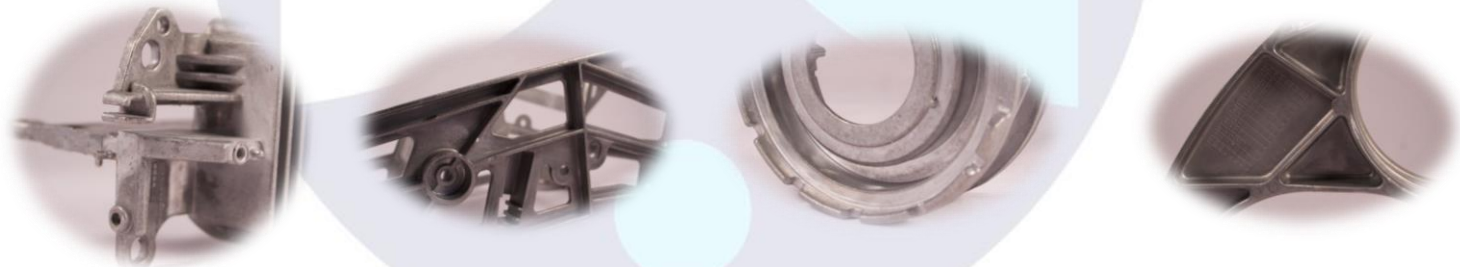




**Your solution for Aluminium & Zamak
High Pressure Die Castings**





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I. COMPANY OVERVIEW





Our Expertise, our Know-How

- ❖ Created in 1981 in Burgos (Spain), JULCAR is nowadays a leading manufacturer of:
 - Aluminium and Zamak High Pressure Die Castings
 - Making parts from 10g to 2.5kg
 - Series from 30.000 up to 800.000 per year (depending part size)
 - Specialized in the **Automotive industry (85%)**
 - JULCAR always offers an optimal service to its clients, from the development of the part to its serial production.
- ❖ As a result of the experience acquired over the years and the constant investments made, JULCAR follows:
 - To base its business on continuous improvements to respond to the strict demands of the market.
 - To guarantee the delivery of high-quality parts at competitive prices
- ❖ Our strengths are:
 - Our qualified and devoted **human team** (70 employees)
 - Our **flexibility**
 - Our **pro-activity**
 - Our **know-how**



How to reach Burgos?



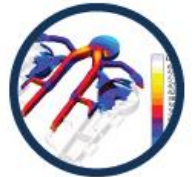
BY CAR

FROM TO	TIME	HIGHWAYS
Bilbao-Burgos	1h30	AP-68 and AP-1
Madrid-Burgos	2h30	A-1
Barcelona-Burgos	5h30	AP-2 and AP-68

Full Service to our Clients

- ❖ Our main objective is the total satisfaction of our customers.
- ❖ Therefore, we provide a comprehensive response to their needs
- ❖ For that, JULCAR always collaborates with qualified and trustworthy suppliers that guarantee us the best results.
- ❖ We also provide our customers with prototype parts by manufacturing a prototype mold or through specialized companies

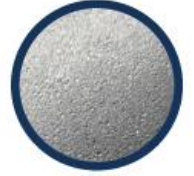
Services	Internal process	External process
MOLD FLOW SIMULATION		X
TECHNICAL SUPPORT	X	
TOOL MANUFACTURING:		
• Mold		X
• Trimming cut		
INJECTION	X	
SURFACE FINISHING:		
• Vibrating	X	X
• Shot-blasting		
MACHINING	X	X
ASSEMBLY	X	X
SURFACE TREATMENT:		
• Painting		
• Cataphoresis		X
• Chrome plating		
• Zinc plating, etc		



Simulación



Pieza vibrada



Pieza granallada



Montaje



Tratamiento

Our close relationship with our customers

- ❖ When JULCAR is nominated for a new project, **the communication with our customers is multiplied.**
- ❖ During mold construction, JULCAR will not hesitate in giving to our client **some technical recommendations** :
 - To improve the geometry of the part
 - To eliminate any weak areas in mold, strengthen it to avoid production issues and so, to ensure a high-quality part.
- ❖ We will send to our customers updated **planning's joined with pictures** to maintain them informed about the state of the project and ensure that we are complying the milestones till the homologation.
- ❖ During serial production, we keep focusing in maintaining a close relationship, **willing to always respond to their needs**, to any urgency or other problems that could occur.



