



# **RECAM LÀSER**

ENGINEERING AND METALLIC CONSTRUCTION



# COMPANY

Recam Làser was founded in 1998 by Pere Barrios.

We develop and produce any type of metallurgical solution to solve the needs of our customers. We can supply the fully finished product.

The main headquarters and factories 2 and 3 are located in Caldes de Montbui, Barcelona.

With a total of 21.000m<sup>2</sup> and a team of 170 people.

The division of heavy boilermaking and structures is located in Espiel, Cordoba, with factories 4 and 5, adding 43.000m<sup>2</sup> more and a team of 110 people.

Main sectors we work for:

- Automotive
- Railway
- Building
- Lighting
- Capital equipment
- Mining
- Energetic
- Environmental
- Agro-alimentary

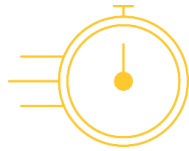




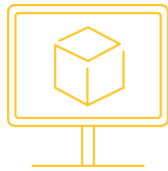
# WE OFFER



Immediate quotation.



Urgent Services  
(One day Service / One hour Service).



3D simulations to validate the viability  
of the product.



State of the art machinery.



From a prototype to mass production.



From a small part to large dimensions  
structures.



# DIVISION SERVICES

Laser cutting

3D laser cutting

Laser tube cutting

Tube bending

Engineering

Welding

Robot welding

CNC bending

CNC machining

Laser engraving

Waterjet cutting

Adhesive bonding

Assemblies

3D printing

Structural profiles  
bending

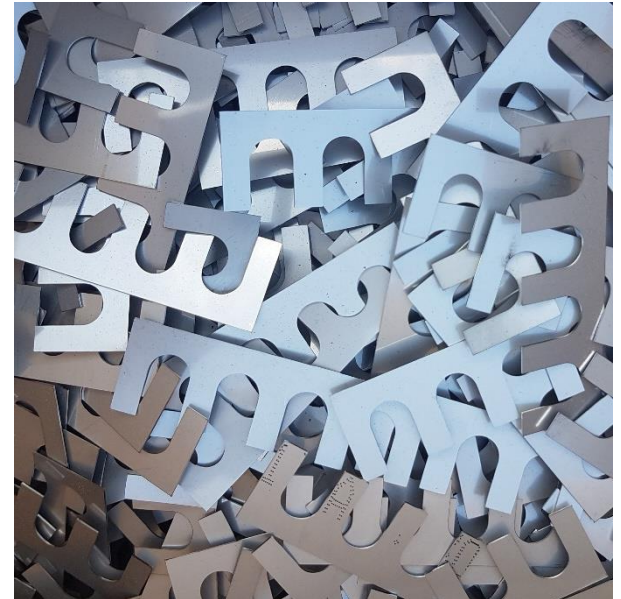


# LASER CUTTING

Laser cutting was the first service offered at Recam Laser, being pioneers in our country.

23 laser equipment up to 8000W for metal sheet cutting.

3 lasers for non-metallic materials.





# 3D LASER CUTTING

3D laser cutting machines for three-dimensional profiles.

A fast and fluid machining of the more complex geometries is obtained by changing the cutting angle and with rotating movements.







# LASER TUBE CUTTING

Laser tube cutting in different shapes:

- Round
- Square
- Rectangular
- Oval
- Elliptical
- Special shapes





# TUBE BENDING

The ideal complementary process to the laser tube cutting.

Tube bending to manufacture components or sets that simplify, complement and beautify the product.







# ENGINEERING

Our qualified team of professionals will help to define and develop any type of solution, as well as the needed previous calculations.

Our own ERP (RecamSoft) helps the fast and efficient management of production, sales, logistics, inventory, shipping and account operations.

