

voestalpine AUTOMOTIVE COMPONENTS

Company Presentation
Jun 2023

voestalpine Automotive Components Aguascalientes S.R.L. de C.V.
www.voestalpine.com/ac

voestalpine
ONE STEP AHEAD.

INTRODUCTION

We are part of an internationally successful corporation

THE voestalpine GROUP



- » voestalpine is a leading technology group with combined material and processing expertise, holding global top positions in its business units.

BY 2022/23



500 companies &
locations

51,200 employees
globally

2.5 bn. EUR
EBITDA

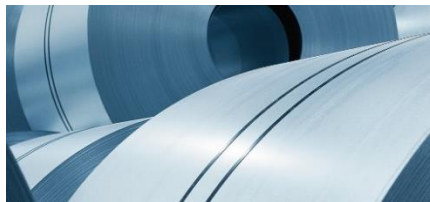
50 countries
on 5 continents

18.2 bn. EUR
revenue

4 strong
divisions

GROUP ORGANIZATION

The voestalpine Group is divided into four divisions. Their product portfolios make them **leading providers in Europe** or **worldwide**.



STEEL DIVISION

**Worldwide
quality leadership**
36%
of Group revenue



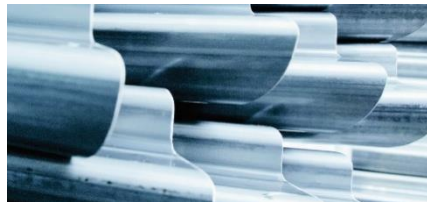
HIGH PERFORMANCE METALS DIVISION

**Global
market leader**
20%
of Group revenue



METAL ENGINEERING DIVISION

**World
market leader**
23%
of Group revenue



METAL FORMING DIVISION

**World's
leading supplier**
21%
of Group revenue

METAL FORMING DIVISION



Tubes & Sections
Günther Felderer

- » **voestalpine Krems:** AUT
- » **voestalpine Rotec Group:**
AUT, DEU, ESP, POL, GBR, USA, CAN, MEX
- » **voestalpine Sadeff:** BEL
- » **voestalpine Profilafröid, SAP:** FRA
- » **voestalpine Präzisionsprofil:** DEU
- » **voestalpine Profilform China:** CHN
- » **voestalpine Metsec:** GBR
- » **voestalpine Profilform:** CZE
- » **voestalpine RFC:** USA
- » **voestalpine Meincol:** BRA



Automotive Components
Harald Traxler

- » **Coldstamping**
voestalpine Automotive Components Dettingen: DEU, ZAF, FRA, CHN, MEX
- » **Hotforming**
voestalpine Automotive Components Schwäbisch Gmünd: DEU, USA (**Cartersville**)
- » **After Sales**
voestalpine Automotive Components Bunschoten: NLD, USA (**Birmingham**)
- » **Tailored Blanks**
voestalpine Automotive Components Linz: AUT



Precision Strip
Peter Schwab

- » **voestalpine Precision Strip Group:**
AUT, SWE, USA, CHN, MEX, ESP

Innovative lightweight components and assemblies with a global presence



Warehouse & Rack Solutions
Jürgen Resch

- » **voestalpine Krems Finaltechnik:** AUT
- » **Nedcon Group:** NLD, DEU, USA, FRA, CZE, BEL, POL

