



**Your innovation Partner for
Smart Solutions**



Our mission is to offer the best solution to
our customers




Our vision is to be a point of reference for
innovative technologies

SECTORS




With over 25 years of expertise, we deliver high-quality solutions across diverse sectors, including automotive, smart technologies and industrial systems.




AUTOMOTIVE

- Interior
- Air deflectors
- Engine compartment
- Electro mobility



SMART PRODUCTS

- Sport
- Lifestyle
- Medicine



INDUSTRY

- Automation
- Construction Industry
- Agriculture



INTERNAL

TOOL MANUFACTURING

Injection molding up to 500 kg

PRODUCTION

Injection molding up to 180t

Micro-injection (10t)

Custom automated production lines

DEVELOPMENT

Design

Hardware & Software solutions

Material optimization

EXTERNAL

TOOL MANUFACTURING

Injection molding

Multi-component injection molding

Gas-assisted injection molds (GID)

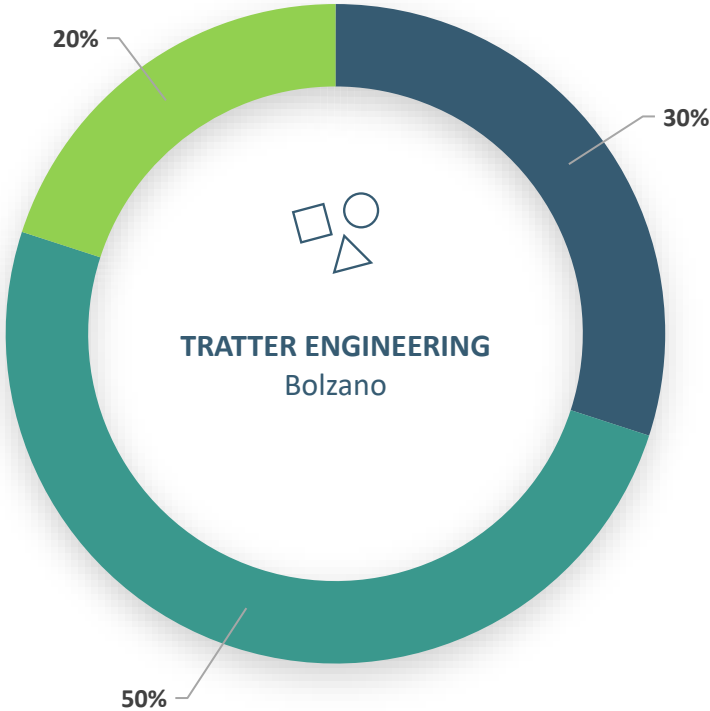
Blow molding

PRODUCTION

External component production

injection and blow moulding

Custom automated production lines



CUSTOMERS



We are proud to have earned the trust of prestigious automotive and other industry partner companies through precision, flexibility, and reliability.

DIRECTLY

INDIRECTLY



DELIVERY LOCATIONS



EUROPE

- Austria
- Bosnia and Herzegovina
- Czech Republic
- England
- France
- Germany
- Hungary
- Italy
- Netherlands
- Poland
- Romania
- Serbia
- Slovakia
- Switzerland



AMERICAS

- Brazil
- Mexico
- USA



ASIA

- China



FACILITIES



Our headquarters in Bolzano, Italy, and production facilities in Rankweil, Austria, and Wrocław, Poland, ensure seamless service and a strong European presence.

