

Alcorta¹

FORGING GROUP



Alcorta Forging Group

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1. WHO WE ARE



2. WHAT WE DO





1. WHO WE ARE

- Alcorta
- History
- Sales
- Facts & Figures
- Global Footprint



2. WHAT WE DO

1. WHO WE ARE

ALCORTA

HISTORY

SALES

FACTS &
FIGURES

GLOBAL
FOOTPRINT

Alcorta forging group is an **international European based** supplier of forged components for automotive, commercial vehicles, heavy duty and industrial markets.

With more than **100 years** of experience providing **complete solutions**, including design, forging, heat treatments, machining, coatings, assemblies and logistic services.



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ALCORTA

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THE BEGINNINGS

- Theodore Alcorta and Esteban Unzueta.
- Manufacture hand weapons.
- 1920: weapons, cutlery and electrical appliances.
- 1976: almost 300 associates working at Alcorta.



NEW DIMENSION

- Alcorta Brockhaus S.A.
- Alcorta + Brockhaus Soehne GmbH
- It acquires a 51% stake in Alcorta.



UNCERTAINTY & NEW PROJECT

- Alcorta and Mahle become distant
- Alcorta owner of its shareholders
- New site opened in South Africa
- New offices in Czech republic, France and Germany.



GLOBAL MARKET

- 2013: subsidiary in USA
- 2014: customer service office in Shanghai
- Global vocation.



U.S.

- New plant in U.S.

1911-1982

1997-2005

2007-2009

2013-2021

2022

1982-1997

2005-2007

2011

2021



AUTOMOTIVE

- New location.
- Enters the automotive industry with Seat, Opel Zaragoza and Ford Valencia.



PART OF A GREAT GLOBAL GROUP

- Mahle acquires Brockhaus
- Transfers to Alcorta world class management systems as found in multinational companies.



CENTENARY

- 100 years of existence
- Benchmark in the automotive industry
- Reaffirms values and commitment to community.
- Renewed offering.



EXPANSION

- 30,000 sq ft plant expansion in Elgoibar.
- 3,200Tn press for larger chassis parts.