The screenshot displays the RecamSoft ERP interface with the following data tables:

Cda	Tipus	C...	T...	Cda client	Plaç	D. Cda	Previst	Confirmat	D. Exp	Entregat	T...	Em...	P...	Estat	Client	Import	Pressup...	Albarà	Bq	Inc
263299	Normal	A...	A...	cda263113		22/07/2019...	26/08/2019				39			PROCÉS	R+D+I - 3					
263524	Normal	M...	M...	UTIL SOLDAR 567832		25/07/2019...	06/08/2019				56			PROCÉS	R+D+I - 3					
263536	Normal	M...	M...	UTIL SOLDAR 567834		25/07/2019...	06/08/2019				35			PROCÉS	R+D+I - 3					
263560	Normal	A...	J...	cda262623		25/07/2019...	29/07/2019				20			PROCÉS	R+D+I - 3					
263702	Normal	M...	M...	UTIL CORVAR 568553		29/07/2019...	08/08/2019	01/08/2019			25			PROCÉS	R+D+I - 3					
263886	Interna	C...	C...			01/08/2019...	20/08/2019				1...			PROCÉS	R+D+I - 3					
264029	Normal	M...	M...	UTIL PLEGAR 320523		06/08/2019...	23/08/2019				25			PROCÉS	R+D+I - 3					
264694	Interna	A...	A...	modificació UTILS EM...	1 Dia	05/09/2019...	06/09/2019	09/09/2019			29			PROCÉS	R+D+I - 3					
264707	Interna	A...	A...	reutilitzar	1 Dia	05/09/2019...	09/09/2019							ACTIVA	R+D+I - 3					
264884	Normal	A...	A...	mail 10/09/2019, 9:5...	1 Dia	10/09/2019...	12/09/2019				32			PROCÉS	R+D+I - 3					
265122	Normal	A...	J...	REPETICIÓ PARCIAL ...		17/09/2019...	23/09/2019				1...			PROCÉS	R+D+I - 3					
265541	Normal	P...	P...	test v2		24/09/2019...	04/10/2019				52			PREPARADA	R+D+I - 3	5,00 €				
265684	Normal	A...	A...	CDAZ63952	1 Dia	26/09/2019...	27/09/2019				62			PROCÉS	R+D+I - 3					
265712	Normal	A...	A...			27/09/2019...	09/10/2019							ACTIVA	R+D+I - 3					

Q.S.	Q.F.	Descripció	Producte	Tipus	Material	Acabat	G...	T...	PLE	ME	S...	EXT	MU	CQ	Secció	Preu	Dte	Import
1		utilitge para el p...	575398	Con...											Muntatge		100	
1		MORDAZA MOV...	575399	Con...											Soldadura			
1		394992_ALBA_C	575401	Xapa	FERRO	3	SI		SI						Soldadura			
1		394992_ALBA_D	575402	Xapa	FERRO	3	SI								Soldadura			
4		394992_ALBA_F	575403	Xapa	FERRO	3	SI								Soldadura			
1		394992_ALBA_H	575404	Xapa	FERRO	3	SI								Soldadura			
1		526069_ALBA...	526470	Mas...	FERRO										Soldadura			
2		526069_ALBA...	575407	Mas...	FERRO				SI						Soldadura			
1		MORDAZA FIJA...	575400	Con...											Soldadura			
1		394992_ALBA_E	575408	Xapa	FERRO	3	SI		SI						Soldadura			
4		394992_ALBA_C	575409	Xapa	FERRO	3	SI								Soldadura			

O...	CJT	Ongen	Proces	Secció/Proveedor	Q.S.	Q.F.	Preu	Estat	Observacions
1			Muntatge	Muntatge	1			PREPARAT	
2			Altres		1			BLOQUEJAT	ENTREGAR A PLEGADORAS

