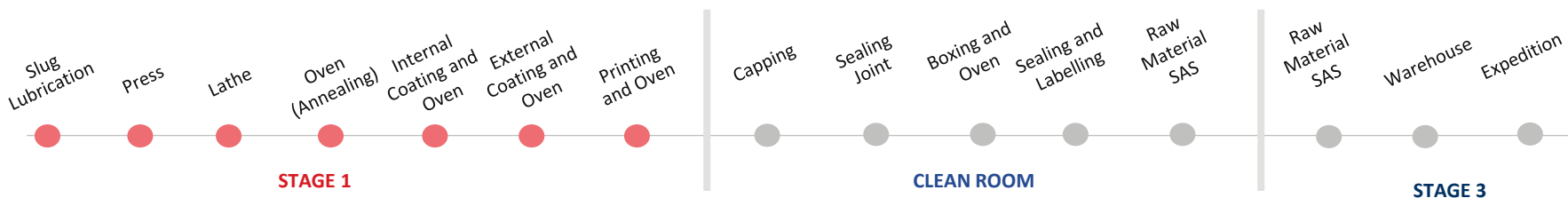


- The tube will be externally coated using a highly elastic polyurethane lacquer, usually in white.
- In order to facilitate the subsequent printing of the tube, this enamel will be dried in an oven at a temperature between 110° and 145°.



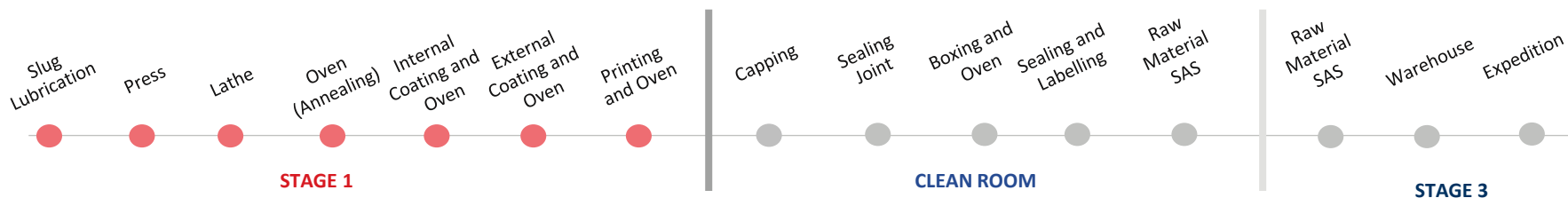
Artificial vision. Defects control L 2, 3, 5, 6 & 7.

PRINTING AND OVEN



- In this step, the tube is personalized by using a dry offset printing system.
- Our rotaries can print up to 5 inks.
- After that, the tube is dried in an oven at a temperature between 140° and 160°.

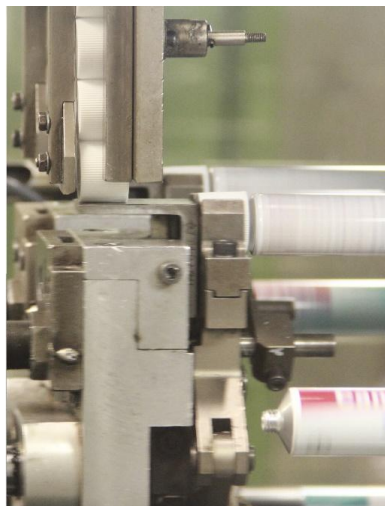
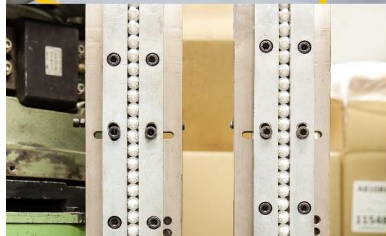
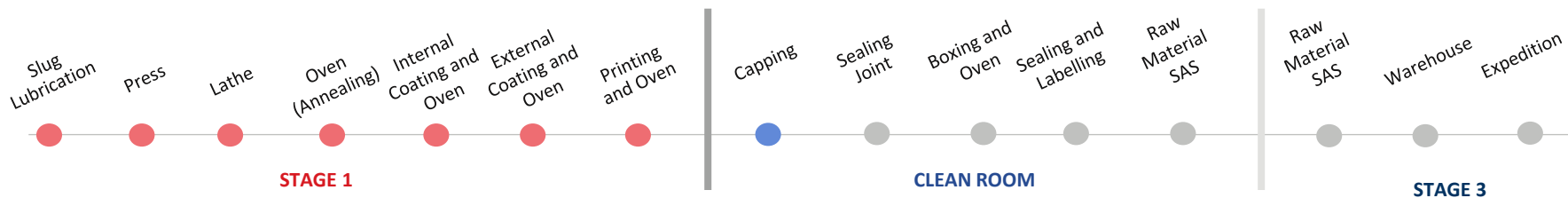
CLEAN ROOM



- Then the tube gets into the Clean Room which has been built by the specialized company Axima.
- It is certified ISO Class 8 equivalent to class D or 100.000 particles.
- Since 2007, we are the only Spanish tube manufacturer with an installation of these characteristics.



