

What are dreams made of?

FOUNDED IN
1952

- 3 generations achieving a dream.
- Based in Barcelona.
- Worldwide presence with 2.000+ installations.



Riera Nadeu 

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A standard in quality and innovation

Leader in the most demanding industries

- Filtering batch centrifuges for Pharma process.
- Horizontal and vertical designs.
- Automatic discharge.



A standard in quality and innovation

Leader in the most demanding industries

- _Filtering batch centrifuges for Chemical process.
- _Horizontal and vertical designs.
- _Automatic and manual discharge.



A standard in quality and innovation

Leader in the most demanding industries

- _Decanting batch centrifuges for Biotech or Pharma process.
- _Sterilization In Place design.
- _Automatic and manual discharge.



A standard in quality and innovation

Leader in the pharmaceutical and chemical industries

- _ Supercentrifuges.
- _ High speed decanting tubular rotor design.



riera  **nadeu**
www.rieranadeu.com

A standard in quality and innovation

Leader in the pharmaceutical and chemical industries

- _Continuous filtering centrifuges.
- _High throughput process.



A standard in quality and innovation

Leader in the pharmaceutical and chemical industries

- _RINA Flash Dryers.
- _Atomization or wet solid drying.



A standard in quality and innovation

Leader in the pharmaceutical and chemical industries

- _RINA Spray Dryers.
- _Open circuit or close loop ATEX design.



A standard in quality and innovation

Leader in the pharmaceutical and chemical industries

_RINA Jet Mills.

_Fine and homogeneous particle size distribution.



A strong commitment

To customers and projects.

- _Several references within the most important leaders of the industry.
- _Highest satisfaction of our partners.