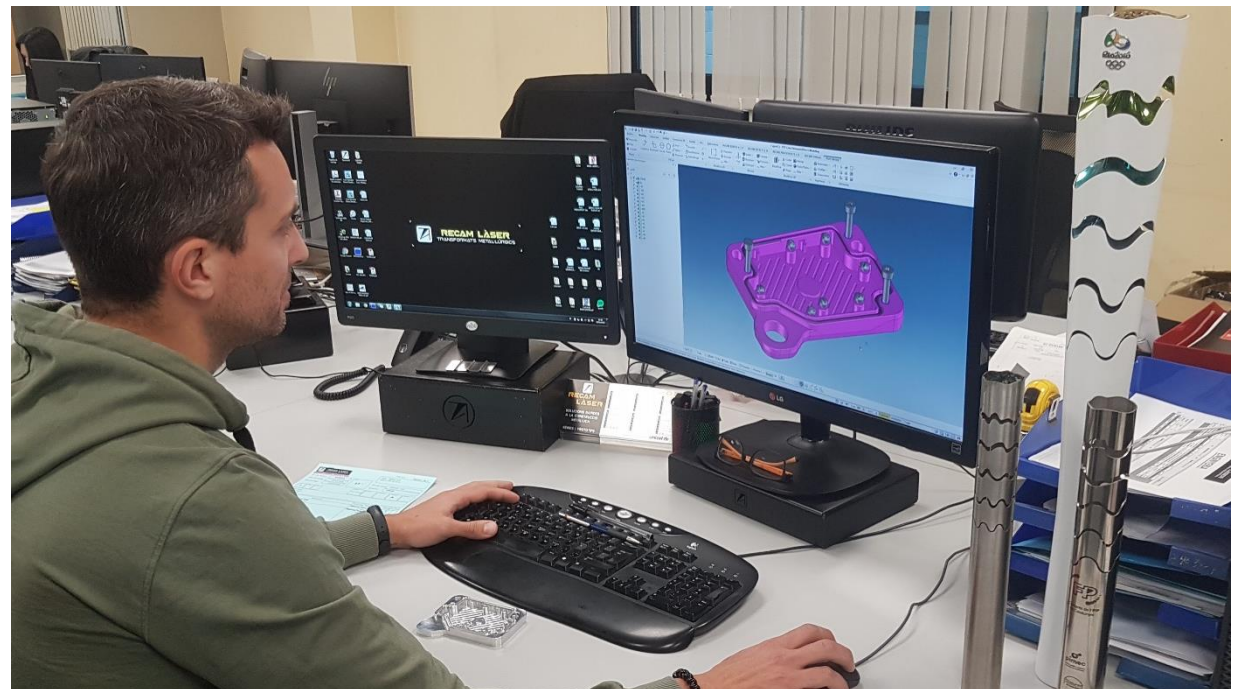
Additional interface elements include a sidebar with filters like 'Mostrar Cdes Servides/Ferralla', 'Mostrar Cdes Clients Associats', and 'Mostrar Cdes No Facturables'. A 3D model of a mechanical part is shown in the bottom right corner, labeled 'Veure Geo'.



# ENGINEERING

Our working system allows us to virtually supervise and validate the products before their production.

The off-line programming of the industrial processes provides the final result before manufacturing.





# WELDING

We have the highest level of certification:

- 15085-CL1
- 3834-2
- 1090-EX4

Large team of experienced welders.

