



LAGOS

experience & solutions

Company Profile

Railway

30 years of experience

presence in **26** countries

technology from **7** sectors

13.000 solutions

1. Human and Technical Resources

The activity of Lagos as a spray booth manufacturer started in 1982 with clear ideas regarding the business concept as well as the products to manufacture.

Since the beginning, we have developed ourselves in a progressive and continuous way, devoting all our efforts to solve our clients needs and knowing that the best way to accomplish this goal is to rely on an expert technical team and a competitive I+D department, which lead us to a great commercial expansion through the years.

The commercial structure is definite and its responsibility falls on a commercial director, a national sales manager and two in exportation.

Nowadays, with more than 13.000 projects delivered, Lagos has become a leading company capable of developing any kind of solutions, from small personalized spray booths to complete surface treatment plants.

Our company is present in 26 countries, exporting surface treatment equipment for sectors such as automotive, aeronautical, renewable energies, railway, industry and wood treatment, with a significant presence in all of them.

We can emphasize the Japanese market, to be one of the most competitive with a high level of technological requirement, followed by France, The United Kingdom, Germany, Denmark, Sweden, Check Republic, ... etc.

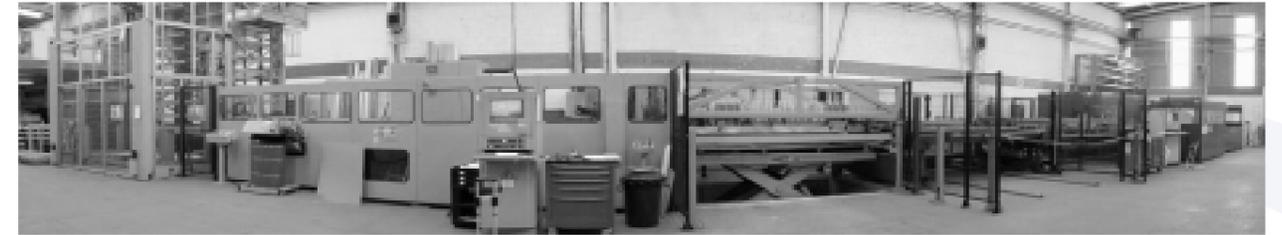
We have an enthusiastic and passionate young team, which expertizes in many fields and cooperates to offer the best solution on the market.

"Relaying in our professionals is securing your company's future"



Our Team

Machinery



- 2 Lines totally automatic-robotised, to manipulate, cut, configure and fold the plate in panels of a length of 3 m.
- Other line with the same characteristics but for panels of length of 6,5 m.
- 1 Hydraulic punch press with numerical control.
- 5 Hydraulic folding machines until a length of 6m with numerical control.
- 1 Equipment of injection in discontinue of polyurethane foam
- 1 Equipment of injection in continue of polyurethane foam
- 1 Equipment to incorporate glass wool in discontinue
- Several machines, such as, air net, gantry crane.....etc.

Our equipments are manufactured only with high quality products from the leading brands of the market, and are tested by our quality control and purchases department.

All the technical projects of final implantation in the customer location, as well as the environmental certifications and working risk preventions are developed by our technicians and by first level associated companies.



Our Plant



2. Why Lagos?



Technology

Our products have been tested in leading industries.



Optimal cost

Equipment optimization & saving for energy and consumables.



Modular

High configuration flexibility even in tight & complex spaces.



Low Carbon Footprint

Low environmental impact on the life cycle of our products (ISO 14044).



Always at your side 24x365

Smartbooth: Connectivity for remote diagnostic & action.



Best cycle time

Dynamic lean process design tailored to the optimal process flow.

Quality Rules

The installation of LAGOS equipments in a large number of countries with strict management and manufacturing legislation, endorse the quality of our products.

Our Company is certified for its Quality Assurance Management according to ISO 9001 standards regarding the performance of design, manufacturing and assembly.