Automotive Components **Global Presence**



» 15 locations

» 8 countries

» 4 continents

» Headquarters in Linz, AT

voestalpine Automotive Components

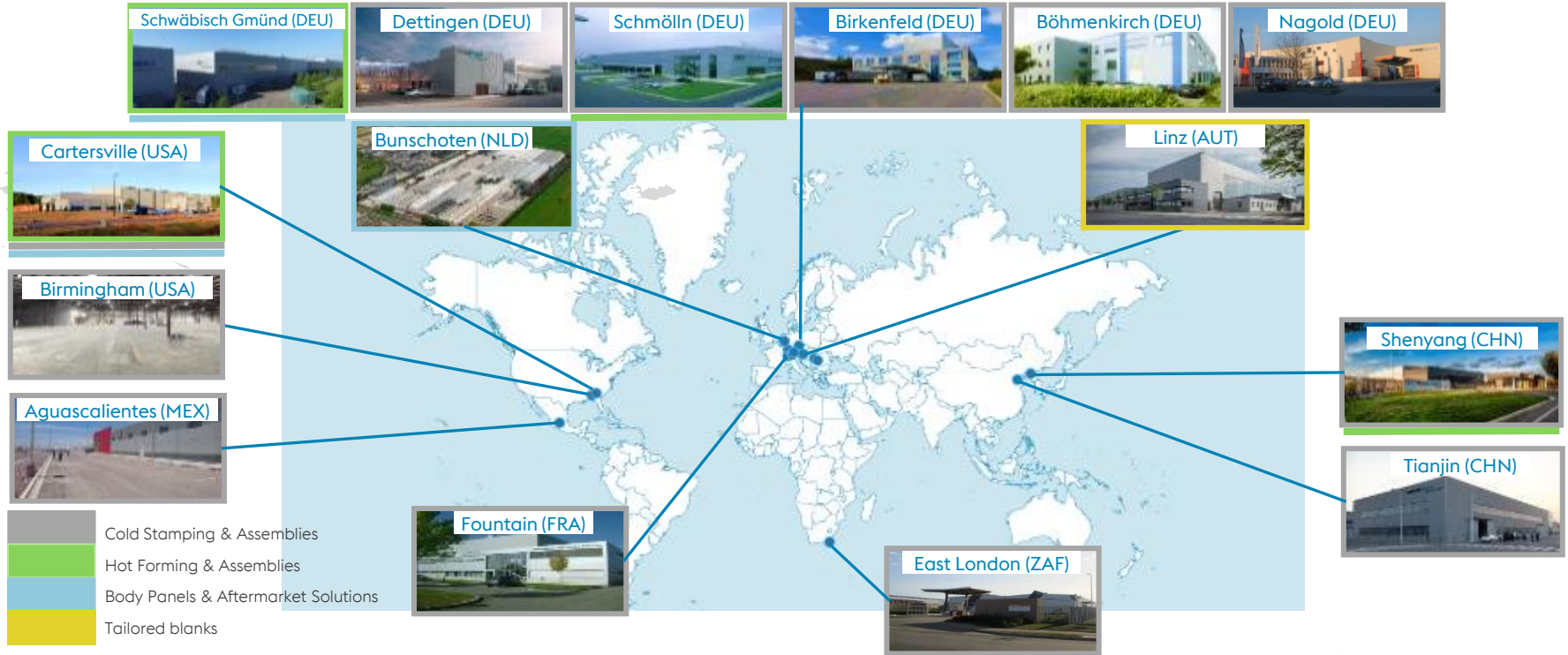
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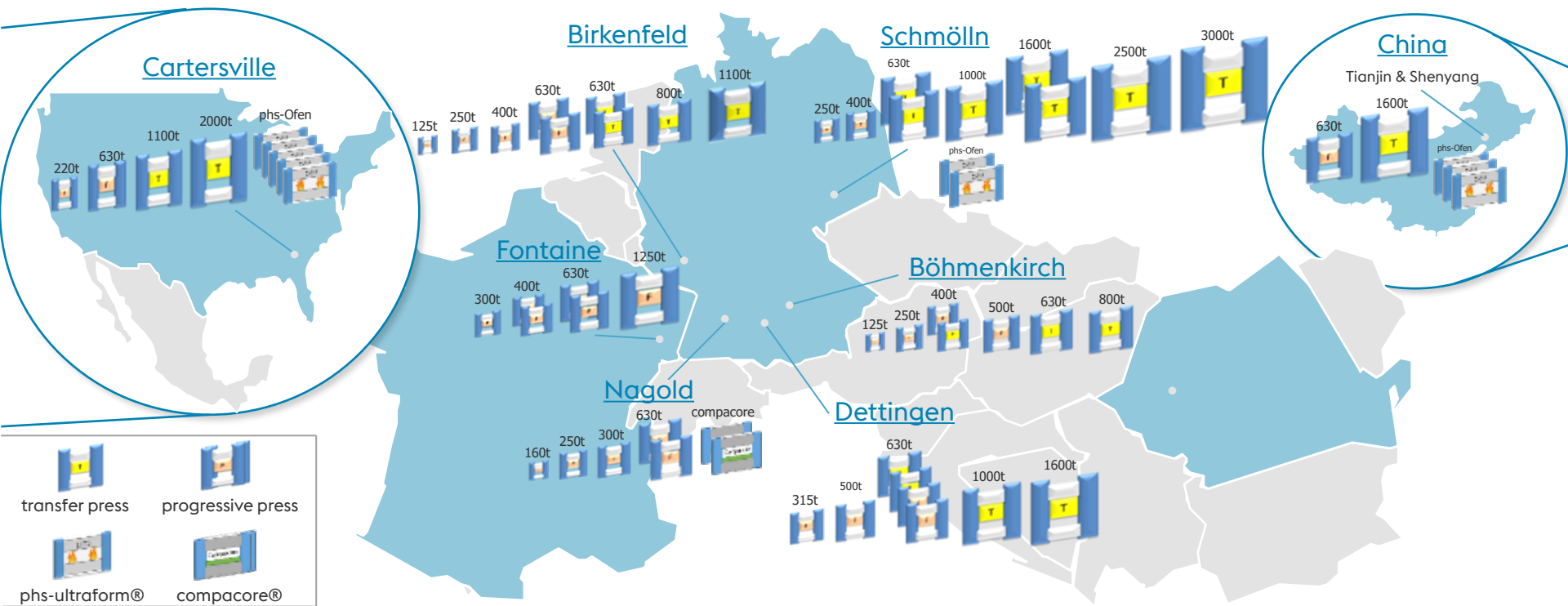
ONE STEP AHEAD.