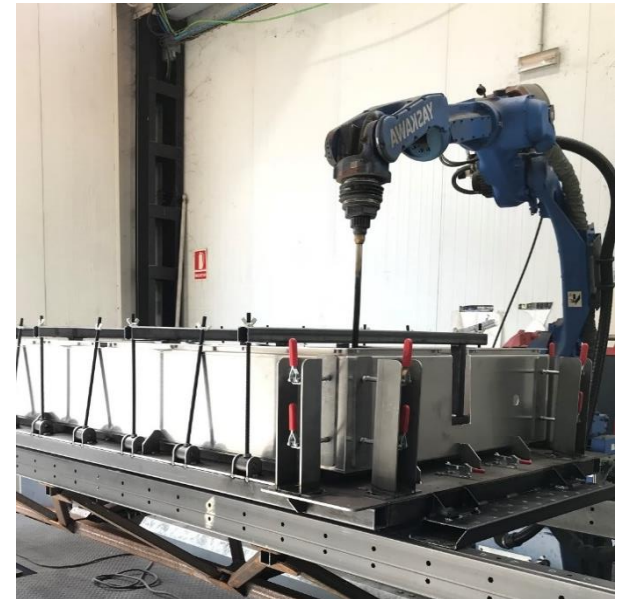
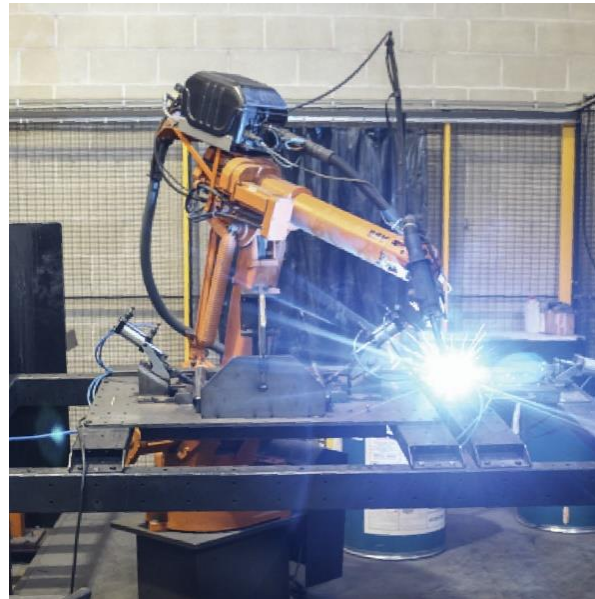




# ROBOT WELDING

Robot welding to standardize the quality of the parts and reduce the processing time.

TIG, MIG, CMT, submerged arc and laser welding.

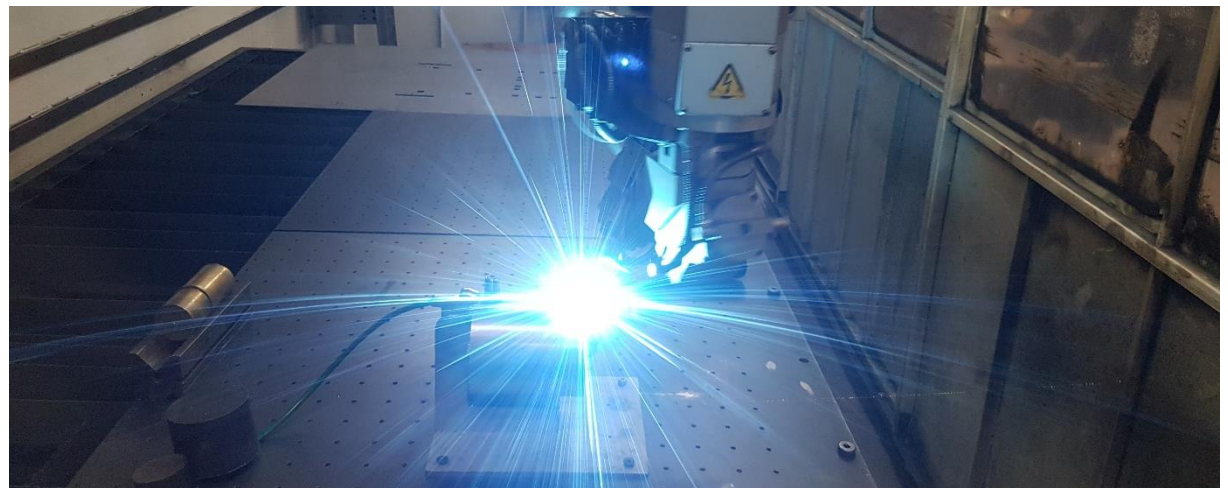
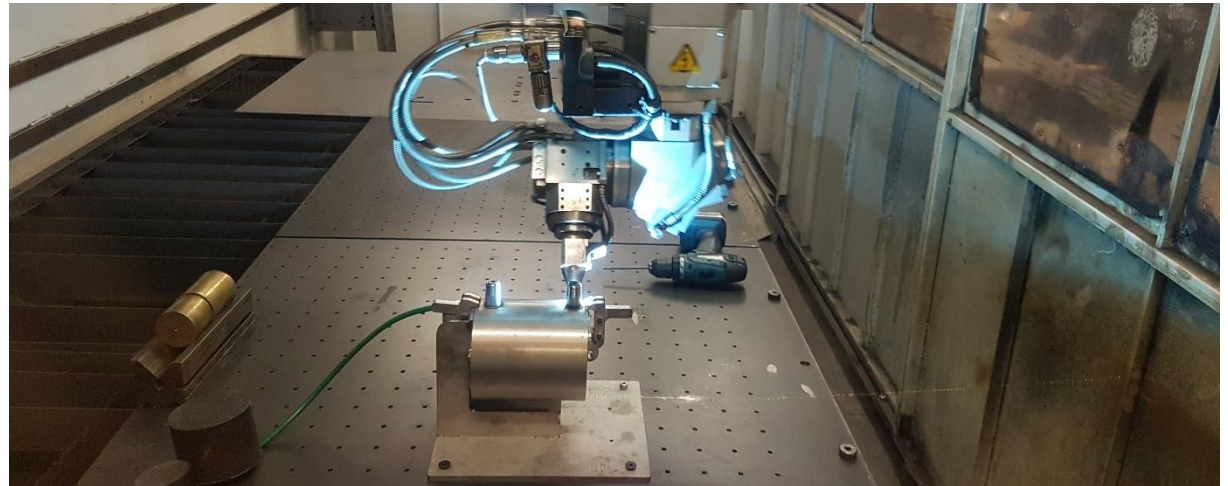






