

Since 1961

Coating

Dosing

Conveying

# INDUSTRIAL EQUIPMENT FOR BULK POWDERS AND GRANULATED MATERIALS





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Transitube International and their specialized units

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Both upstream and downstream

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For all bulk powders and granulated materials, in any set-up

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CE, ATEX...

# TRANSITUBE




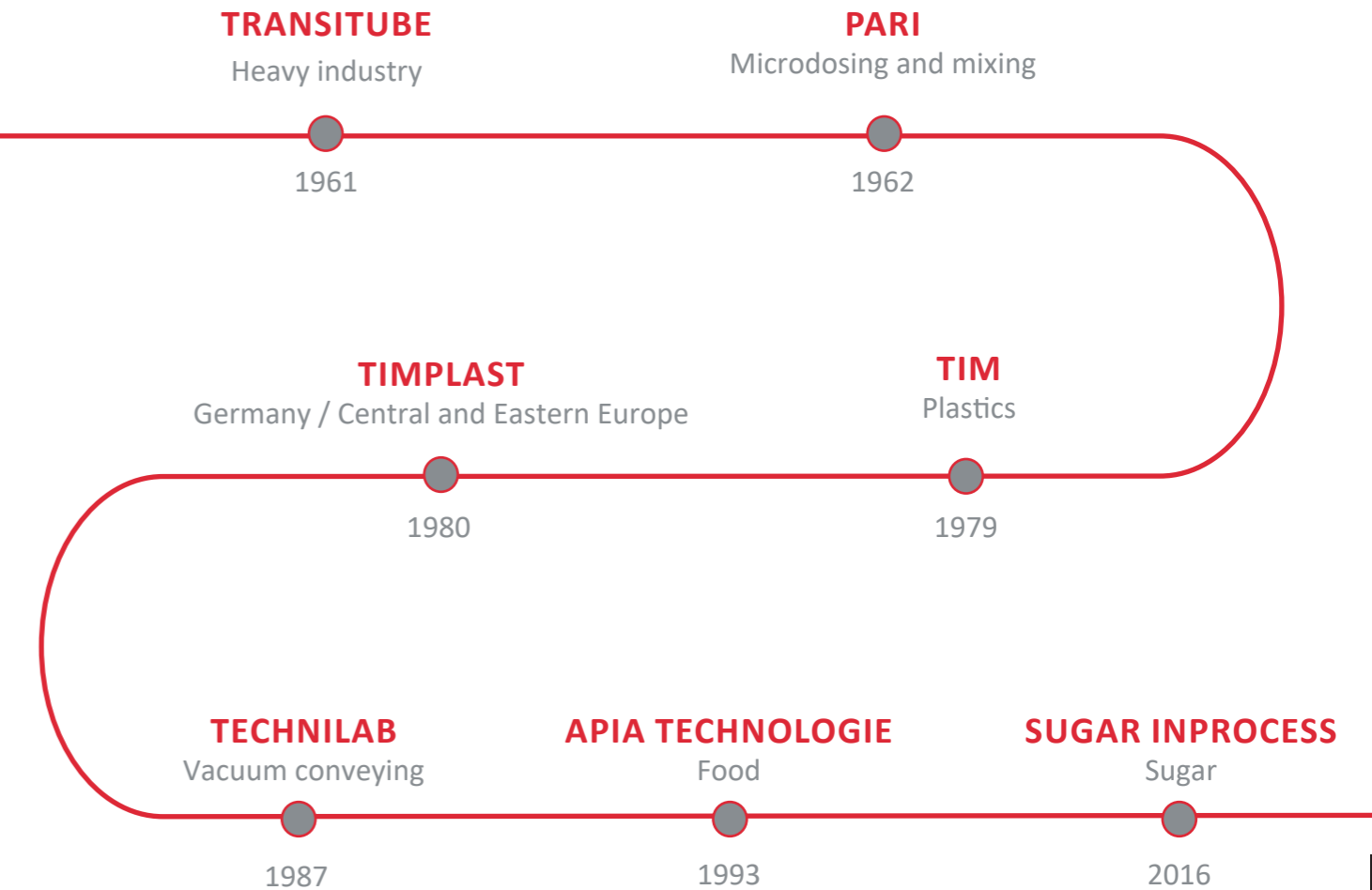
## Since 1961

Transitube started their activities with development and industrialization of flexible screw.

Intended for feeding flour or grain silos, the first “flexible mechanical feeder” quickly won over its users with its simplicity and efficiency.

Transitube then declined their various systems and designed them in skid format to meet industrial needs.