Follow up



Ensuring Quality by Continuous Improvement

- ❖ To ensure an **optimal service** at any time from the development of the part to its serial production, **we closely work with experienced and reliable suppliers.**
- ❖ Even if they are certified ISO 9001 and/or IATF 16949, we keep **sharing our own standards and expectations** to promote good practice among them and keep improving the quality of products, our services or processes.
- ❖ Our aim is obviously to build a **Trustful Long-Term Relationship** with our suppliers, just as we do with our customers.



II. CERTIFICATIONS



ISO 9001, IATF 16949 and ISO 14001 Certifications

- ❖ True to the commitment of quality, to the continuous improvement of our processes and to the satisfaction of our customers, **JULCAR** effectively work under the following Quality and Environmental management systems:



- **ISO 9001** to continue identifying the requirements to **achieve an optimal Quality Management System**



- **IATF16949** establishes the **strictest requirements** for the application of the ISO 9001 standard for serial production and original spare parts in the automotive industry. Our main objective is **to keep making continuous improvements with an emphasis on preventing defects and waste in the supply chain.**



- **ISO14001** to:
 - **Optimize resources and waste management**
 - Promote environmental protection and **pollution prevention**
 - Provide a **better, safe & healthy environment**

Our Focus on Quality

- ❖ To guarantee that our processes carried out comply with the requirements of our customers, our quality department has the following main quality means:

- **3D machine with ball probe and / or scan**
- **Spectrometer**
- **X ray machine**
- Traction-breaking machine
- Dynamometer
- Roughness tester
- Thickness gauge
- Profile projector
- Poka-Yoke
- Control gauges
- Go-No Go
- Calipers
- etc



- ❖ We also work with approved external laboratories to carry out **specific tests**.

III. PRODUCTION DATA



Productive means

❖ 9 ALUMINIUM MACHINES

- ADER 160T
- ITALPRESS 300T
- IDRA 320T
- IDRA 420T
- COLOSIO 550T
- PRETRANSA 560T
- ITALPRESSE 750T
- IDRA 900T
- FRECH 1.250T

❖ 3 ZAMAK MACHINES

- URPE 80T
- URPE 160T
- URPE 220T

❖ OTHERS:

- DRILLS MACHINES
- THREADING MACHINES
- VIBRATING MACHINES IN DRUM
- VIBRATING / DRYING MACHINE IN BELT CONVEYOR
- SHOT-BLASTING