CAPPING



- The capping machine will place the cap by threading it.
- We can offer different types of caps or even adapt models owned by the client.

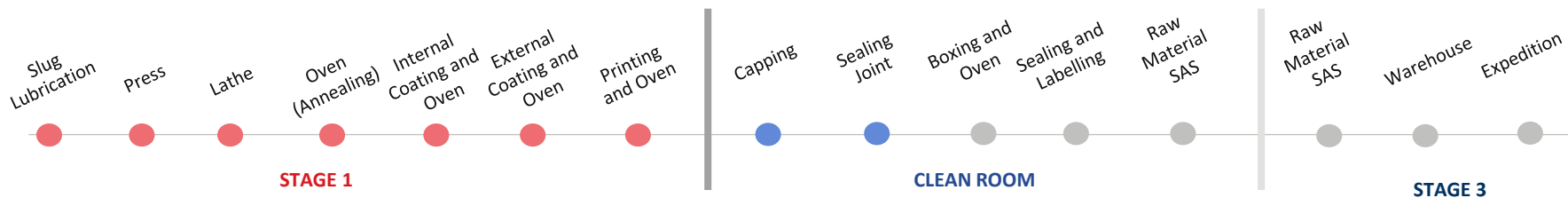
Unprinted tube detector L 1, 2, 3, 4, 6, 7

Missing cap detector L 1, 2, 3, 4, 5, 6, 7

Cap height detector L 3, 6, 7

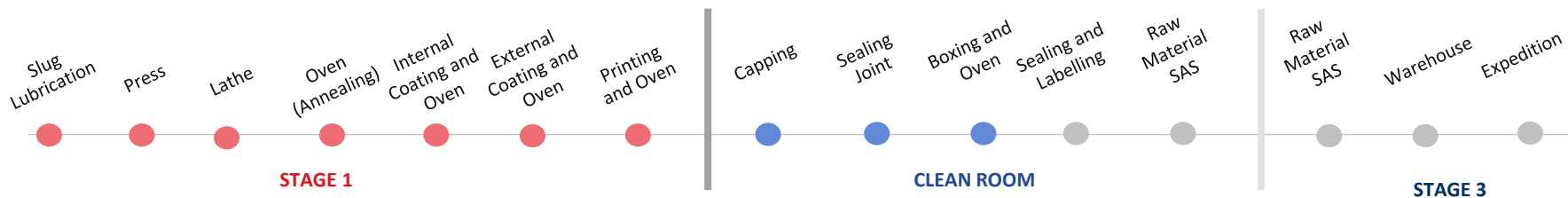


SEALING JOINT



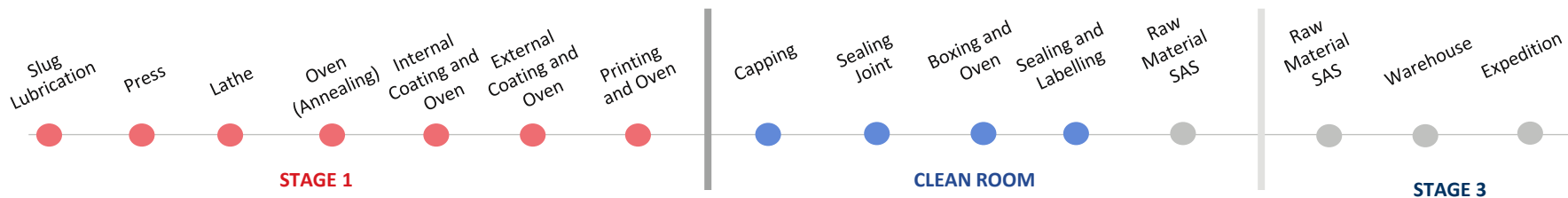
- Under customer request and to obtain greater hermeticity in the area of the fold of the tube, a sealing joint is applied by gun.
- The sealing joint is made of water-based acrylic polymers.