-  Made in France
-  Shareholding between family owners and top management
-  1961
-  More than 34000 achievements
-  75 countries
-  12 kms of flexible screws / year
-  15M€ turnover
-  62 employees
-  7 specialized units by markets



# VIRTUES AND FEATURES



## Agile

- Flexible- soft- curved- bendable
- Long distance and vertical elevation (up to 90°)
- Small footprint
- Avoiding obstacles
- Quick disassembly



## Efficient

- All kinds of powders
- Starting under load
- Response to large flow requirements (0,1 to 20m<sup>3</sup>/hour)
- Continuous or batch process
- Anti-clogging / Anti-retention / Antistatic



## Secure

- ATEX certified
- Integration of inerting solutions
- In / out sealing
- No air addition



## Thrifty

- No maintenance downtime
- Very little preventive maintenance
- Low electricity consumption
- Robust / durable



## QWL

- Reduces hardship and MSD risks
- Removes flying dust
- Low noise (< 80 dB)

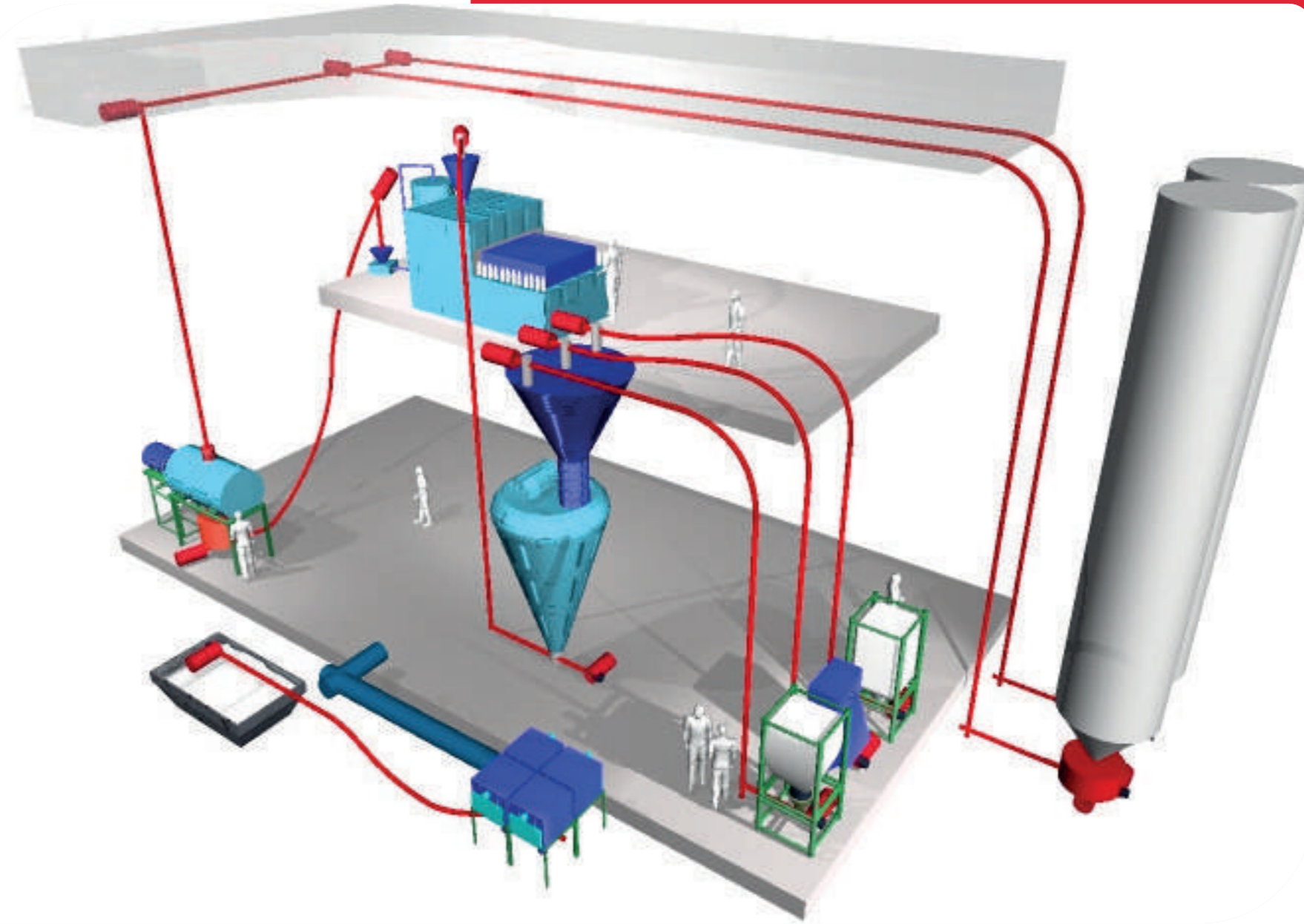


## Service

- Study and layout plan
- Dedicated project team
- Machine / parts drawings
- Assembly / support
- Electrical cabinet and automation
- Industrial startup and User training

# AT THE HEART OF THE PRODUCTION SYSTEM

Around the Transitube, we build complete chains made up of equipment ensuring the functions of weighing, emptying / loading, grinding, storage, sieving, mixing, bagging...