EXPERTISE AUTOMOTIVE COMPONENTS

LOCATIONS voestalpine AUTOMOTIVE COMPONENTS



PRESS PARK EUROPE, USA & CHINA



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Aguascalientes Plant

Introducing Aguascalientes

voestalpine Automotive Components Aguascalientes S.R.L. de C.V.
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General Figures



- » voestalpine is a leading company for high complexity assemblies for body in white components applying different joint technologies holding global top positions since 2017.
- **Assembly Technology:**
 - Spot & Projection Welding Processes
 - Structural Adhesive Application
 - Crimping & Clinching

10,000 m²
Footprint

30 MUSD
Sales 2022/23

>30 MUSD
CAPEX Investment

7,000 m²
Expansion

IATF 16949
Certification

ISO 14001
Certification

IN-HOUSE EXPERTISE

Full service portfolio from a single source

ASSEMBLY TECHNOLOGY



10 Small assembly cells

- » 10 small assembly cells
- » 3 robots (Last generation - FANUC)
- » 2 high pressure servo guns
- » Projection Welding (4 manual stations +1 semi-automatic)
- » Clinching (1 manual stations)
- » Crimping (2 manual stations)
- » Adaptive welding control system
- » 1 shift available

2 Medium assembly cells

- » 2 medium assembly cells
- » 6 robots (Last generation - FANUC)
- » 6 high pressure servo guns
- » Adaptive welding control system
- » Table rotative system (2 nest system)
- » NOK automatic system

2 Large assembly cells

- » 2 large assembly cells
- » +30 robots arms (Last generation - FANUC)
- » +30 high pressure servo guns (ARO)
- » State of the art autonomous vision systems for quality assurance of seal application
- » Adaptive welding control system (100% verification of welding process with Q-Inspectors)
- » NOK automatic system

