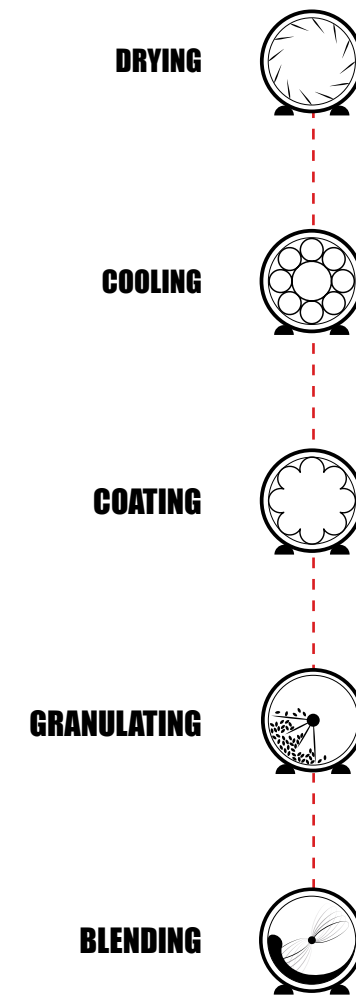
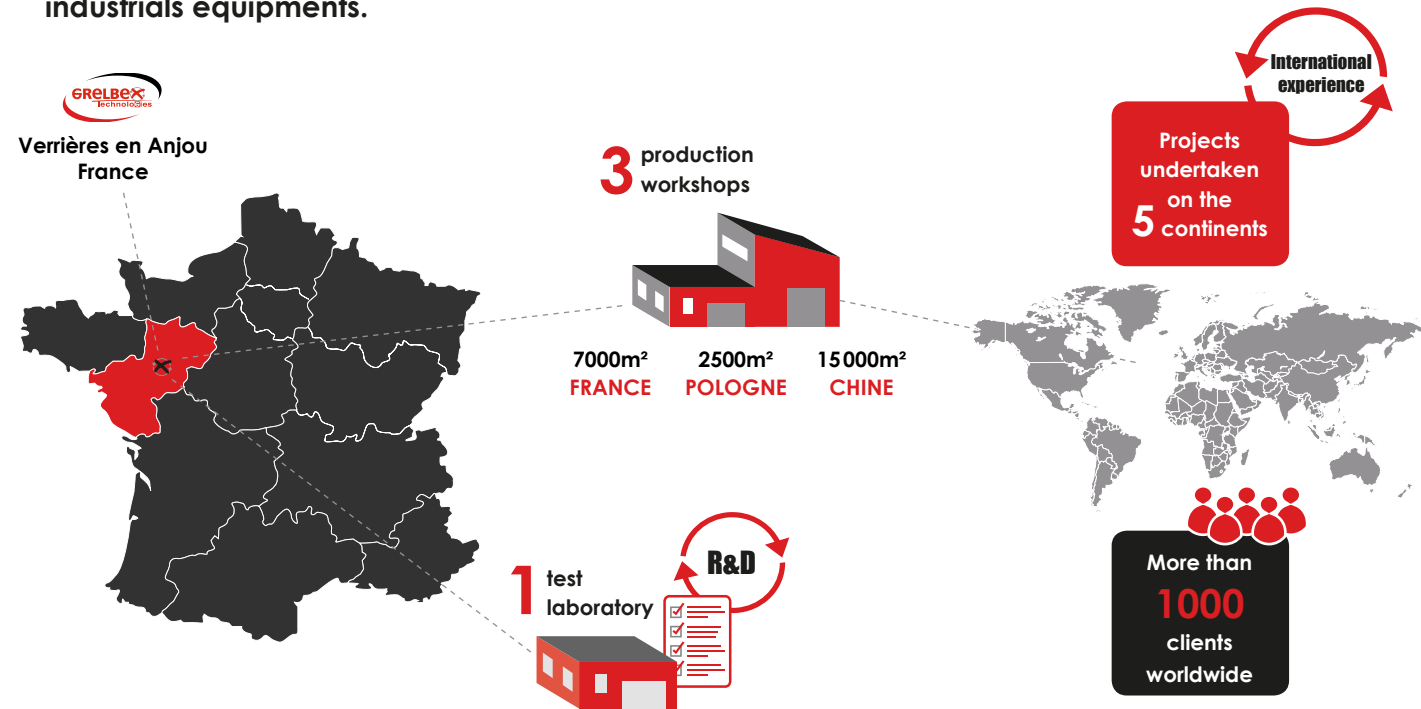


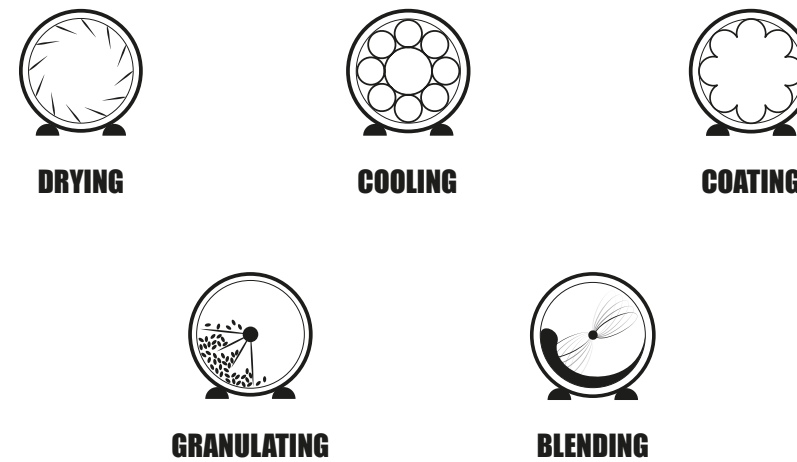
# GRELBOX TECHNOLOGIES COMPANY

**GRELBOX Technologies** has been founded in 1832. With proven experience of nearly **2 centuries**, this French company specialized in the **design, manufacture, assembly and commissioning of industrial equipments**.