1. WHO WE ARE

ALCORTA

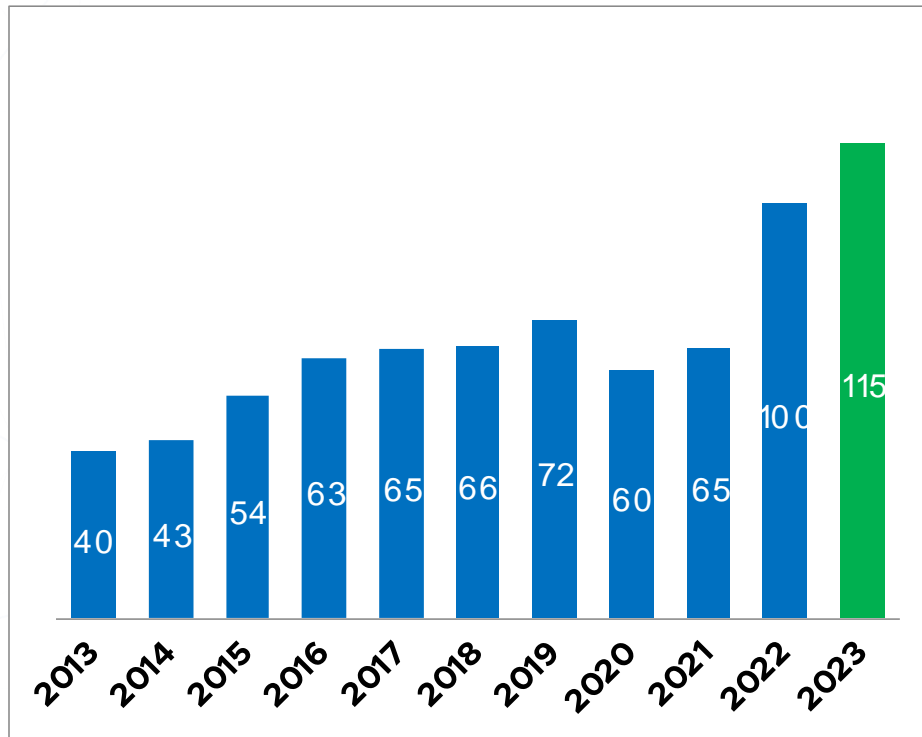
HISTORY

SALES

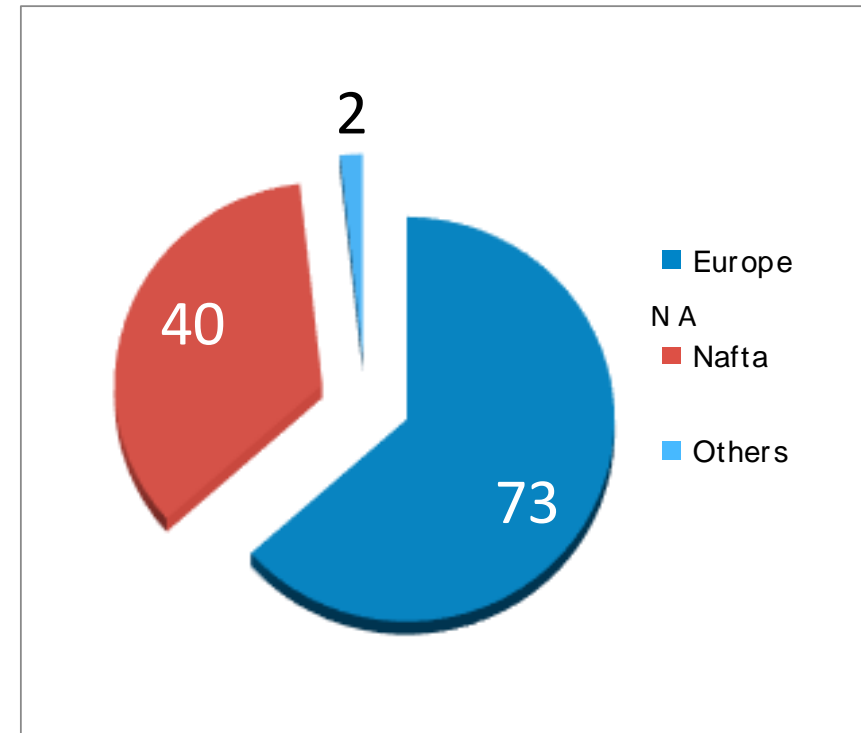
FACTS &
FIGURES

GLOBAL
FOOTPRINT

Sales € (MM)



Sales € MM by Region 23



1. WHO WE ARE

ALCORTA

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FACTS &
FIGURES

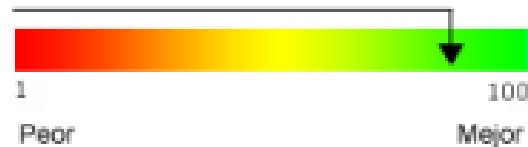
GLOBAL
FOOTPRINT

Alcorta Strong Financial position:

- 25 mil€ Equity (*41% of the Total Balance*)
- Debt / EBITDA= 1,79 (*average value last 5 years*)
- Total investment 2017-21: 18 mil€

Third party opinion (*February 2022*):

dun & bradstreet



D&B SCORE (Riesgo de Cese): 89/100

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GLOBAL
FOOTPRINT



IATF 16949

ISO 45001

ISO 14001

ELGOIBAR, Spain	Headquarters + Forging Plant
MUNICH, Germany	Customer service + Engineering
PARIS, France	Customer service + Sales
NEW BOSTON, Michigan	Customer service+ Engineering+ Forging Plant
QUERETARO, Mexico	Customer service
SHANGHAI, China	Customer service + Engineering
PLZEN, Czech Republic	Plant + Customer + service + Sales
PORT ELISABETH, South Africa	Plant + Customer + Service + Sales