Furthermore and in general terms our installations comply with the following guidelines:

- Directive 2006/95/CE: Low Voltage Legislation: Low Voltage Directive (LVD)
- Directive 2004/108/CE: Electromagnetic Compatibility (EMC)
- Directive 2006/42/CE: Directive on Machinery.
- Directive 98/37/CE: Safety on machinery.
- Directive 2011/65/EU RoHS II (Restriction of Hazardous Substances)

Through the implementation of the following Harmonized Technical Standards:

- EN 13355: Coating plants - Combined booths - Safety requirements
- EN 12100: Safety of machinery - Basic concepts, general principles for design
- EN 61000-6-4: Electromagnetic compatibility (EMC). Emission standard for industrial environments.
- EN 61000-6-1: Electromagnetic compatibility (EMC). Immunity for residential, commercial and light industrial environments.
- EN 60204-11: Safety of machinery - Electrical equipment of machines



3. Sectors

Aeronautical



We design and manufacture processes for the preparation and finishing in aeronautics and defense industry (clean-room, blasting, spray-drying booth ...)

Automobile



Integral conception of body shop production: cycle workshop, preparation areas, quick painting concept (QPC), "spot" repair, etc.

Renewables



We implement complete processes for metallic coating of support elements and parts, painting of the blades, nacelle-protection, solar panels...

Railway



We serve manufacturers of rolling stock as well as engineering and pair-shops for the maintenance of long-haul and metropolitan lines in full-scale repairs.

Industry



We design and produce treatment lines for capital goods and machinery, construction, packaging, pieces and other areas.



4. Railway sector

We serve **manufacturers of rolling stock** in surface-treatment (wagons, locomotive and "bogie"), as well as **engineering and repair-shops** ("depot") for the maintenance of long-haul and metropolitan lines in full-scale repairs, both in- and outside.

Rolling stock-material and the integrated elements require an expert surface treatment, in particular as the light-weight-materials become more and more complex (presence of aluminium, magnesium and titanium) and the safety requirements more and more rigid (as for instance the presence of potentially explosive dust).

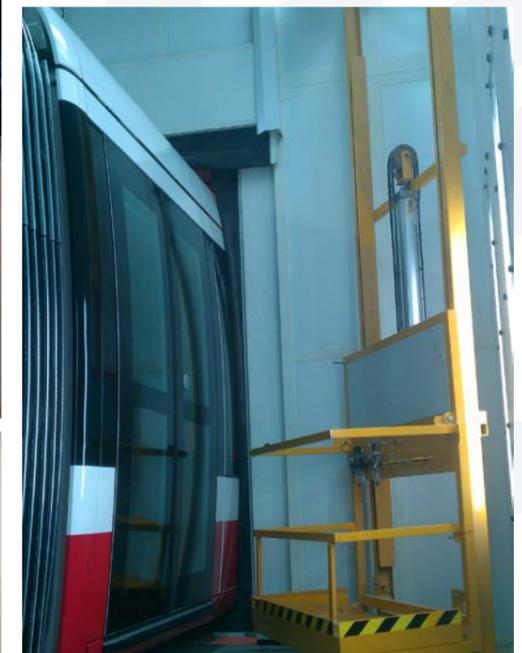
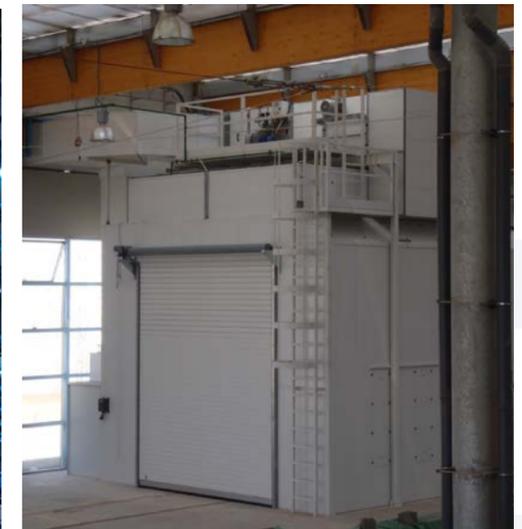
The long-term-protection against corrosion, the increase in speed of the locomotives and transports and the exposure of rolling stock to more extreme environmental conditions, common with our Northern and Russian customers, make a good surface treatment critical.