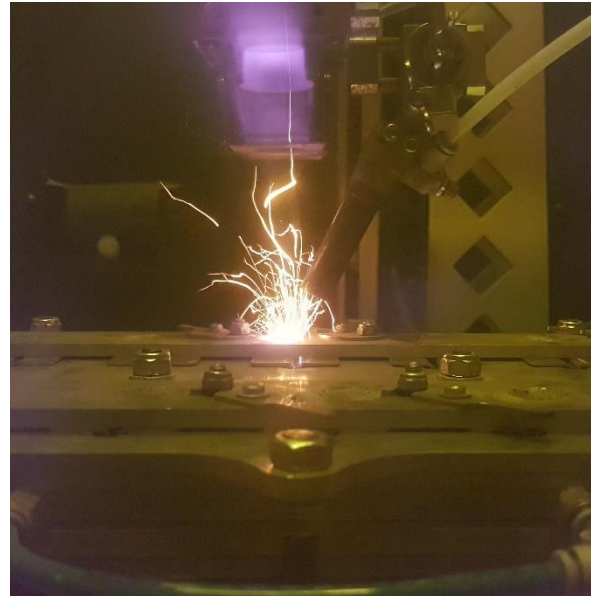
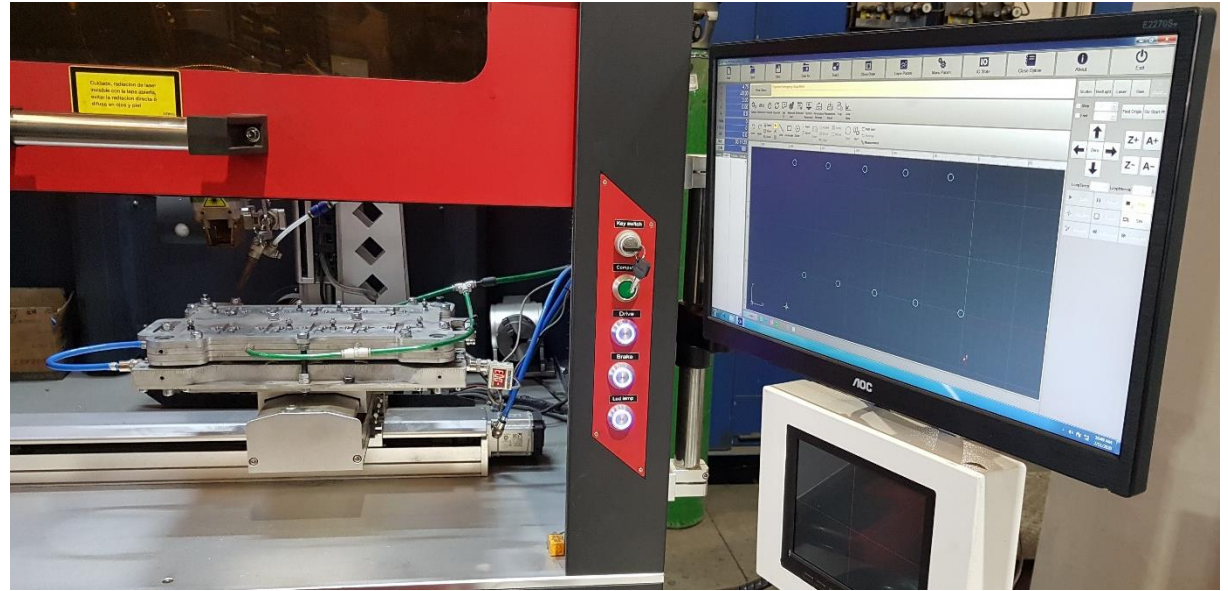
# LASER WELDING