Built area: 5.500 m²

Factory flow plan

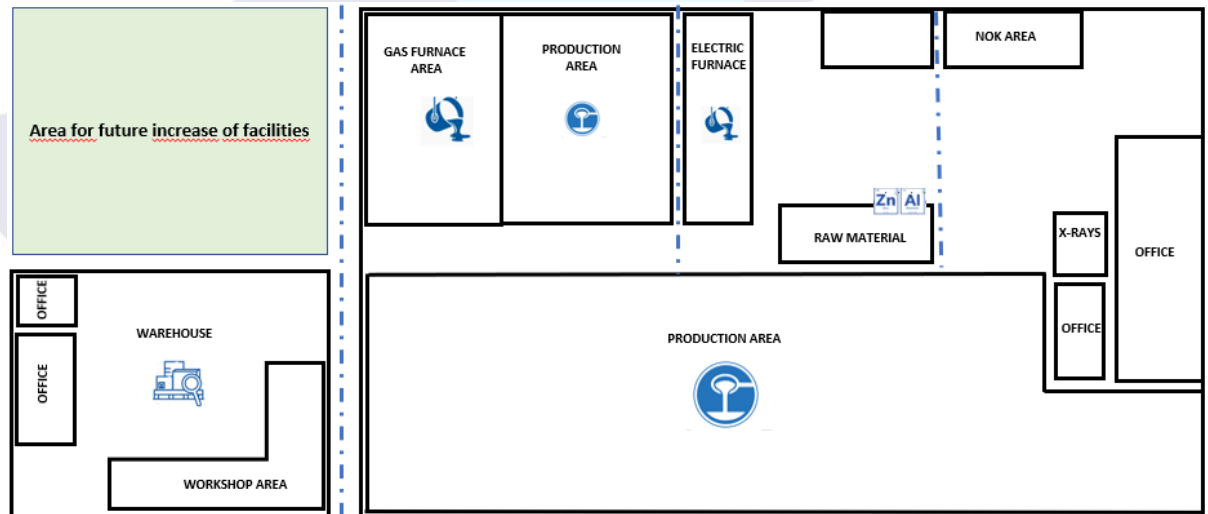
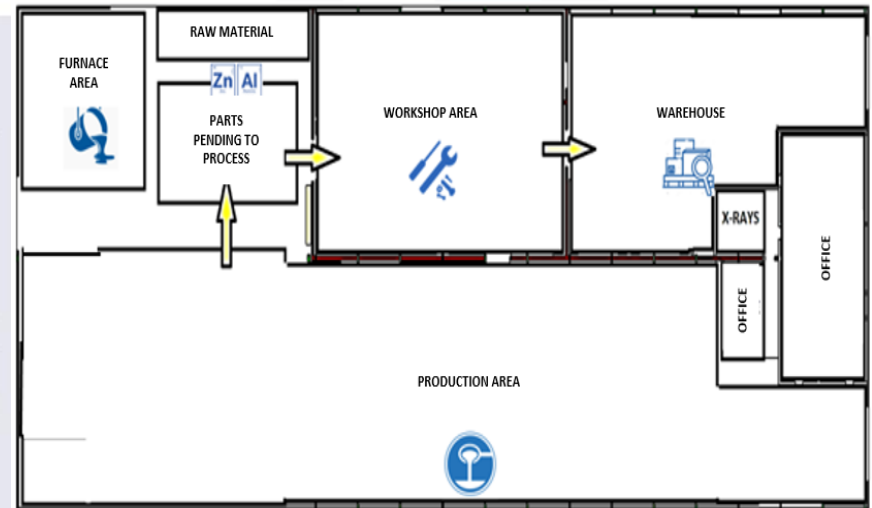
Before:
4.500m²

Hardware warehouse



Currently:
5.500m²

Hardware warehouse



Raw Material Details

- ❖ In order to provide the best service to our customers, JULCAR offers a **wide range of alloys** whose mechanical characteristics are different and adaptable to any of your projects.
- ❖ The raw material plays a fundamental role in the internal quality of the part, for this reason, JULCAR systematically controls with a spectrometer the chemical composition of each of its alloys upon receipt.

ALUMINIUM

AB43400
AB43500
AB44100
AB44300
AB46000
AB46100
AB46500
AB47100
Silafont36

ZAMAK

ZL2
ZL3
ZL5
ZL8
ZL27



Tons/Year	2016	2017	2018	2019	2020	2021	2022	2023
Aluminium	1000T	1050T	1010T	1050T	925T	1100T	1200T	1340T
Zamak	635T	600T	575T	378T	265T	250T	286T	313T

IV. FACTS & KEY FIGURES




Sectors & Annual Turnover

SECTOR

JULCAR develops its activity mainly in the following sectors:

- Automotive (85%)
- Own door and window hardware (12%)
- Others (4%)

	2016	2017	2018	2019	2020	2021	2022	2023
TURNOVER	9,1M€	9,28M€	9,05M€	9,11M€	8,09M€	9,5M€	12,5M€	13,4M€
Evolution	+14%	2%	-2,5%	+0,7%	-11,1%	+17,43%	+31,58%	+7,2%
EXPORT	13,7%	14,1%	17,0%	13,8%	19,0%	22,7%	25%	26,2%

Where we export

❖ Europe:

Automotive:

Germany

England

France

Slovakia

Poland

Hardware:

Portugal

Malta

❖ Rest of World:

Automotive:

Morocco

EEUU

Brazil

China

Mexico

Hardware

Persian Gulf

North Africa

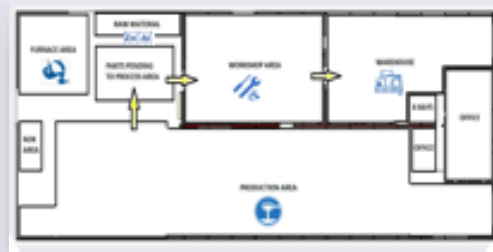


V. IMPROVMENT PLANS_INVESTMENTS



From 2016 to 2018

- Lay-out improvement



2016

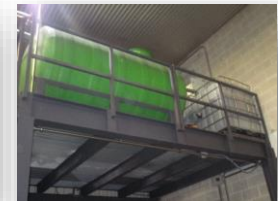
2017

2018

- Factory increase to incorporate a new machine of 750T.
- Create a new structure for molds.
- 2 new maintenance melting furnaces.