In Site Competence

- » Measurement Equipment
 - » CMM (4m x 1.5m x 2m)
 - » 3D scanning capabilities
 - » Welding testing capabilities
 - » Destructive / Non Destructive
 - » Metallography lab

- » Engineering Competence
 - » Welding specialist
 - » Assembly specialist
 - » Maintenance Senior

- » Quality Competence
 - » VDA certified team
 - » Certified auditors
 - » CMM Programmer

Quality Assurance – Our performance

- » Close communication with our customers
- » Resident on-site at customer
- » Weekly assembly review with customer (KTMA)
- » SPC ports on CFX for critical characteristics on safety relevant products
- » 0.2 % Quality cost in BY 2022-2023
- » 4 PPM in BY 2022-2023
- » Good customer relationship – Last process assessment on Nov 2022 with green result (VDA 6.3)

Audit lead	Department	E-mail	Phone no.
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Subject: Final report VDA 6.3 Process audit (Edition 2016), P5 – P7, 14. November 2022 to 16. November 2022
Audit scope: X 247; A2476209801; DC3138 assemblies
Audited location: Aguascalientes

Dear Mr. Jesus Barba,

Thank you for the hospitality you showed our auditors. We would also like to thank you for the efforts made by you and your team and for the openness you showed in answering our questions.

On the basis of the conversations held and the impressions gained during our tour of the premises, we have come to the following audit result:

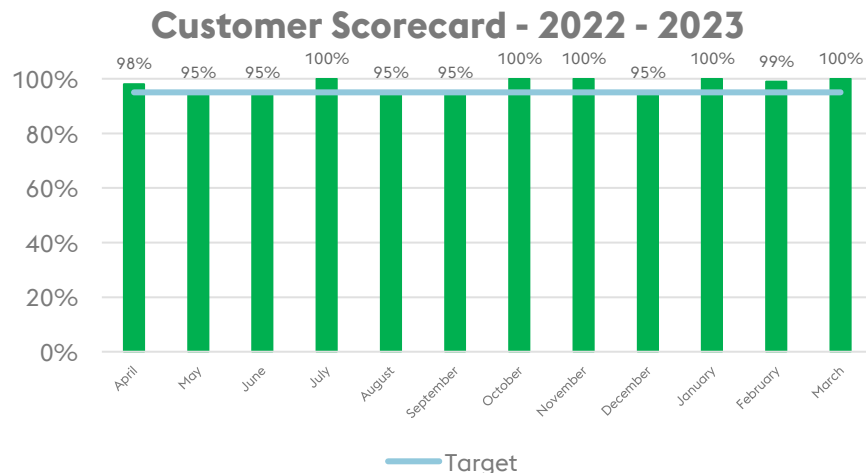
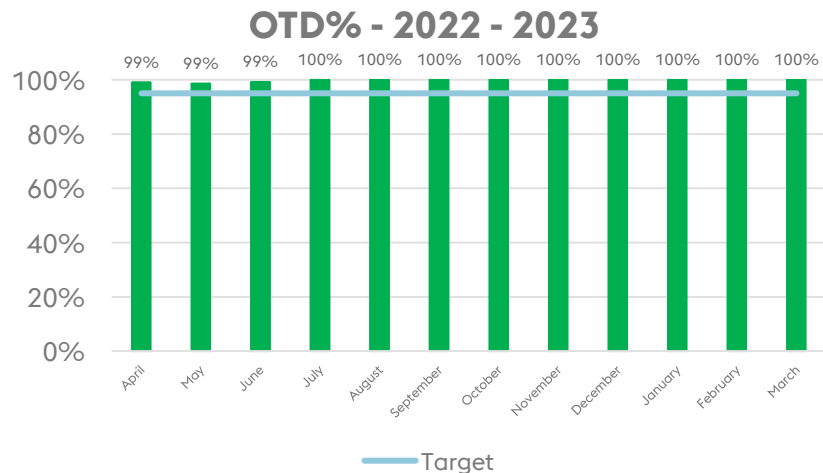
Calculated result 91.6 %, Overall result "A"

Logistics – Our competences



- SAP ERP
- SAP terminals connected to forklifts
- SAP FIFO
- EDI
- JIT Plant
- RFID System
- Warehouse logical material flow
- Chaotic storage system
- 23% Shipping dock utilization
- Our location in Aguascalientes gives us privileged access to the main OEMs in the region as well as access to the US market.
- Strategical location for international business with good access to harbor, railway etc.