We are **present in the railway sector for more than 20 years**, working with the market key players. Companies like Alstom, Bombardier and Siemens who are a worldwide reference trusts us for their operations, but also important engineering companies in the sector like Systra or EGIS Rail, long-haul railway operators like SCNF and Renfe as well as metropolitan railway companies, present in major cities and market operators like CAF, LEGIOS (former LOSTR) and others. They all have proven the reliability of our solutions at an international level.

Our equipment and processes ensure a high quality-level in the finishing, reduced processing time, lower investments with faster return periods as well as lower operational and maintenance costs.

Our condition as unique company in Europe, present in all mobility sectors and in the manufacturing industry allows us to adapt modular industrial solutions for the repair shop that ensure a maximum of durability and satisfaction. An after-sales service consisting of assistance and maintenance ensure an optimised operation of the installation.

We serve manufacturers of rolling stock as well as engineering and repair-shops for the maintenance of long-haul and metropolitan lines.



More info at:
www.cabinaslagos.com

Scan the QR code with your smartphone for a direct link to the Railway Sector



5. sky Trotter Mobile Booth

Painting or sanding a whole train, bus or large vehicle without having to install expensive and large industrial spray booths is now possible with the new sky TROTTER.

The mobile spray booth can move towards the vehicle and approach the area that needs to be painted / sanded with no effort.



Main features:

- Can perform painting and sanding jobs on large vehicles
- Reaches 4,5 meters in height when fully deployed and can move up to 70 meters away from the power socket.
- 3 Stages filtration system with carboard filters, Paint-Stop and Activated carbon
- Fully operated from inside the booth with a user friendly control panel



6. Installations and clients

Railway



ALSTOM (ALGER-ALGERY) | ALSTOM (ORAN-ALGERY) | ALSTOM (CONSTANTINE-ALGERY) | ALSTOM (BARCELONE-SPAIN) | ALSTOM (MADRID-SPAIN) | ALSTOM (DUBAI - U.A.E.) | TRAMWAY DE L.AGL. RABAT-SALE (MAROC) | TRAINS EN CZECH REPUBLIC (LOSTR) | TRAINS IN POLAND (PKS) | RENFE -VALENCIA (SPAIN) | PATENTES TALGO- MADRID (SPAIN) | TALGO- MIRANDA DE EBRO- ÁLAVA (SPAIN) | FEVE- ASTURIAS (SPAIN) | CAF - BEA-SAIN (GUIPUZCOA) (SPAIN) | COVASUR -CAF - JAEN (SPAIN) | FEVE- ASTURIAS (SPAIN) | BOMBARDIER- SITE DE CREPIN (FRANCE) | BOMBARDIER- SITE DE SAHAGÚN (MEXICO) | SNCF - SITE DE NEVERS (FRANCE) | SNCF - SITE DE HELLEMES (FRANCE) | EMA - ENTREPRISE METRO D'ALGER - SITE DE SIDI BEL ABBES (ALGERY) | EMA - ENTREPRISE METRO D'ALGER - SITE DE SETIF (ALGERY)

