



SCHMITTERGROUP GMBH

A Member of ZhongdingGroup



Company Presentation SchmitterGroup GmbH

Thuengen | 10.10.2025

Anhui Zhongding Group at a Glance



One of Top 100 global OEM parts suppliers

-Ranked by sales of original equipment parts in 2023
Automotive news



KEY INDUSTRIES



KEY FACTS (2023)

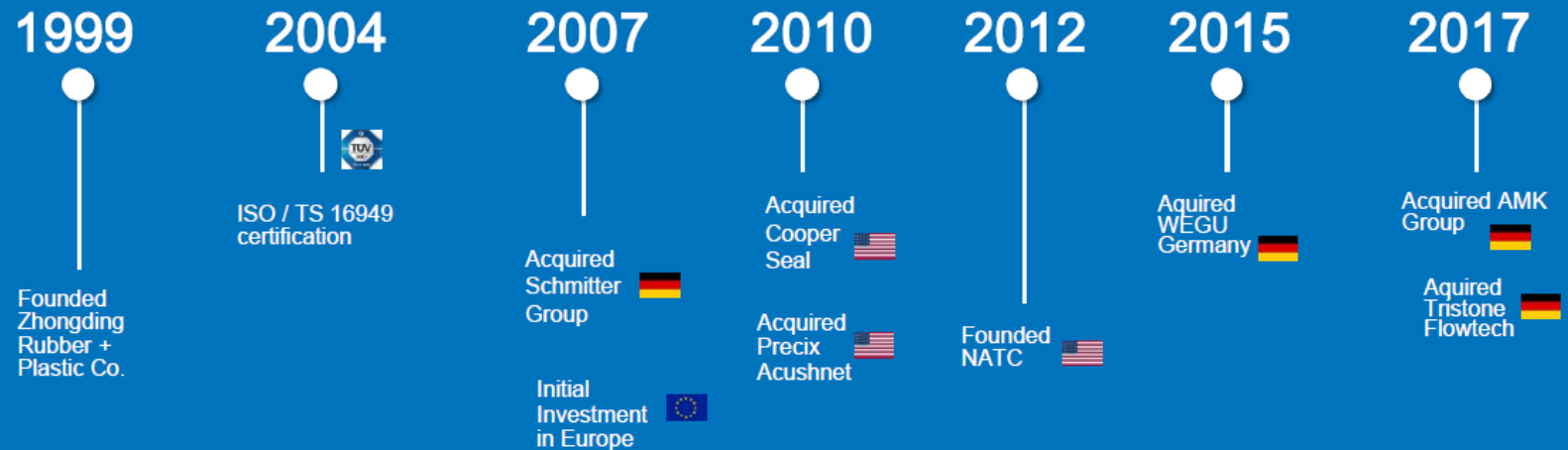
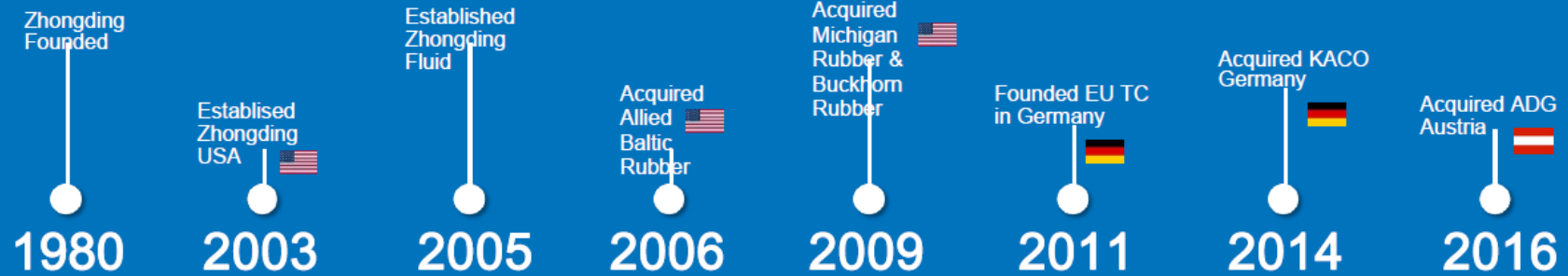
- Founded in 1980
- Headquarters in Ningguo Anhui