# BULK PROCESSING UNDER CONTROL

Customized Equipment Manufacturing



Part of the industrial French group **IWF**, **GRELBOX Technologies** can rely on its know-how to give a global and turnkey solution to its Clients. From the treatment to the handling of the products, each step of the process is mastered, from the design to the manufacturing, to the beginning and after-sales.

## OUR SKILLS



**GRELBOX Technologies** Company of **IWF** group

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# OUR FIELDS OF EXPERTISE



## Mineral Treatment

Sand  
Ash  
Gypsum  
Limestone  
Potash...



## Fertiliser Production

NPK  
Bio stimulant  
Fertilisers  
Potash  
Compost  
Urea...



## Bio-energy

Waste  
Saw dust  
Wood chips...



## Food processing industry

Animal feed  
Heating and conditioning  
of grain  
Animal carcasses  
Sugar industries...



## Specialty chemicals

Catalysts  
Active carbon  
Zinc oxide...

Expert in bulk material treatment, **GRELBEX Technologies** has a large range of rotating equipments for:



DRYING



COOLING



COATING



GRANULATING



BLENDING

# THERMAL ROTATING EQUIPMENT

Since its creation, GRELBEX Technologies has been designing and manufacturing a wide range of thermal process equipment. Customised for each project, these drums are manufactured according to specific strategic axes:

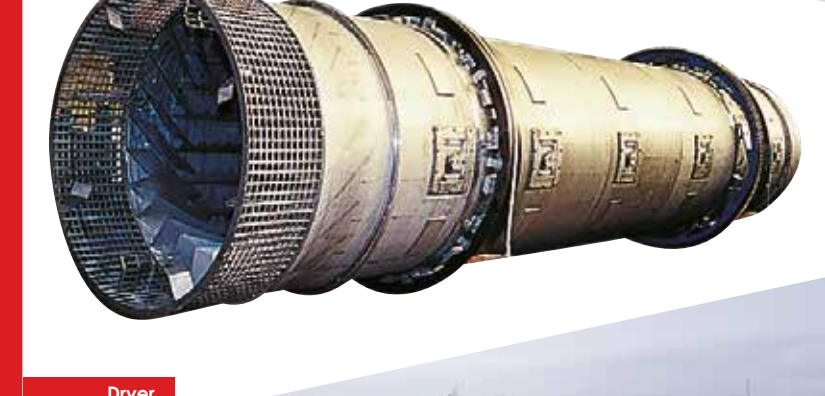
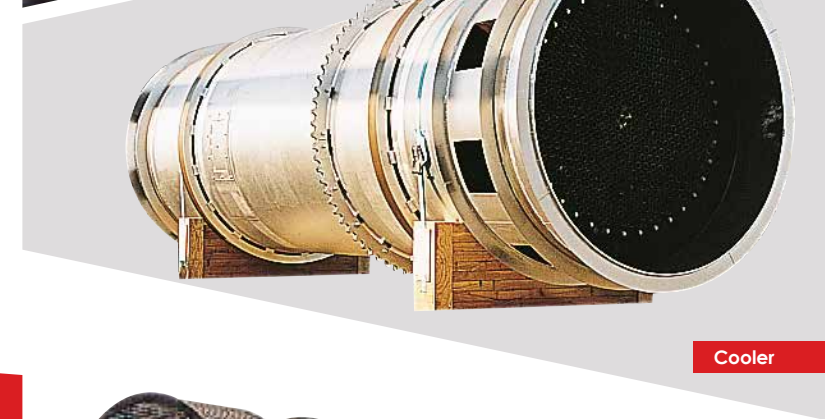
## THERMAL POWER

## MATERIALS USED

## INTERNAL COMPONENTS

## LOAD CALCULATIONS

Each project is custom-made to our Clients' requirements.



## OPERATING MODE

Continuous/batch  
Direct/indirect contact  
Combustible gas/oil/LPG...  
Co-current/counter-current

## DESIGN

Specific design for each selected equipment

Shovel  
Internal coatings  
Construction materials  
CE, ATEX, EN 1090-1,  
ASME STAMP U, EAC standards

## TECHNICALITY

Complete Units  
Smoke filtration and treatment  
Patented calcining process  
Energy recovery system  
Computerised operating control system

## BENEFITS

Technological Performances  
Competitive and customised solutions  
Process evolution and innovation  
Traceability and expertise through experience

# GRANULATING AND COATING EQUIPMENT

**GRELBEX Technologies** has developed its know-how of natural conglomeration and coating to design equipment such as disk and drum pelletizers. Our in-depth knowledge of the various minerals and their behaviour, associated to an internal lab, enables us to design and manufacture suitable equipment to each project specific requirements.

Technical features of sizing are:



## OPERATING MODE

Continuous  
Intensive – 24 hours a day

## DESIGN

Suitable internal coatings / scraping  
& spraying system  
Use of materials appropriate to the  
products' characteristics  
Material according to applicable codes and  
standards

## TECHNICALITY

Downstream and upstream power  
supply controls  
Sealing and dedusting  
Control system supervision  
Measuring sensors for control  
and adjustment

## BENEFITS

Reliable and time-tested process  
Possibility of validation on test platform  
Easy maintenance