ESTEVE

MERCK



SOLVAY
asking more from chemistry®

GRIFOLS

SANDOZ A Novartis
Division

BASF
We create chemistry

 **Boehringer
Ingelheim**



SANOFI 

© *Johnson & Johnson*

ARKEMA
INN V TIVE CHEMIST

FAREVA

أرامكو السعودية
saudi aramco 

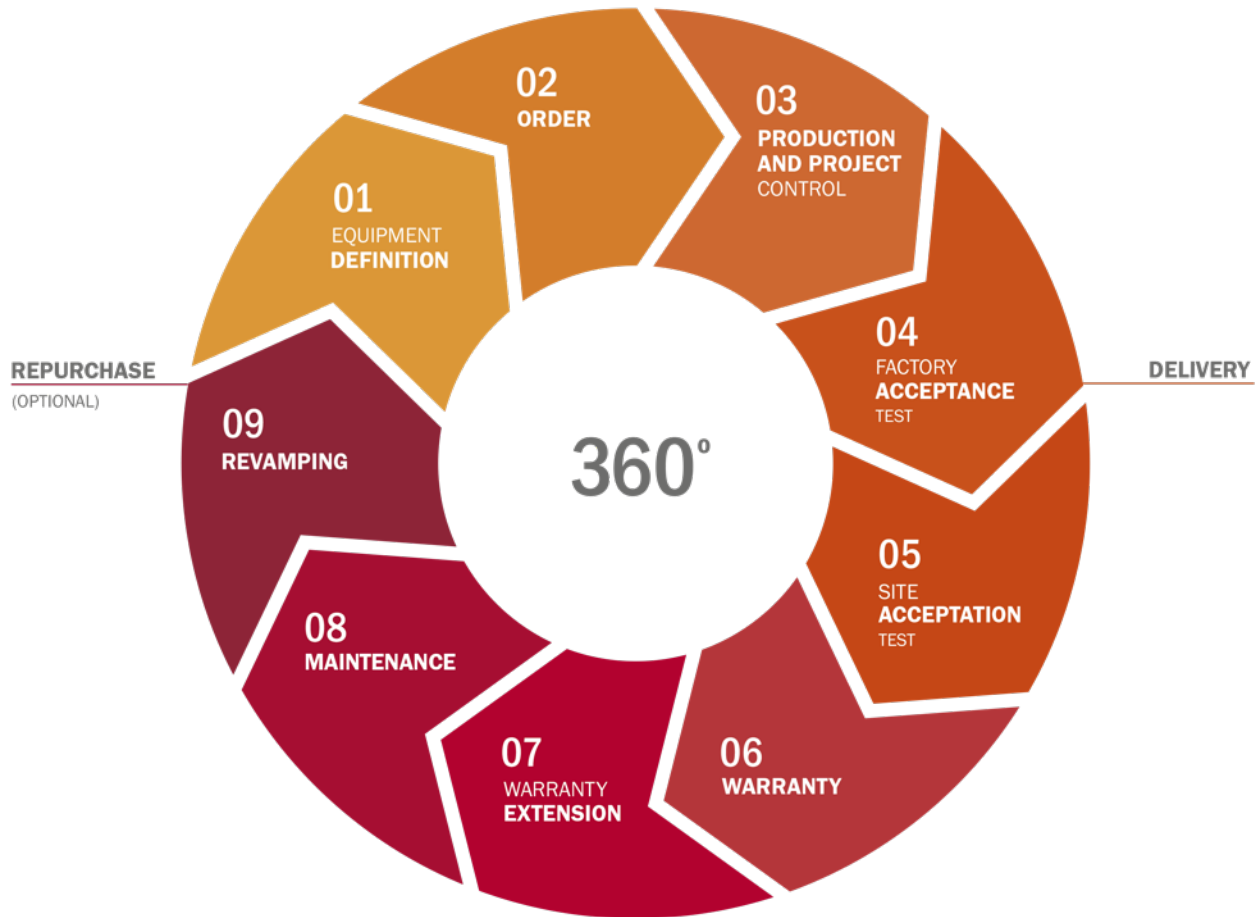
MOEHS
FINE CHEMICALS

 **ALBEMARLE®**



A strong commitment

—Long-term cooperation during the whole life cycle of your projects.



A strong commitment

Pre-sales and Engineering advices for the best solutions.



A strong commitment

- _RINA Services for commissioning, start-up and training.
- _RINA Services for technical support and process optimization.
- _RINA Services for spare parts, maintenance and urgent assistance



A strong commitment

Maximum quality of works performance.



100% Made in
Barcelona

- _ Ethic commitment to our ecosystem: people, ecology and energy.
- _ Quality system ISO.
- _ Lean Manufacturing-