\$ 3,964 million of sales
\$ 108 million spent on R&D

28,000 employees
27 subsidiary corporations
- a network in 19 countries

More than 44 years of history

Anhui Zhongding Group - History



Anhui Zhongding Group - Footprint



- Zhongding Holding (Group) Co., Ltd
 - Zhongding Sealing Parts Co.,Ltd
 - Zhongding NVH Co.,Ltd
 - Zhongding Mold Making Co.,Ltd
 - Zhongding Precision Industry Technology Co.,Ltd
 - **Zhongding Fluid System Co.,Ltd**
 - Zhongding Cooper Sealing System Co.,Ltd
 - KACO (Wuxi) Sealing Technology Co.,Ltd
 - KACO (Anhui) Sealing Technology Co.,Ltd
 - Wegu Technology (Anhui) Co.,Ltd
 - Schmitter Auto Steel Tube(Anhui) Co.,Ltd
 - Zhida ZD Battery Facility Co.,Ltd
-
- Zhongding Europe GmbH
 - KACO GmbH + Co. KG
 - WEGU Holding GmbH
 - AMK Holding GmbH & Co. KG
 - Tristone Flowtech Holding S.A.S
 - **SchmitterGroup GmbH**
 - Austria Druckguss GmbH & Co KG
 - Solyem SAS
-
- Zhongding Sealing Parts (USA), Inc
 - Zhongding USA Holding, Inc
 - Zhongding USA, Inc.
 - Acushnet Rubber Company, Inc., (dba Precix)
 - Cooper Products, Inc.
 - Zhongding USA Cadillac, Inc., (dba Michigan Rubber Products)
 - Zhongding USA Hannibal Inc., (dba Buckhorn Rubber Products)

Cooperation with Zhongding Fluid China



Two Companies
One Unit



We focus on fluid handling products

Development partner and original equipment manufacturer of components and systems with wide-ranging material and process competence for passenger cars, commercial vehicles, busses & industrial vehicles.

2023



\$129.7_m
SALES



1,900
EMPLOYEES



8
PLANTS

Cooperation Partners and Participations:

- Anhui Zhongding Fluid, Anhui, China
- Wuxi WeifuSchmitter Powertrain, Wuxi, China
- SchmitterAuto SteelTube, Anhui, China
- ZhongdingMalaysia, Penang, Malaysia
- V. Wiederholt GmbH, Holzwickede, Germany

Certifications: DIN EN ISO 9001 | IATF 16949 | DIN EN ISO 14001

CONNECTING TECHNOLOGIES

The internal combustion engine continues to be the primary solution today,
but alternative technologies are evolving at an ever-increasing pace.
We concentrate our competence customer-orientated in four market segments:

Powertrain system

- > Engine system
- > Fuel Rail and Fuel Line
- > Transmission system
- > Exhaust aftertreatment system

Chassis system

- > Fuel system
- > Braking system
- > Power steering system

Thermal system

- > Motor
- > Power batteries
- > Electrical control system

Rubber Hose

- > Coolant System
- > Powertrain System
- > Steering System
- > Oil Supply System
- > Brake system
- > Drain & Cleaning System

Cooperation with Zhongding Fluid - Customer



SchmitterGroup at a Glance



Tubular Products for Media Supply



■ History:

- 1947: Foundation by Josef Schmitter in Bielefeld, Germany
- 1956: Production of fuel and diesel injection pipes began
- 1965: Headquarters Thuengen (1,5 hours east of Frankfurt) with production facilities for manufacturing injection, fuel and hydraulic hose pipes were founded
- 2005: Cooperation with Chinese companies has been started
- 2008: SchmitterGroup became a member of ZHONGDING

■ Core Competence:

- Experience for Decades in Fluid Handling Applications for Powertrain Solutions (Fuel, Water, Oil, Air, Hydrogen)
- Comprehensive Process Expertise
- State-of-the-Art Technologies and Manufacturing Processes

>> Expert, Innovative, Efficient <<

Core Products

Media					
	Fuel / Gasoline	Water / Coolant	Oil	Gas / Air / DEF	Hydrogen
Fluid Solutions	• Fuel Rails • Fuel Lines	• Rigid & Flexible Pipes • Studs • Cooling Tubes	• Transmission Tubes • Flexible Tubes and Hose Assemblies • (Piston Cooling Jets)	• SCR- & EGR Pipes	• Distribution Solutions for Fuel Cells e.g. Pipes & Rails
	  	   	  	  	  
Used Material: Stainless Steel, Low Carbon Steel (w/o Coating), Aluminium, Casted or Machined Components					

Core Products – Fuel / Gasoline applications

Fuel distributor rails for high- and low-pressure applications in fabricated stainless steel design, with options for a range of high pressure sensors and relief valves.