- Closed and sealed systems
- Manufacture and materials chosen according to your industry
- Respect of product integrity
- Regular flow and starts under load





# CONVEYING

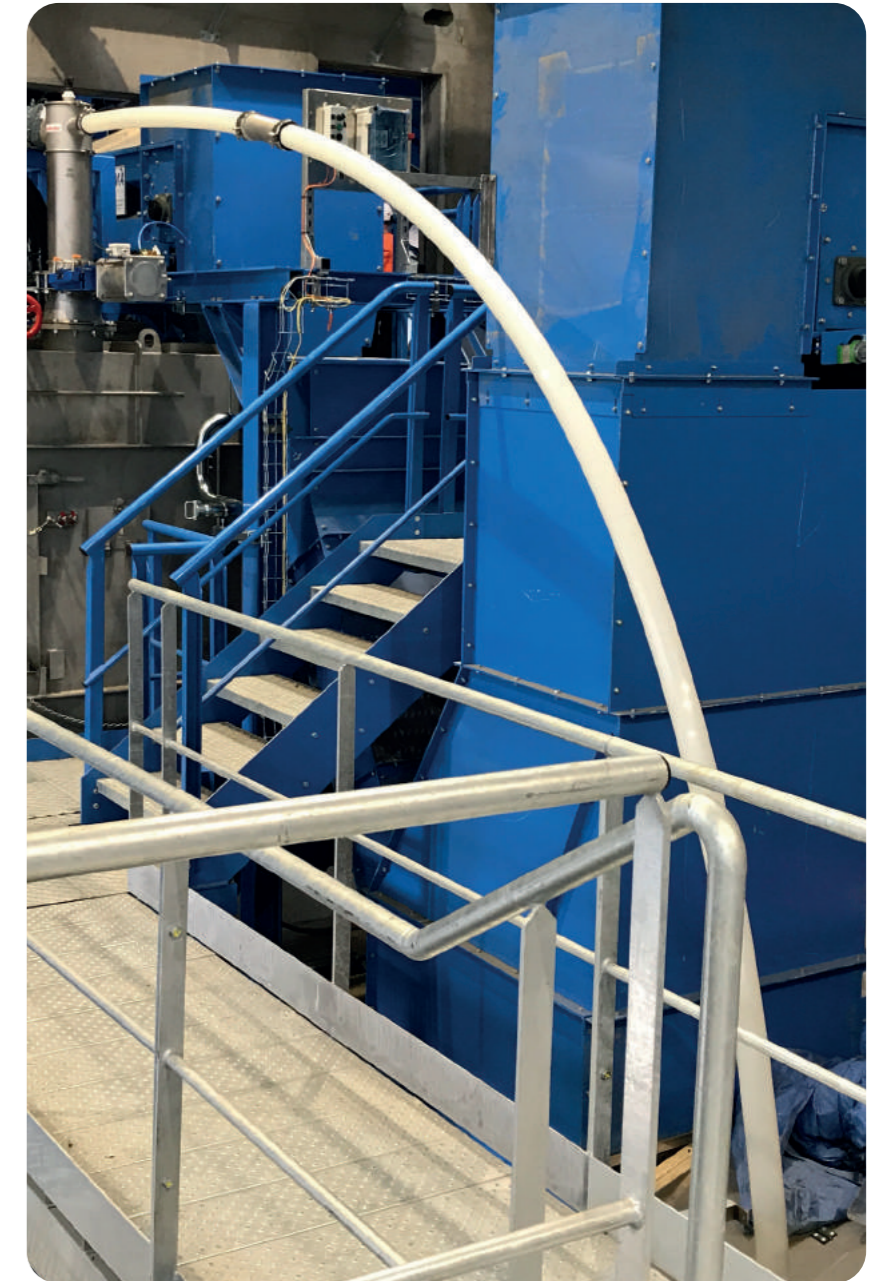
**For all bulk powders and granulated materials, in any set-up**

Specially designed for the transfer of powdered products or aggregates, its design and operation preserve the transported product from unmixing and external contamination, while respecting the integrity.