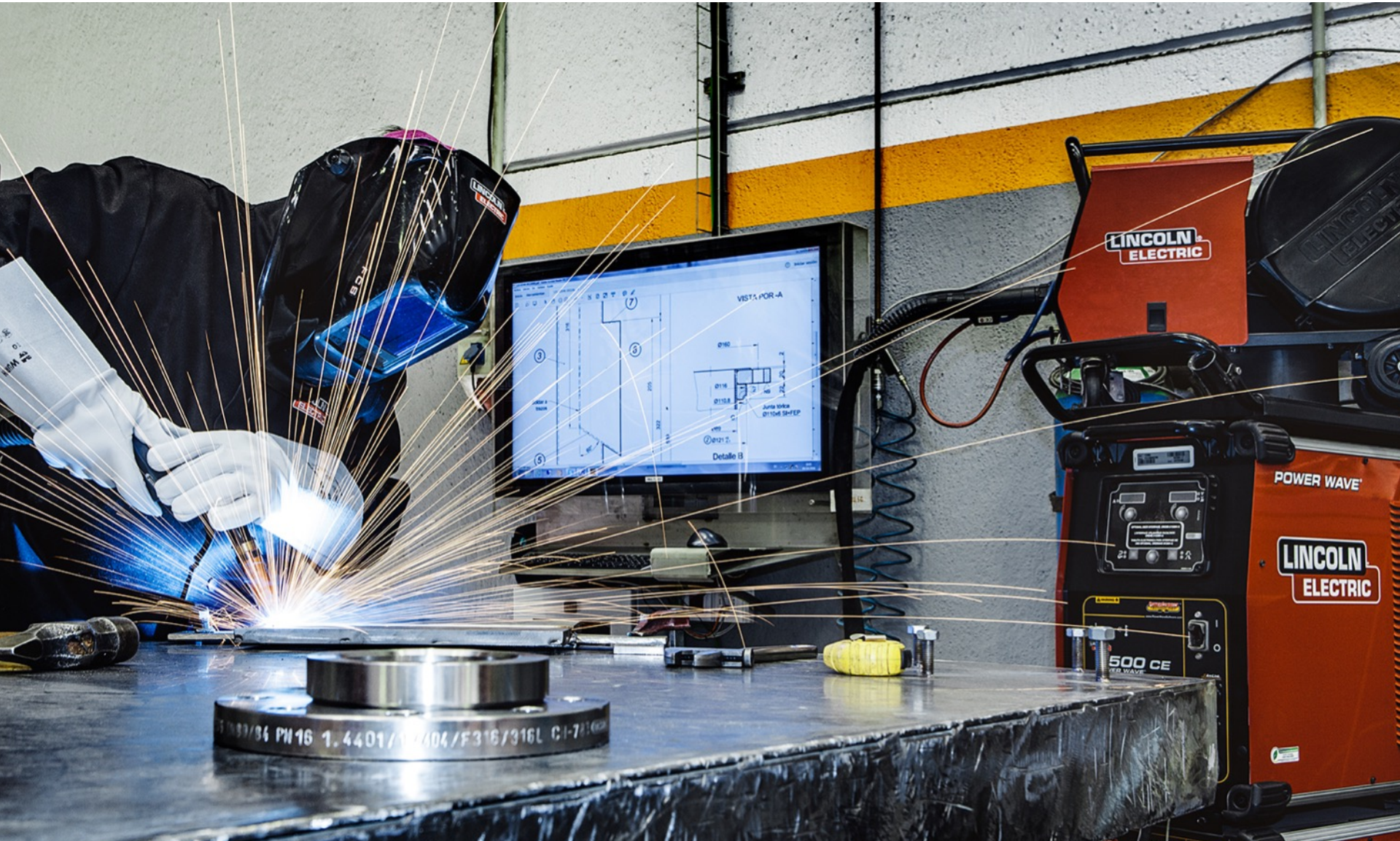
**100% Made in
Barcelona**

- Manufacture and assembling are 100% done at our Barcelona facilities.
- All processes in the project are 100% digitally controlled.



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**100% Made in
Barcelona**

- _ Manufacture and assembling 100% done at our Barcelona facilities.
- _ Tailor made automation solutions.



**Opportunities don't happen,
You create them**

**Laboratory Test Center to define the best process solutions
for your requirements.**



**Opportunities don't happen,
You create them**

High skilled expertise to secure your investment.



**Opportunities don't happen,
You create them**

Exclusive and innovative solutions.



**Opportunities don't happen,
You create them**

_Cooperating with the best elec & automation standards in the market.



**Opportunities don't happen,
You create them**

Efficient spare parts and service management to secure the performance of your plant.



**Differentiation
& exclusivity**

Long experience in the most demanding industries



**Riera Nadeu
for:**



Biotech



Fine Chemical & Pharma



Food



Basic Chemical



Mining



Oil & Gas











Upcycling

Differentiation & exclusivity

- _ Ethic commitment to our ecosystem: people, ecology and energy.
- _ External audits and Quality system ISO 9001.
- _ Lean Manufacturing.



	Marking	Explosive atmosphere	Standards	Classification	Protection levels	Protection levels	Good practices
Europe	<p>Certification</p> <p>Conformité Européenne</p>  <p>2006/42/EC Machines Directive</p> <p>2014/35/UE LVD Low Voltage Directive)</p> <p>2014/30/UE EMC (Electromagnetic Compatibility)</p>	 <p>International Electrotechnical Commission System for Certification to Standards Relating to Equipment for Use in Explosive Atmospheres</p>	<p>(IEC)</p> <p>International Electrotechnical Commission</p>	<p>IEC Classification IEC 60079</p>	 <p>IEC/ATEX Equipment Protection Level (EPL) ATEX directive (ATEX 2014/34/EU)</p>	<p>IP Rating</p> <p>Ingress Protection Codes IPxx (IEC 60079)</p>	
US / Canada	<p>Approval</p>  <p>Underwriters Laboratories</p> <p>Underwriters Laboratories of Canada</p>		<p>(NEC/CEC)</p> <p>National Electrical Code/Canadian Electrical Code</p>	<p>ANSI/NFPA 70 NEC Article 505</p>		 <p>NEMA National Electrical Manufacturers Association</p> <p>NEMA Enclosure Types)</p>	
Russia	<p>Approval</p>  <p>Euro-Asian Council for Standardization, Metrology and Certification (EASC)</p>						

Based on CE standards or other request



PRODUCT MAP								
Centrifuge Separation				+	Drying		+	Milling
Suspension			Liquid/Liquid mixture	Solution/Suspension	Wet solid	Dry powder		
Batch filtering	Batch decanting	Continuous filtering	Continuous decanting	Continuous atomization feed	Continuous conveying feed	Continuous injection		
RINA 200F Vertical Manual	RINA 200D Vertical Manual F/D	RINA 500F Vertical	RINA SRP S	RINA Flash Dryer	RINA Flash Dryer	RINA Jet Mill Vertical Manual F/D		
RINA 300F Vertical Automatic	RINA 300D Vertical Automatic F/D			RINA Spray Dryer				
RINA 700F Horizontal Automatic	RINA SRP C Manual							
	RINA SRP AD Automatic							
Wet Solid + Liquid			2 separated liquids	Dry Powder		Powder <10µm		
Biotech design Life science industry	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>			<input checked="" type="checkbox"/>			
Pharma design Fine chemical industry Food industry	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>
Food grade design Agrochemical industry					<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>
Chemical design Bulk chemical Mining industry Oil & Gas Upcycling	<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>