Logistics – Our performance



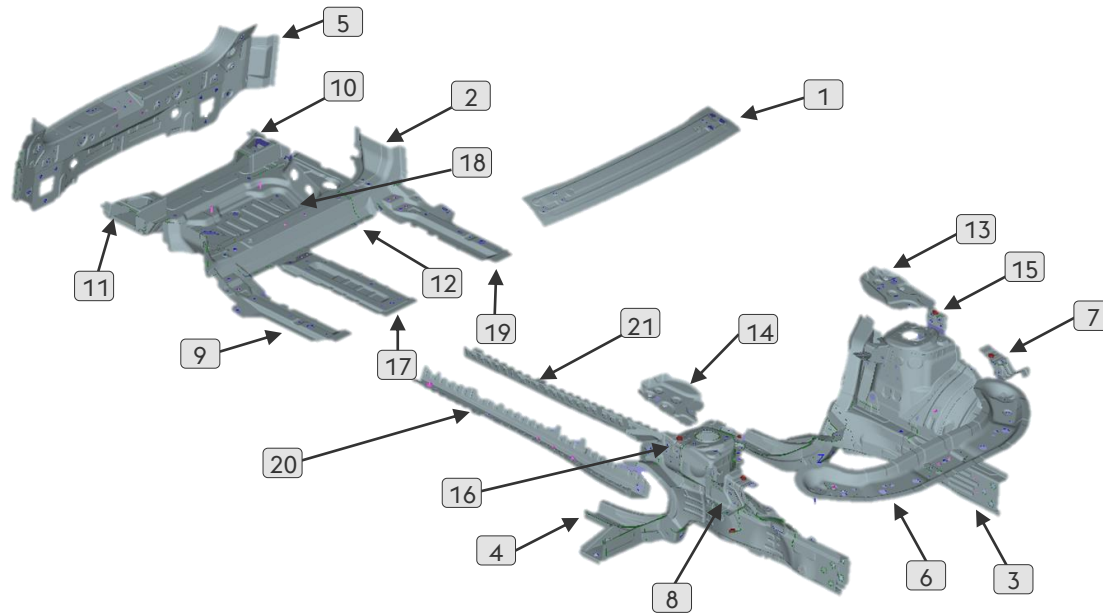
Criteria:

- On-time delivery
- ASN
- RDR – (Receiving report)
- Customer Service
- RIR – (Labeling quality)

PRODUCT PORTFOLIO

Our experience in producing complex parts and assemblies

Assembly Competence



1. ROOF FRAME FRT
2. REINFORCEMENT COMPL RR W. HOUSE
3. WHEEL HOUSE LEFFT
4. WHEEL HOUSE RIGHT
5. REAR APRON
6. CONSOLE ENG
7. BRACKET FENDER FRT LH
8. BRACKET FENDER FRT RH
9. REINFORCEMENT RH RR- SEAT
10. CONSOLE LH CROSS MEMBER RA
11. CONSOLE RH CROSS MEMBER RA
12. FLOOR CROSS MEMBER REAR SEAT RR
13. REINFORCEMENT LH HINGE
14. REINFORCEMENT RH HINGE
15. BRACKET FRT FRONT-PART LH
16. BRACKET FRT FRONT-PART RH
17. REINFORCEMENT CTR RR SEAT
18. LOAD COMPARTMENT WELL FRT
19. REINFORCEMENT LH RR- SEAT
20. REINFORCEMENT LWR LH CENT.TUNNEL
21. REINFORCEMENT LWR RH CENT.TUNNEL

THANK YOU!

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