Different machines implementing this technology, for each requirement.





# LASER WELDING



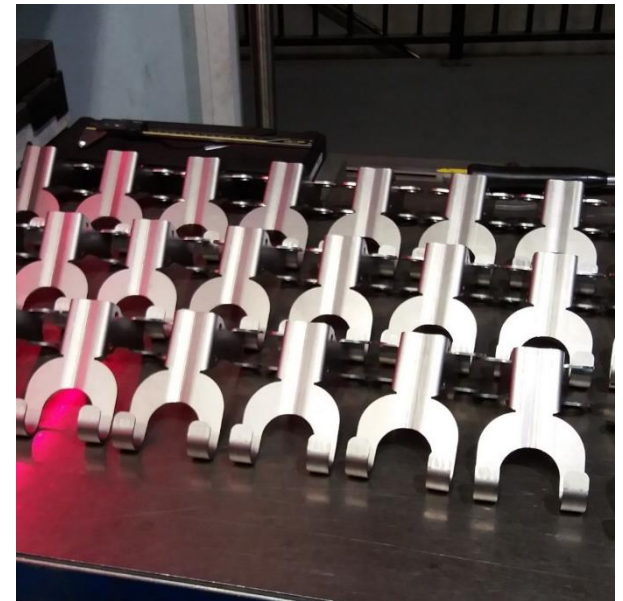
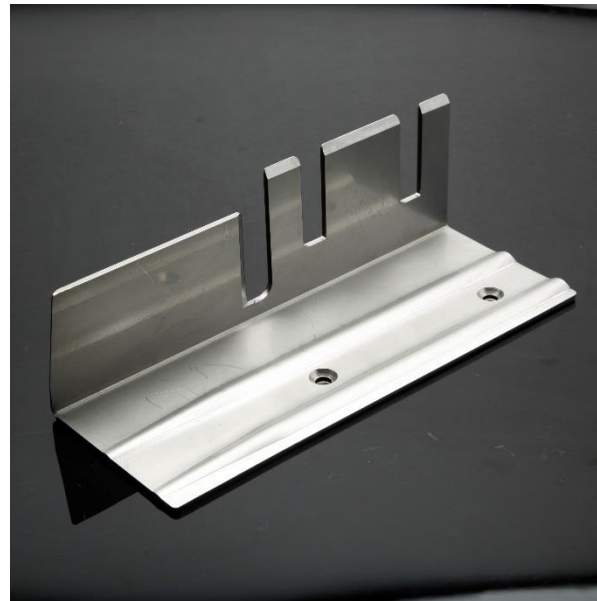


# CNC BENDING

State-of-the-art machinery and technology for metal sheet bending.