BOXING AND OVEN



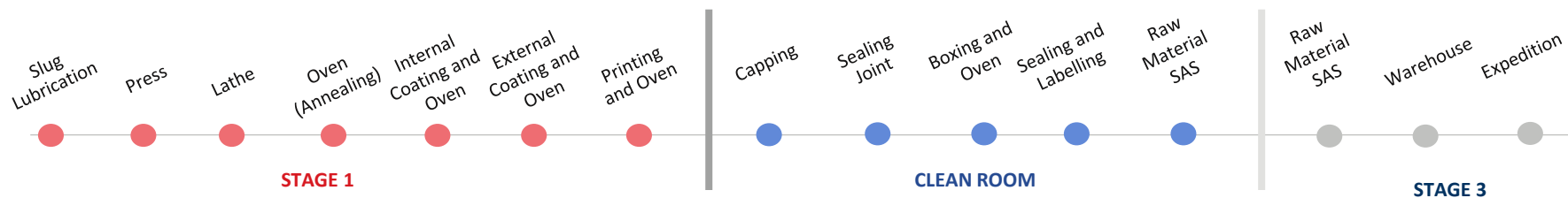
- Depending on the customer's filling system, different box sizes and types of material are used.

SEALING AND LABELLING



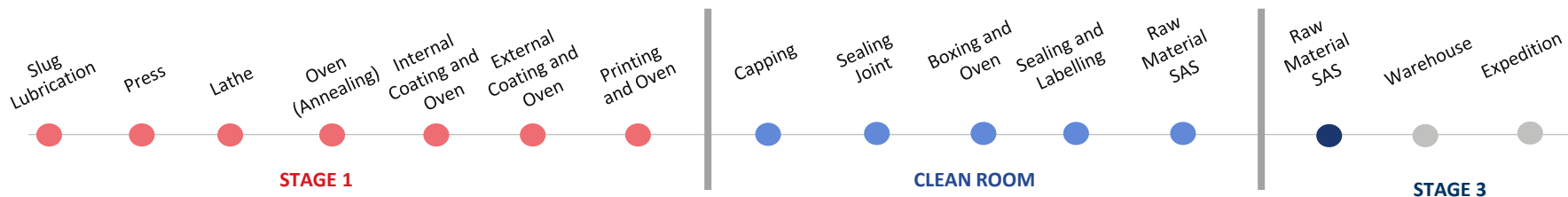
- A final visual control is made and then the boxes are sealed and labelled.

RAW MATERIAL SAS



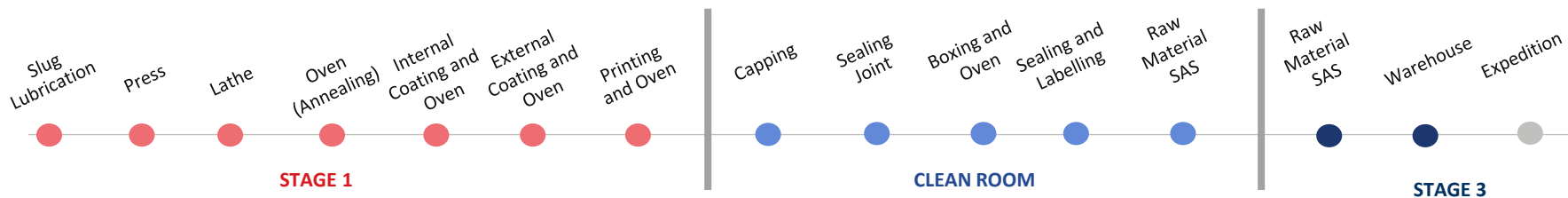
- Boxes are placed on a pallet for a subsequent shrink.
- This area is still inside the Clean Room.

RAW MATERIAL SAS



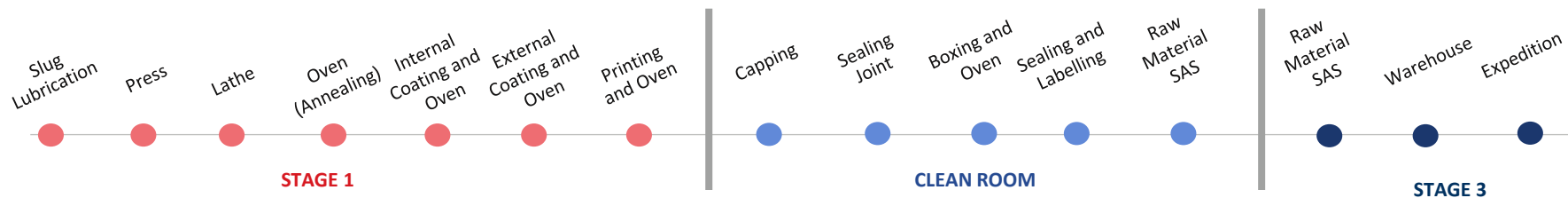
- Placement of reinforcements, shrink wrapping and labelling of the pallet.
- Each label has a barcode that will help us to identify each of the pallets.

WAREHOUSE



- We use a barcode scanner to read the codification of each pallet and its location in our warehouse.
- This information is automatically registered in our ERP in order to have them always under control.

EXPEDITION



- As soon as the delivery date of the order approaches, the corresponding pallets are loaded onto the truck to take them to their destination.



WITTE Y SOLÀ

THANK YOU