Aeronautical and Renewables

DAHER-SOCATA (MARROC) | EUROCOPTER (AUSTRALIA) | JET AVIATION (SUISSE) | SOCATA (FRANCE) | EUROCOPTER DEUTSCHLAND (GERMANY) | GONVARRI - GESTAMP WIND STEEL, S.L. (INDE) | LEITNER SHRIRAM MFG.LTD. (INDE) | AERO VODOCHODY (CZECH REPUBLIC) | CSA (CZECH REPUBLIC) | SOLAR TURBINES (CZECH REPUBLIC) | SEA CHOMUTOV (CZECH REPUBLIC) | EGYPTAIR (EGYPTE) | AMA- AERO MAINTENANCE AQUITAINE (FRANCE) | AIRBUS - SITE TOULOUSE (FRANCE) | STI HIDROMETAL- SITE ARUDY (FRANCE) | STI HIDROMETAL - SITE SAINT MARTIN DE SEIGNANX (FRANCE) | LATECOERE (FRANCE) | LATECOERE (MEXICO) | EUROCOPTER - SITE DE QUERETARO (MEXICO) | DASSAULT - SITE D'ISTRES (FRANCE) | DASSAULT - SITE DE ARGENTEUIL (FRANCE) | EMBRAER (PORTUGAL ET BRESIL) | CASTLE AERO - MIRANDA DE EBRO (BURGOS) (SPAIN) | CASA - SEVILLA (SPAIN) | AEROPOXY - JAEN (SPAIN) | GAMESA AERONAUTICA- VITORIA (SPAIN) | GAMESA EOLICA- VITORIA (SPAIN) | GAMESA EÓLICA- SOMOZAS- LA CORUÑA (SPAIN) | EMESA- LA CORUÑA (SPAIN) | ACESA- LA CORUÑA (SPAIN) | TRANSMISIONES EÓLICAS DE GALICIA- LA CORUÑA (SPAIN) | NMF- ZARAGOZA (SPAIN) | METRALTEC - VITORIA (SPAIN) | COASA- ORENSE (SPAIN) | BASE AÉREA DE MORÓN- SEVILLA (SPAIN) | BASE AEREA - ZARAGOZA (SPAIN) | AVICOPTER- ALBACETE (SPAIN) | HELICÓPTEROS DEL SUDESTE- ALICANTE (SPAIN) | F.D. COIPER- LEON (SPAIN) | COMPOSITE- SANTA BÁRBARA (TOLEDO) (SPAIN) | ARIES COMPLEX- MADRID (SPAIN) | HORTA - LA CORUÑA (SPAIN) | HORTA COSLADA - MADRID (SPAIN) | AEROESTRUCTURAS SEVILLA, S.L. (SPAIN) | ARESA - VALLADOLID (SPAIN) | MPB AEROSPACE, S.L. - BOECILLO (VALLADOLID) (SPAIN) | GALVATEC, S.L. - SEVILLA (SPAIN) | FEYJOSA - MADRID (SPAIN) | ACCIONA BLADES - NAVARRA (SPAIN) | EADS CASA - STSA - SEVILLA (SPAIN) | EMESA - LA CORUÑA (SPAIN) | HORTA COSLADA - SORIA (SPAIN) | POLYSIER, S.A. - ASTURIAS (SPAIN) | ACCIONA BLADES, S.A. - NAVARRA (SPAIN) | TECNOARANDA - BURGOS (SPAIN) | EUROCOPTER - ALBACETE (SPAIN) | EUROCOPTER - ZARAGOZA (SPAIN)



Installations in Official Centres

IFI PEINTURE (FRANCE) | BASE AÉREA – ZARAGOZA (SPAIN) | BASE AÉREA DE TORREJÓN- MADRID (SPAIN) | GRUPO DE MANTENIMIENTO VI- VALLADOLID (SPAIN) | GRUPO DE MANTENIMIENTO- BASE SAN PEDRO- MADRID (SPAIN) | GRUPO DE MANTENIMIENTO AALOG 11- MADRID (SPAIN) | GRUPO DE MANTENIMIENTO AALOG 11- CEUTA (SPAIN) | SON TOUS- PALMA DE MALLORCA (SPAIN) | GRUPO LOGÍSTICO AUTOMÓVILES | EJÉRCITO DEL AIRE- MADRID (SPAIN) | CMAYMA- VALLADOLID (SPAIN) | CAMPAMENTO SAN CLEMENTE- GERONA(SPAIN) | IES- PUEBLA DE SANABRIA (ZAMORA) (SPAIN) | CENTRO DE FORMACIÓN IGNACIO ELLACURÍA- VITORIA (SPAIN) | INSTITUTO FORMACIÓN PROFESIONAL- VITORIA (SPAIN) | CENTRO DE FORMACIÓN- AVILÉS (ASTURIAS) (SPAIN) | AYUNTAMIENTO DE MADRID, LEÓN Y LAS PALMAS (SPAIN) | I.E.S CARABANCHEL BAJO- MADRID (SPAIN) | I.E.S SAN BLAS- MADRID (SPAIN) | I.E.S VIRGEN DE LA PAZ- ALCOBENDAS (MADRID) (SPAIN) | I.E.S PRADO DE SANTO DOMINGO- ALCORCÓN (MADRID) (SPAIN) | I.E.S ALARNES- GETAFE (MADRID) (SPAIN) | I.E.S FELIPE TRIGO- MÓSTOLES (MADRID) (SPAIN) | I.E.S MURCIA (MURCIA) (SPAIN) | I.E.S GERARDO MOLINA- TORREPACHECO (MURCIA) (SPAIN) | I.E.S BOTÁNICO LOSCOS- ALCARIZ (TERUEL) (SPAIN) | I.E.S VIRGEN DEL ESPINO- SORIA (SPAIN) | I.E.S RICARDO BERNARDO- SANTANDER (SPAIN) | I.E.S VIRGEN DE LA PAZ- ZARAGOZA (SPAIN)