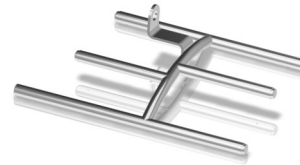
Injection pipes for gasoline are used in modern car engines.

The pressures reach up to 350 bar. They are usually made of stainless steel.



Core Products – Oil applications

We offer products which are assembled in the gearbox or engine,
for cooling piston and transmissions or lubrication of gears.
Our products can be implemented with a wide variety of
materials: Aluminum, Steel, Stainless steel.



Core Products – Air / DEF & Oil applications

There is a relentless trend toward more compact engines delivering the same output. This downsizing places ever-increasing demands on the fluid and turbocharger circuits.

Our systems allow us to face the challenges presented by future generations of supercharged engines. TITEFLEX PTFE + Stainless braiding hose (-40° C to +210° C) or Stainless steel corrugated tubing (up to +400° C).



Core Products – Water / Coolant / Hydrogen applications

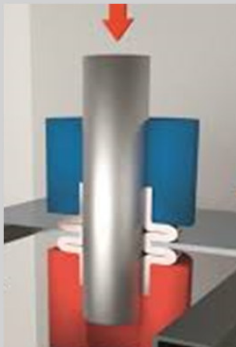


We also put much emphasis on developing new strategic industries:
Heating / Cooling system and Medium Transport components
of Alternative-Energy Vehicles to reach the targeted Zero-Emission.
For Motor | Power battery | Electrical control system | Fuel Cell



Core Processes

Axial Forming



Rotary Swaging



Bending
(CNC, Power Bender, Manual, ...)



Welding
(MAG, TIG, Laser,.....)



Brazing
(Furnace, Inductive, Resistance,...)



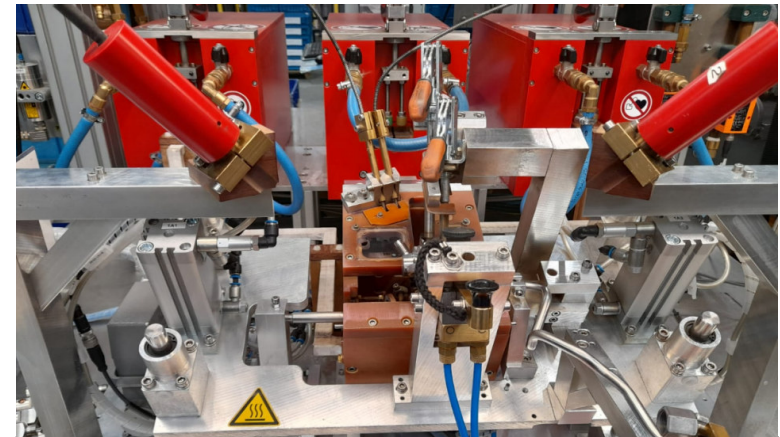
Functional Test or Leak Test



Industrialisation Competence



Laserspot- / Laserwelding cell with special clamping tools for exact welding results



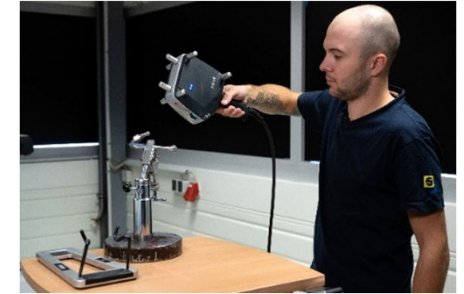
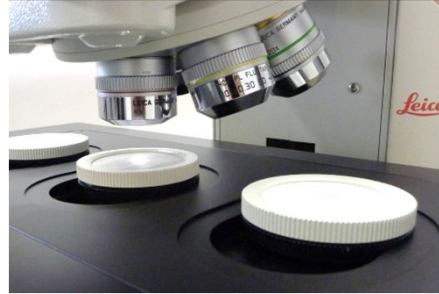
Inductive brazing process for example with studs and brackets at the end (as shown with bended tubes – or also brazing with straight tubes in front of bending process)



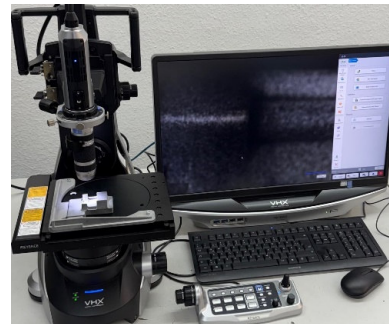
Fully Automatic Production line for:
End forming | Roller finishing | 100% Camera check | Assembly nuts |
Pre-cleaning | Annealing | Cool down and handling | Bending and handling