Each Transitube equipment is tailor-made because it is defined according to the specific criteria that make up your process.

It is designed and calibrated according to your powders and their behaviour :

- Adapts to all grain sizes, flowability, densities...
- Meets different environments : humid, under pressure, over pressure...
- Transports cold, sticky, fusing, crumbly, abrasive products...



# ADDITIONAL TECHNICAL SOLUTIONS



## 01

### Microdosing



TRANSITUBE has developed several sets of equipment allowing to carry out a dosage of each product (powders, granules or aggregates) via the flexible screw and depending on the different required ratios.

- Gravimetric dosing
- Volumetric dosing
- Weight dosing
- Microdispensers

## 02

### Dusting and coating



By dosing the ingredients or by saturation and recycling the refusal in a closed loop

- Sugaring of donuts and berliners
- Dusting of cocoa powder on chocolate truffles
- Coating of additives on fertilizers
- Anti-caking on resins or plastic extrusion powders
- Seed coating
- Anti-caking on grated cheese

## 03

### Bagging



Bagging weighing system for packaging powdered and granulated bulk products in drums or open bags

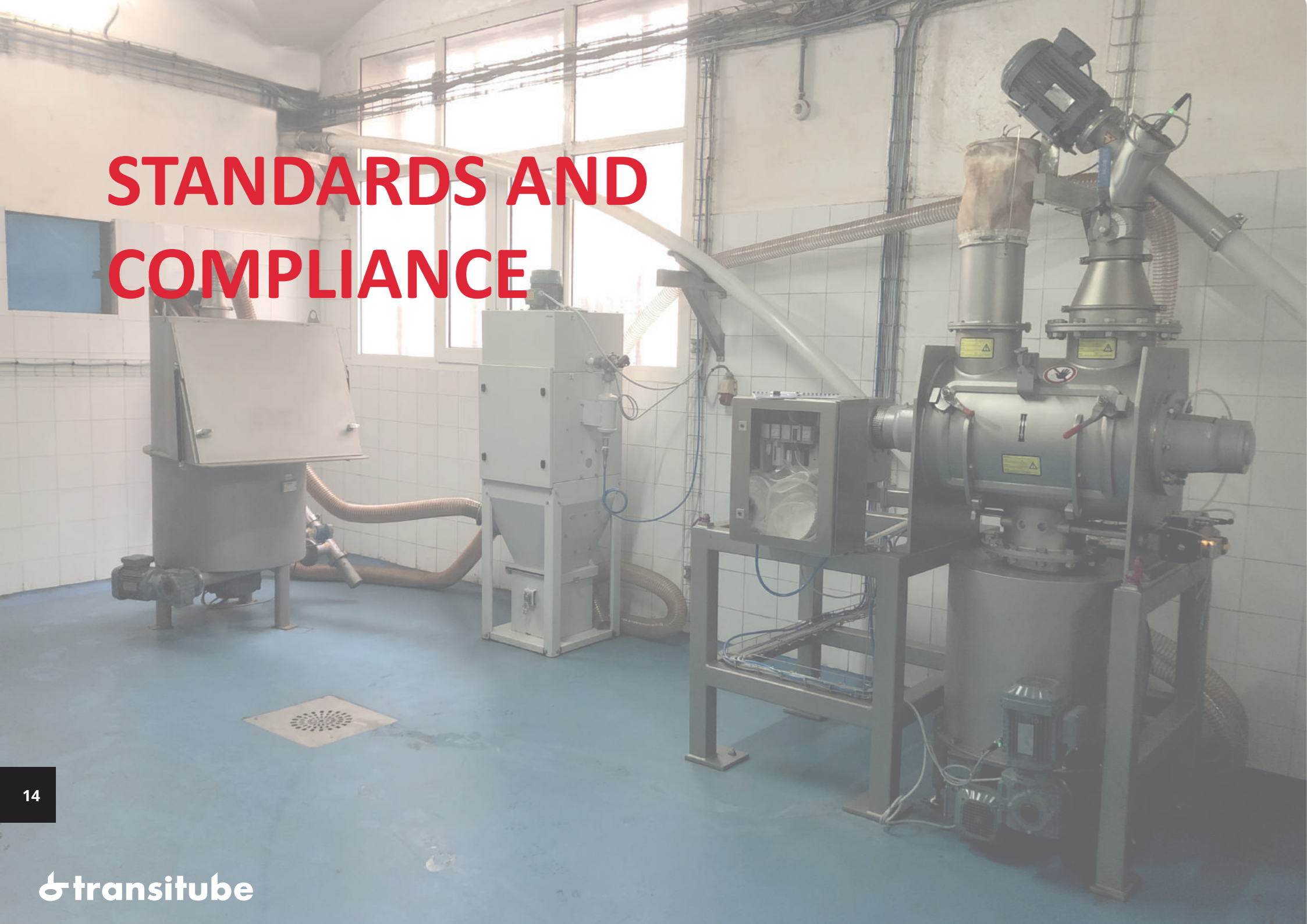
## 04

### Vacuum conveyor



Confined system avoiding dust emission and cross contamination. Very effective in pharma and food industries