Other industrial installations

RODMAN LUSITANIA (PORTUGAL) | NORRE SNEDE (DANEMARK) | SNINA (SLOVAKIA) | IRIZAR (ISRAEL) | PRO-FERM (FRANCE) | VALLOUREC (FRANCE) | PRODEM (FRANCE) | KANTO ISUKU (JAPAN) | HATO BUS (JAPAN) | NEXANS (MARROC) | HANGER PRESIDENCIAL (MEXICO) | OTTO JUNKERS (CZECH REPUBLIC) | KRAUSS MAFFEI (SLOVAKIA) | VPS (CZECH REPUBLIC) | GOZ (RUSSIA) | EL CORTE INGLÉS- CÁDIZ (SPAIN) | EL CORTE INGLÉS- MÁLAGA (SPAIN) | FOMENTO, CONTRATAS Y CONSTRUCCIONES- MADRID (SPAIN) | FOMENTO, CONTRATAS Y CONSTRUCCIONES- TENERIFE (TITSA) (SPAIN) | FOMENTO, CONTRATAS Y CONSTRUCCIONES- SEVILLA (SPAIN) | VALEO ILUMINACION- MALAGA (SPAIN) | INAMARSA- JAEN (SPAIN) | KESA- KOMATSU ESPAÑA, S.A- MADRID (SPAIN) | FRUMECAR- MURCIA (SPAIN) | THYSSEN BOETTICHER- MADRID (SPAIN) | AMVI- BURGOS (SPAIN) | FONTECHA- MADRID (SPAIN) | CASTROSUA- SANTIAGO (LA CORUÑA) (SPAIN) | MOTORTRANS- LLEIDA (SPAIN) | INTURASA- LA CORUÑA (SPAIN) | INTURASA – ORENSE (SPAIN) | INTURASA – LUGO (SPAIN) | NORMETAL- MADRID (SPAIN) | CITROEN HISPANIA- VIGO (PONTEVEDRA) (SPAIN) | DUPONT IBERICA- CASTELLON (SPAIN) | FAMISA- LA CORUÑA (SPAIN) | MURSEN – MURCIA (SPAIN) | MIROFRET – MURCIA (SPAIN) | LUCAS VEHÍCULOS FRIGORÍFICOS – MURCIA (SPAIN) | TALLERES SURESTE – MURCIA (SPAIN) | IVECO ESPAÑA – MADRID (SPAIN) | ABB – VALLADOLID (SPAIN) | LIPASAM – SEVILLA (SPAIN) | EMPRESA MUNICIPAL DE TRANSPORTE – MADRID (SPAIN) | EMT – EMPRESA MUNICIPAL DE TRANSPORTE – (ENTREVIAS) MADRID (SPAIN) | EMT – EMPRESA MUNICIPAL DE TRANSPORTE – (FUENCARRAL) MADRID (ESP). | EMT – EMPRESA MUNICIPAL DE TRANSPORTE – (SANCHINARRO) MADRID (ESP). | BACH COMPOSITE – LEON(SPAIN). | CYMASA – LA CORUÑA(SPAIN) | REMOLQUES TISVOL – VALENCIA (SPAIN).