- Purchase of 4 temperature controllers for production.
- Incorporate a new machine to recycle the water.



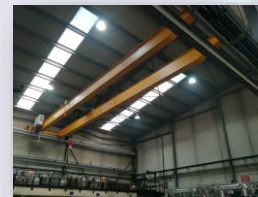
From 2019 to 2020



- Exchange the machine Idra 220T for an Italpress 300T.
- Buying a new new crucible melter furnace 1.200 kgs.



- Creation of the new technical office.
- Creation of the main access door and modification of the electric gate.
- Exchange the machine Buhler 250T for an Idra 320T.
- Incorporation a new aluminium machine of 1250T and a new industrial crane.



From 2021 to 2022

2021

- Due to the bigger size of the parts that we are manufacturing in the last years we decided to buy a new vibrating + drying machine with belt conveyor in order to ensure the adequate part quality.



2022

- New press for the 320T machine



2023

2023

- Acquisition of a new 1,000 m² warehouse to increase our production capacity and continue growing.
- Incorporation of a new fully automated island for a 900T aluminum machine.
- New crane bridge.



VI. CUSTOMERS



Clients references: Automotive

REAR VIEW MIRRORS



SMR⁷
AUTOMOTIVE

MAGNA

FICOSA
AUTOMOTIVE

ARMRESTS



GRAMMER

HAND BRACKETS



BATZ

FICOSA
AUTOMOTIVE

HEATSINKS



GUREAK

Clients references: Automotive

EXHAUST HANGERS-BEARING HOUSINGS



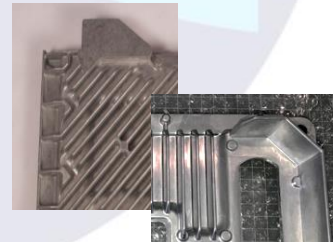
ANTIVIBRATION ENGINE MOUNTS



SHOCK ABSORBERS



ELECTRONIC BOXES ON-BOARD SYSTEMS



Clients references: Automotive

MOTOR SUPPORTS



DOOR TRIMS

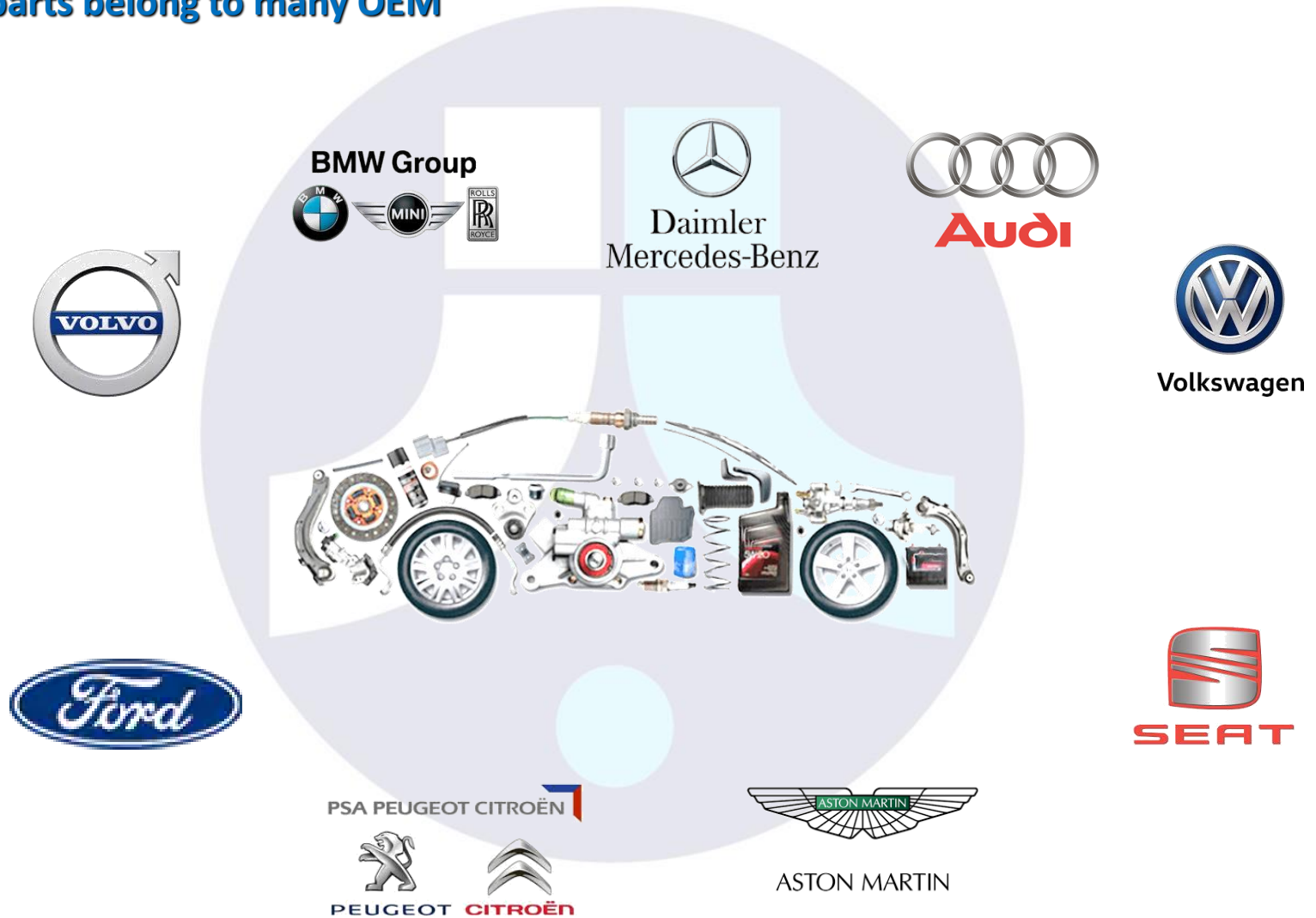


WINDOWS





Our parts belong to many OEM



Clients references: Industrial

WINDOWS-DOOR HARDWARE



ELECTRICAL



HOME APPLIANCE



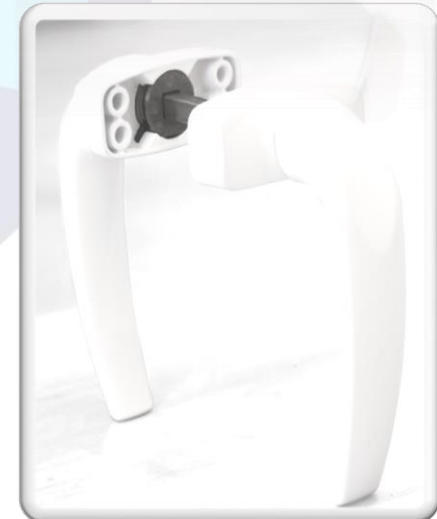
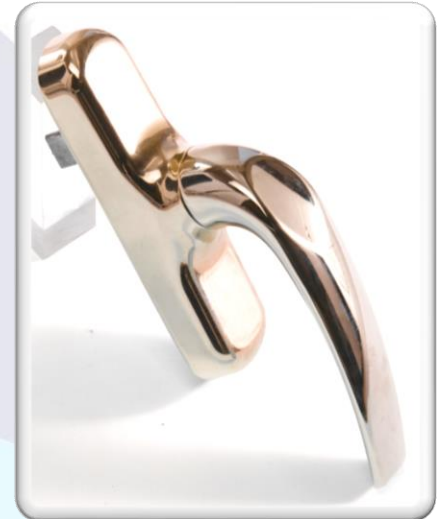
AIR CONDITIONNING GAS COMPONENTS



AGRICULTURAL



Julcar's own products: Door and Windows Hardware





Hope to promptly collaborate together

Thanks for your attention
Julcar Team

Feel free to visit our website