1. WHO WE ARE



2. WHAT WE DO

- Market
- Co-development
- Customer map
- Our products
- ALU FORGE



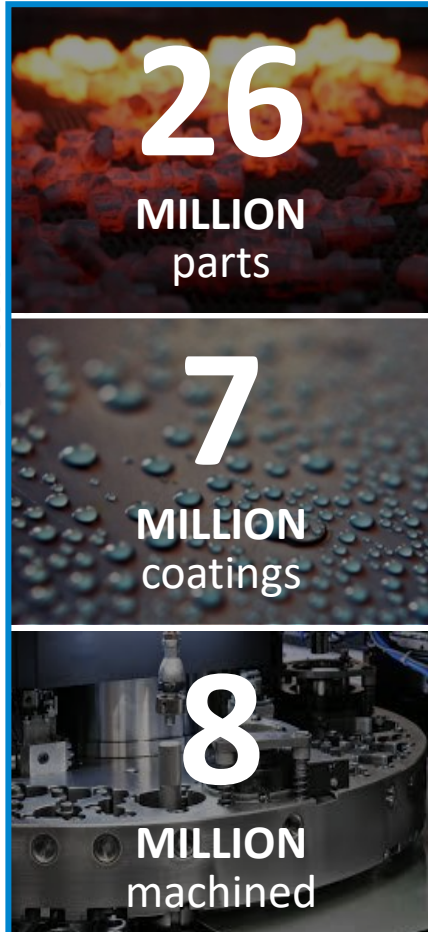
2. WHAT WE DO

MARKET

CODEVELOPMENT

CUSTOMER MAP

OUR PRODUCTS



I
E
U
R
O
P
E
I

230 PEOPLE
35 ENGINEERS
PRODUCT AND PROCESS

FORGING
50,000
HOURS/YEAR

5 PRESSES 1,600Tn
1 PRESS 3,200Tn
4 HAMMER 4.6 KN

MACHINING
LATHE MULTI SPINDLE
3 & 4 & 5 AXIS CNC

50 PEOPLE
12 ENGINEERS
PRODUCT AND PROCESS

FORGING
18,000
HOURS/YEAR

2 PRESSES 2,500Tn
1 PRESS 2,000Tn

U
S
A

MATERIALS

- Carbon Steel
- Microalloyed
- Stainless Steel
- Aluminium

2. WHAT WE DO

MARKET

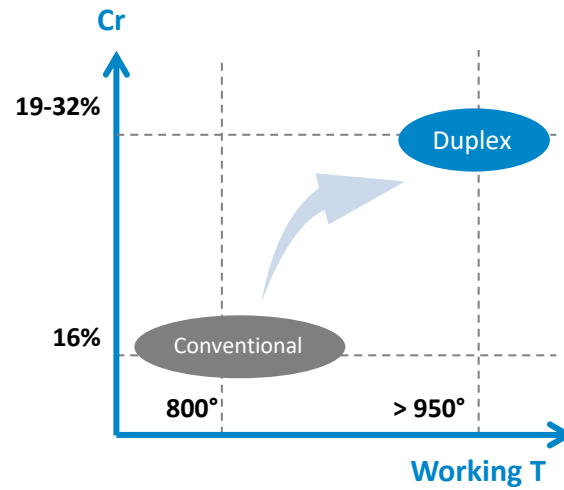
CODEVELOPMENT

CUSTOMER
MAP