Thanks to the off-line programming, we know whether the piece can be produced before its machining.

CNC technology allows work repetition with more accuracy, reducing time and cost.







# CNC MACHINING

8 machining centers in 3 and 5 axes,  
4 "C" axis lathes and conventional machinery.

Production of the most complex parts, thanks to  
the virtual programming, our team and  
experience.





# LASER ENGRAVING

Laser engraving for all types of shapes, materials and surfaces.

Use of Yag, Fiber or CO2 technology depending on the material to be engraved.





# WATERJET CUTTING

Waterjet cutting is used to work with the materials that due to their composition – thickness, thermal affectation and/or toxicity – do not allow laser cutting.

High precision cutting obtained in both, hard and soft materials.

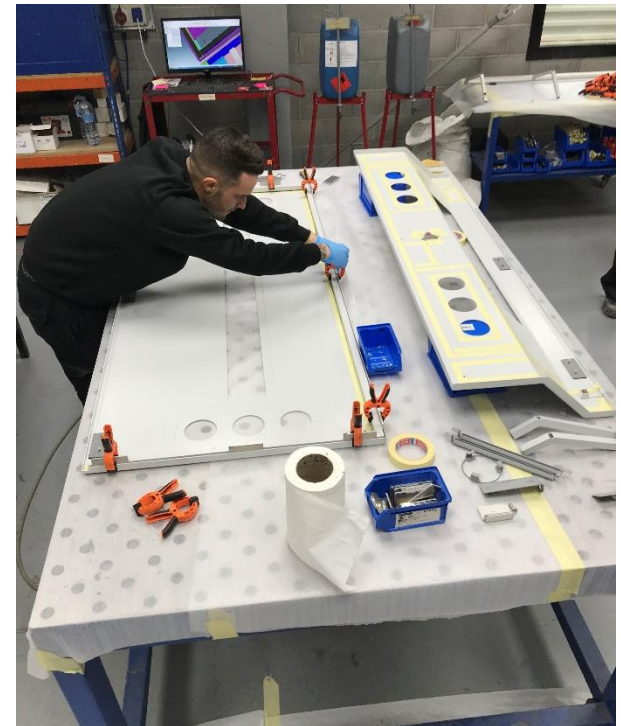
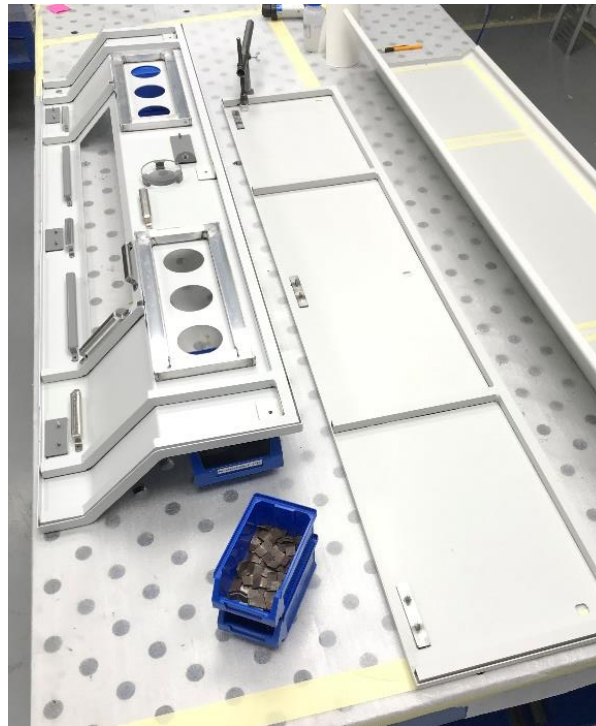




# ADHESIVE BONDING

Clean Room for the execution of this process.