# STANDARDS AND COMPLIANCE



The Transitube was the first mechanical handling system to commit to a certification process in 2007

Material certified n° : **INERIS07ATEX0054X**

This UE Examination Type Certification is delivered by INERIS (Notified Body n°0080) and classifies our equipment in **category 1D (DUST) /2GD (GAS OR DUST)**.

It means that all our certified systems can be used in ATEX zone 20 (DUST) internal, and can be installed in **zone ATEX 22, 2-22, 21, 1-21** following your EPD (Directive 1992/99/CE).

Annual audits of our manufacturing workshops

Quality Assurance System : **SAQ INERIS 11ATEXQ401**

## Equipment security



- Machine EN 80079-36
- Machine EN 80079-37
- Machine 2006/42/CE
- Low voltage 2014/35/UE
- Electromagnetic compatibilty 2014/30/UE
- Weighing 2014/31/UE



ATEX 2014/34/UE



DÉCLARATION UE DE CONFORMITÉ POUR APPAREILS DESTINÉS À ÊTRE UTILISÉS EN ATMOSPHÈRES EXPLOSIBLES (Au titre de la directive ATEX 2014/34 UE)	
NOUS :	TRANSITUBE SAS 86, Avenue Louis Roche 92230 Gennevilliers - France
Déclarons que les appareils	
MARQUE :	TRANSITUBE
NOM, TYPE :	TEX
MODELES :	Tous modèles (-14,-12,-11,-54,-51,-FP,-DVP,-...)
répondent de par leur conception et leur construction, aux exigences des Directives Européennes et normes applicables :	
Directive(s) : - Directive européenne Atmosphères Explosibles N° 2014/34 UE	
Norme(s) : - EN 80079-36_06.2016 / EN 80079-37_06.2016	
sous réserve d'installation, d'entretien et d'utilisation conformes à sa destination, à la réglementation, aux normes en vigueur, aux instructions du constructeur et aux règles de l'art.	
Marquage des appareils :	II 1D/2GD
Marquage complémentaire :	cT4 (135°C)
Numéro d'Attestation d'Examen CE de type :	INERIS07ATEX0054X
Delivré par :	
INERIS (0080) PARC TECHNOLOGIQUE ALATA 60550 VERNEUIL EN HALATTE - France	
Assurance Qualité de Production couverte par :	
INERIS (0080) INERIS11ATEXQ401	

CONFORMITY DECLARATION FOR UNITS INTENDED TO BE USED IN AN EXPLOSIVE ATMOSPHERE (By way of the Explosive Atmospheres directive No. 2014/34 UE)	
WE :	TRANSITUBE SAS 86, Avenue Louis Roche 92230 Gennevilliers - France
Hereby declare that the units	
TRADEMARK :	TRANSITUBE
PRODUCT, TYPE :	TEX
MODELS :	All models (-14,-12,-11,-54,-51,-FP,-DVP,-...)
which, through their design and construction, meet the requirements of the European Directives and applicable standards:	
Directive(s) : - Explosive Atmospheres European directive N° 2014/34 UE	
Norme(s) : - EN 80079-36_06.2016 / EN 80079-37_06.2016	
It is important that the safety component is subject to correct installation, maintenance and use conforming to its intended purpose, to the applicable regulations and standards, to the supplier's instructions and to standard practices.	
Marking of units:	II 1D/2GD
Additional marking:	cT4 (135°C)
EC examination certification number type:	INERIS07ATEX0054X
Delivered by:	
INERIS PARC TECHNOLOGIQUE ALATA 60550 VERNEUIL EN HALATTE - France	
Production Quality Assurance covered by:	
INERIS (0080) INERIS11ATEXQ401	

## Food grade and hygiene



1935/2004 CE - UE 10/2011  
All our equipment are certified for food contact  
Our tubes are 100% biosourced and delivered with food grade certification .



Member EHEDG (European Hygienic Engineering & Design Group)  
Hygienic conception of our equipment



**Contact us**

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

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and granulated materials**