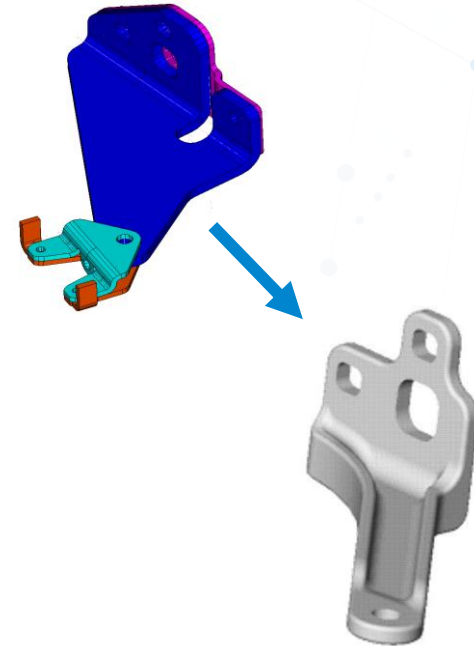
OUR
PRODUCTS



GEOMETRY



RAW MATERIAL



INTEGRATION F&F

2. WHAT WE DO

MARKET

CODEVELOPMENT

CUSTOMER
MAP

OUR
PRODUCTS

CUSTOMER BENEFIT

COST
EFFECTIVENESS



BETTER
PERFORMANCE



DOWN
SIZING

ALCORTA COMPETENCES

- INDUSTRY 4.0
- VIRTUAL MANUFACTURING
- FEA SIMULATION
- ARTIFICIAL VISION
- NON DESTRUCTIVE TEST METHODS
- HIGH GRADE STEEL DEVELOPMENT
- NEW COATINGS
- R&D PROJECTS
- TECH. INSTITUTES AND KEY STRATEGIC SUPPLIERS

ALCORTA PARTNERS

tecnal:a

Tekniker
MEMBER OF BASQUE RESEARCH
& TECHNOLOGY ALLIANCE

mugape

eman ta zabal zazu



UPV EHU

sidenor

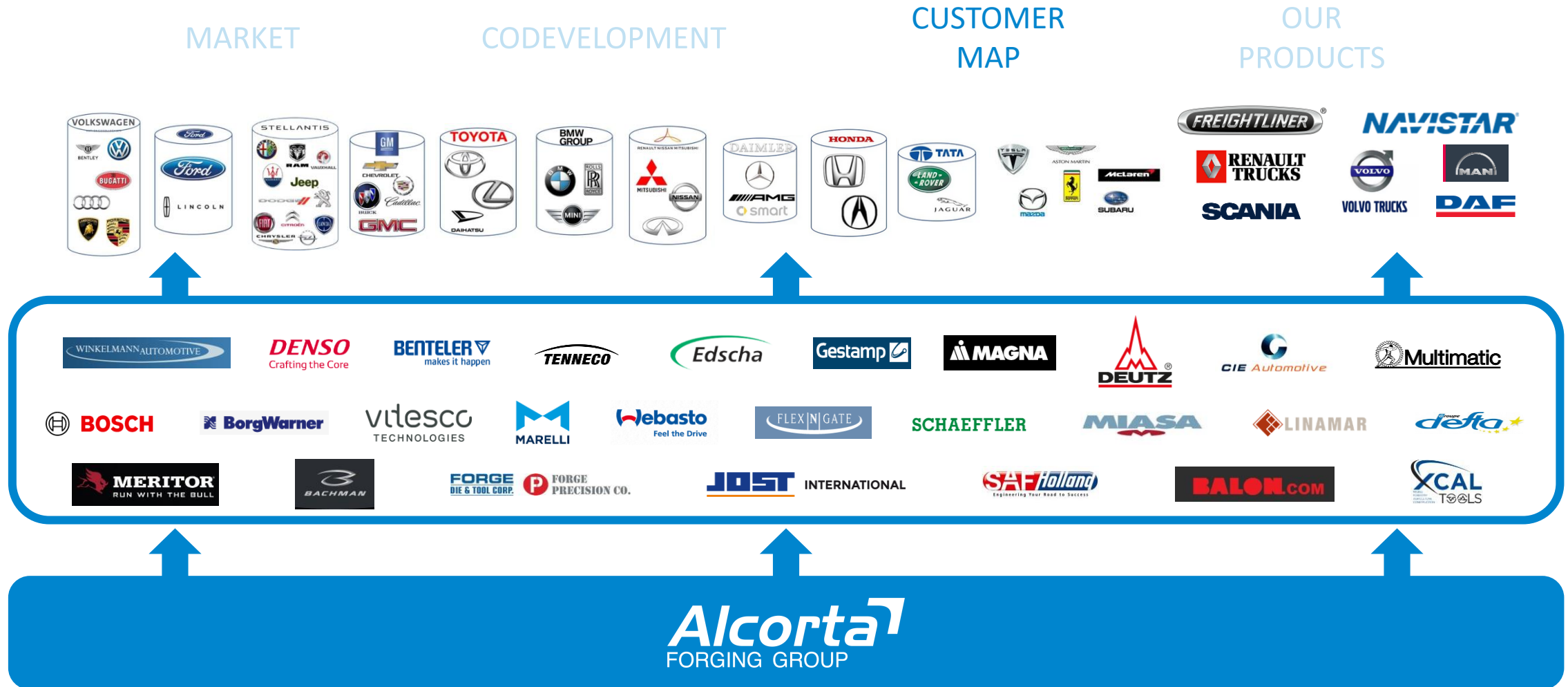
LORTEK
MEMBER OF BASQUE RESEARCH
& TECHNOLOGY ALLIANCE