We are Din 6701 and Din 2304 certified.







# ADHESIVE BONDING

Any kind of adhesive bonding totally guaranteed.





# ASSEMBLIES

Our assembly section is at your disposal for turnkey projects.

Kinds of assembly:

- Mechanical
- Electric
- Electronics
- Hydraulic
- Pneumatical
- Etc.





# 3D PRINTING

3D printing services, both in metal and plastic materials.

We work with different techniques according to the specific requirements of the task.

Today it is already possible to launch medium series.







# DIVISION

## HEAVY BOILERMAKING - STRUCTURES

### **FAESA**



We design and manufacture innovative and high added value solutions related to design, assembly and manufacturing of metal structures and heavy boilermaking.





# HEAVY BOILERMAKING - STRUCTURES

## FAESA

## HEAVY BOILERMAKING

We have hoisting equipment up to 32 Tn.

Large dimensions metal sheet bending machines.





# HEAVY BOILERMAKING - STRUCTURES

**FAESA**

## STRUCTURES

We have CNC cutting and drilling lines and profile bending machines.







# HEAVY BOILERMAKING - STRUCTURES

## FAESA

### SHOT BLASTING AND PAINTING





# HEAVY BOILERMAKING - STRUCTURES **FAESA**

## ASSEMBLY ON SITE

Team with great experience in adapting to the work.





# MACHINERY PARK

- LASER CUTTING MACHINES (Fiber and CO2)
- LASER TUBE CUTTING MACHINES
- 3D LASER CUTTING AND WELDING MACHINES
- TUBE BENDING MACHINES
- PROFILE BENDING MACHINES
- PUNCHING MACHINES
- LASER WELDING MACHINES
- LASER ENGRAVING MACHINES
- CNC BENDING MACHINES
- CNC MILLING MACHINES
- CNC TURNING MACHINES
- MIG / MAG WELDING ROBOTS
- CMT WELDING ROBOTS
- TIG WELDING ROBOTS
- SUBMERGED ARC WELDING ROBOTS
- TIG LINEAL WELDING MACHINES
- WATERJET CUTTING MACHINES
- PLASMA AND OXY-FUEL CUTTING MACHINES
- ROLLING MACHINES



# RECAM GROUP

Recam Group consists of several companies.

Recam Làser is the parent Company.

## Recam Làser S.L.

Caldes de Montbui - Barcelona

## Recam Xapa S.L.

Caldes de Montbui - Barcelona

## Recam Bages S.L.

Castellbell i el Vilar - Barcelona

## Laser PC

Sentmenat - Barcelona

## Recam Làser Levante

Ibi - Alicante

## Valls Làser S.L.

Valls - Tarragona

## Defisa S.A.

Madrid

## Faesa S.A.

Espiel - Cordova

International companies:

## Nova Laser S.A.C.

Peru

## Tectool S.A.

Argentina

## Tecmetal S.A.

Chile

## Recam Laser Natal

## Metalúrgicos Idta.

Brazil

## Recam Làser

## Internacional S.A. de C.V.

Mexico





# CONTACT

## Recam Làser S.L.

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### FACTORY 2

Industrial Park “La Borda” – La Selva , 22 - 08140 – Caldes de Montbui – Barcelona - Spain

### FACTORY 3

Industrial Park “La Borda” – Garraf, 33 - 08140 – Caldes de Montbui – Barcelona - Spain

### FACTORY 4

Industrial Park “El Caño II” – Plot 10 - 14220 – Espiel – Cordoba - Spain

### FACTORY 5

Industrial Park “El Caño II” – Plot 1 - 14220 – Espiel – Cordoba - Spain

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