Our Commitment to Quality



**All necessary measurement systems are available
CMM, Tesa Scan, microscope, hardness test, cleanliness test, projector,
contorograph, Mahr, Aicon, Faro, ZEISS, Keyence, ...**



Our Commitment to Quality

Test equipment (excerpt)	Details
3D-CMM ZEISS ACCURA	Automated examination of Pareto and statistics, changeable RDS rotary head for a maximum of flexibility at measurement, CNC incl. Scanning, DakkS calibration (measuring accuracy: 0,8µm), X=900 / Y=1200 / Z=800
3D-CMM Zeiss T-Scan	Scanning of finished Pipe by Laser (measuring accuracy: 40 µm), with DakkS calibration
Roughness and Contour Measurement Device Mahr Surf VD280	Contour and Roughness measurement device with DakkS calibration (measuring accuracy: 0,35µm)
Shape Measurement Device Mahr Form MMQ400	Shape measurement device with DakkS calibration (measuring accuracy: 0,02µm)
Hydropuls test-bench	For dynamic Pressure testing and burst pressure testing up to 1.000bar, variable pressure curve (sinus / trapeze / customized) , Pulls frequency: up to 16 Hz, Test medium: Oil
Cleanliness Cabinet	Flush Medium WBC100. Filter 5 µm, automated classification of partials through Leica Software, gravimetric analyzed
Micro hardness Measurement	Measurement range HV 0,1 – HV 10 with DakkS calibration (Measurement uncertainty U:0,112%)
Shaker tests	With overlay temperature profiles (-40° till +150° Celsius)
Burs Pressure test-bench	up to 4.500 bar
Keyence IM 7020	Optical measuring scanner with top and transmitted light, DakkS calibration (measuring accuracy: 2,6µm)
Keyence VHX 7000	Digital microscope with an objective up to 200x magnification, DakkS calibration (measuring accuracy: 1,7µm)

➤ And also external partners like BTPZ, AKKA (former Mbtech), FEV, Universities, ... for Validation and Development

Our Commitment to Quality

ZERTIFIKAT - CERTIFICATE - CERTIFICAT



CERTIFICATE

DIN EN ISO 14001:2015

ALL-CERT Gesellschaft für Zertifizierungen mbH hereby certifies that the company

**SchmitterGroup GmbH
Am Bahnhof 3
D-97289 Thüngen**

for the scope:

production of parts and assemblies with focus on piping and piping systems
for motors, gears and steering systems

has introduced and uses an environmental management system in accordance with
DIN EN ISO 14001:2015. An audit provided evidence that the requirements have been met.

Certificate registration no.: 301372 Certificate valid from: 16.05.2024
Date of first certification: 24.01.2001 Certificate valid until: 15.05.2027



ALL-CERT Gesellschaft für Zertifizierungen mbH
Am Hügnerfeld 12 · 83626 Valley
info@all-cert.de · www.all-cert.de

ZERTIFIKAT - CERTIFICATE - CERTIFICAT



CERTIFICATE

DIN EN ISO 50001:2018

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Certificate registration no.: 301613 Certificate valid from: 16.05.2024
Certificate valid until: 15.05.2027



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Am Hügnerfeld 12 · 83626 Valley
info@all-cert.de · www.all-cert.de

DEKRA

CERTIFICATE



IATF 16949:2016

DEKRA Certification GmbH certifies that the organisation

SchmitterGroup GmbH

Am Bahnhof 3, 97289, Thüngen, DE, IATF USI: TLESMM

for the scope of certification:

Production of parts and components with focus on tubes and pipe systems for engines and gears

Without 8.3 Product Design

has established and maintains a quality management system according to the above mentioned
standard. The conformity was adduced with audit report no. G2760-1023

Certificate registration no.: 160711070/5-1
IATF No: 0548971
Validity of previous certificate: 2024-10-10
Certificate valid from: 2024-10-08
Certificate valid to: 2027-10-07

 
Dr. Rolf Krökel
DEKRA Certification GmbH, Stuttgart, 2024-10-08



DEKRA Certification GmbH · Handwerkerstraße 15 · D-70565 Stuttgart · www.dekra.de/audit

Rev. 1.1

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How to find us

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