Deusto
Universidad de Deusto
Deustuko Unibertsitatea
University of Deusto

AZTERLAN
MEMBER OF BASQUE RESEARCH
& TECHNOLOGY ALLIANCE

iMH
FABRIKAZIOAREN
ZENTRO AURRERATUA
CENTRO AVANZADO
DE FABRICACIÓN

2. WHAT WE DO



Alcorta supply forging components through several of the most important Tier 1 suppliers, and in some products Alcorta is Tier 1.

2. WHAT WE DO

MARKET

CODEVELOPMENT

CUSTOMER
MAP

OUR
PRODUCTS

POWERTRAIN

- Common Rails
- Pumps
- Balance shafts
- Head forging
- Flanges

- Microalloy steel
- Stainless steel

- Weight range:
0.2kg to 5.5kg

- Passenger car
- Light truck
- Heavy duty

HEAD FORGING



DRIVE & BALANCE
SHAFTS



FLANGES & TURBO FLANGES



SENSOR BOSS GAS



INJECTOR BODIES



DIESEL GASOLINE RAIL & CUPS



FORKS



2. WHAT WE DO

MARKET

CODEVELOPMENT

CUSTOMER
MAP

OUR
PRODUCTS

CHASSIS COMPONENTS

- Body / Chassis / Suspension Components
- Hinges

- Carbon steel
- Microalloy steel
- Aluminum

- Weight range: 0.2kg to 15kg

- Passenger car
- Light truck
- Heavy duty

CAR DOOR HINGES



COMPLEX HINGES & CHASIS & KNUCKLES



TRUNK DOOR HINGES



CABRIO COMPONENTS



2. WHAT WE DO

MARKET

CODEVELOPMENT

CUSTOMER
MAP

OUR
PRODUCTS

DRIVELINE

- End Yokes
- Tube Yokes
- Flange Yokes

- Microalloy steel

- Weight range:
1,7kg to 14kg

- Light truck
- Heavy duty

END YOKES



FLANGE YOKES



TUBE YOKES



CENTER YOKES



2. WHAT WE DO

MARKET

CODEVELOPMENT

CUSTOMER
MAP

OUR
PRODUCTS

OTHER PRODUCTS

- Valves
- King Pin
- Racks

- Alloy steel
- Carbon steel

- Weight range:
2kg to 12kg

- Energy
- Utilities
- Industrial
- Heavy duty

VALVES



KING PIN



RACKS



ALU FORGE ALCORTA FORGING GROUP

MATERIAL

**2000 Series
Aluminium
Forgings**

**6000 Series
Aluminium
Forgings**

PROCESS

FORGING PRESS 1600 TN

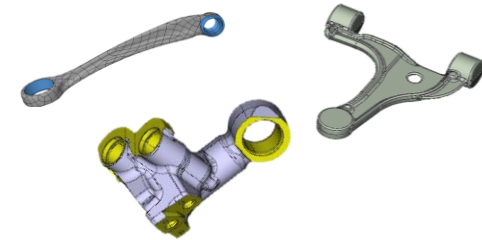


MACHINING 3/4/5 AXIS CNC



APPLICATIONS

CHASSIS/SUSPENSION



**VALVE- PUMP BODIES
FLUID SYSTEMS**



THANK YOU!



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