TRATTER ENGINEERING BOLZANO

Via Waltraud Gebert-Deeg 10
I-39100 Bolzano

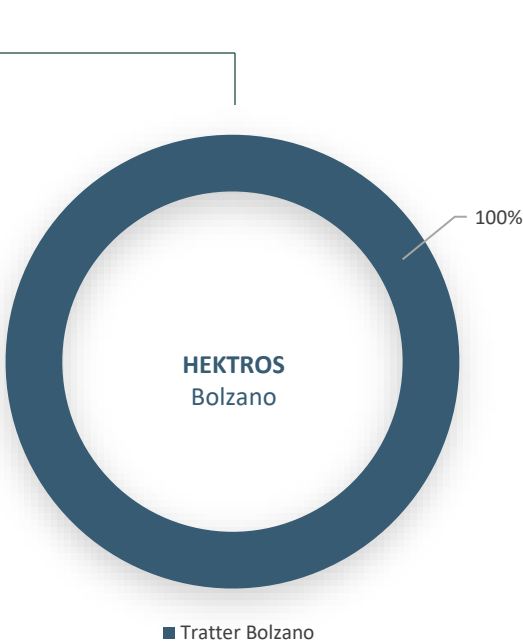
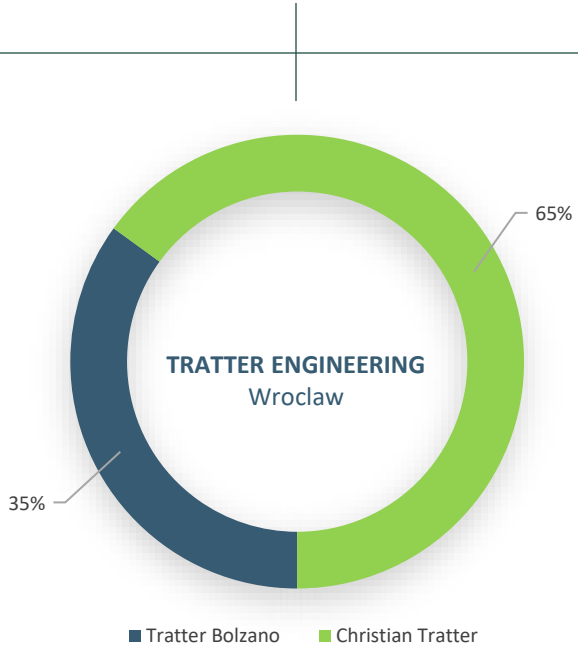
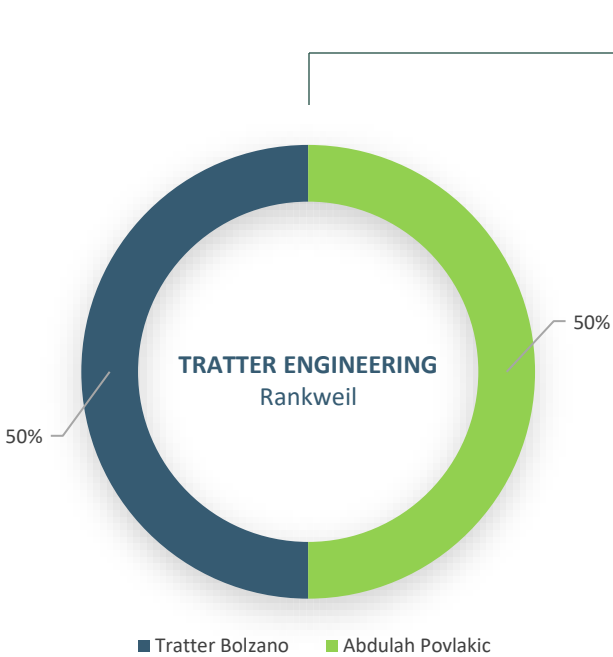
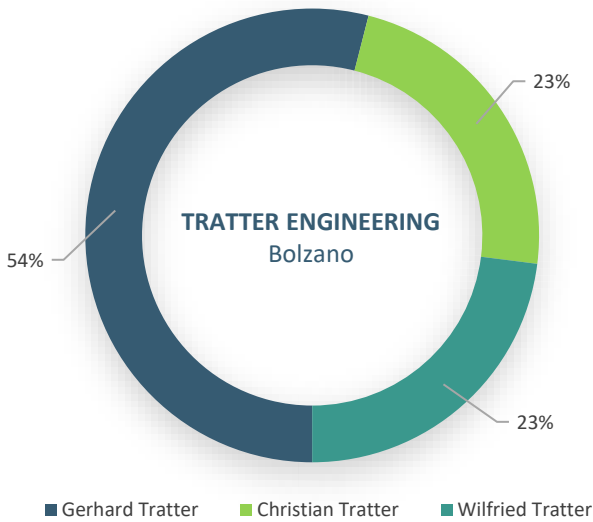
TRATTER ENGINEERING RANKWEIL

Schweizer Straße 96
A-6830 Rankweil

TRATTER ENGINEERING WROCLAW

UL. Odolanowska 19A
PL-51219 Wrocław





TRATTER BOLZANO

AT OUR HEADQUARTERS IN BOLZANO, WE DEVELOP AND MANUFACTURE A WIDE RANGE OF SOLUTIONS FOR OUR CUSTOMERS, FROM TOOLS TO COMPLEX COMPONENTS WITH INTEGRATED AUTOMATION SYSTEMS.



YEAR OF FOUNDATION
1998



EMPLOYEES
55



INVEST IN DEVELOPMENT
2.5%



OFFICE / PRODUCTION
1,000qm / 1,800qm

INJECTION MOLDING PRODUCTION

- 7 Injection machines ENGEL 40 – 110 tons
- 6 Injection machines Wittmann 12 – 180 tons
- 1 Boy XS 10 tons
- 1 2K Injection machine 850 tons

TOOLSHOP

- 3 CNC Milling machines (5-axis)
- 1 CNC Lathe turning center
- 1 Sinking erosion machine
- 1 Sauer Lasertec 40
- 1 Grinding machine

PROTOTYPE

- 1 3D Printer Ultimaker
- 1 3D Printer Prusa
- 1 3D Printer Bamboolab X1E

SOFTWARE

CAD / CAM	CATIA / Solid Works / VISI CAD / MasterCAM
Interfaces	CATIA
Simulations	3D Moldex
Data exchange	Odette / FTP Server / OS4X
Design	Adobe Creative Suite

LABORATORY / MEASURING TECHNOLOGY

- 1 Optical and tactile ZEISS measuring machine
- 1 Tactile Zeiss measuring machine
- 1 Roughness measuring device
- 1 Heat storage furnace
- 1 Burst pressure device
- 1 Zeiss Microscope
- 1 Tensile and compression testing machine

Member of



TRATTER RANKWEIL

AT OUR FACILITY IN RANKWEIL, WE PRODUCE A VARIETY OF SOLUTIONS USING HIGH-QUALITY MATERIALS FOR SMALL SERIES OF RENOWNED AUTOMOTIVE MANUFACTURERS.



YEAR OF FOUNDATION
2008



EMPLOYEES
34



INVEST IN DEVELOPMENT
1.0%



OFFICE / PRODUCTION
350qm / 5,500qm

MACHINERY

- 7 Waterjet cutting machine
- 1 CNC 5-axiys True Laser Cell 7020
- 5 Press 400 tons
- 1 Digital cutter 2,000 mm
- 3 Hotplate furnace
- 2 Glue spraying equipments
- 1 Vacuum thermoforming system
- 1 CNC 3-axys automated dispensing system for adhesive
- 1 Nitrogen system for laser
- 2 CNC 6-axys processing center
- 1 Vertikal 300T 2K injection moulding machine

SOFTWARE

CAD	CATIA / Auto-CAD
Interfaces	CATIA
Measuring programm	Calypso
Data exchange	Odette / FTP Server / OS4X

LABORATORY / MEASURING TECHNOLOGY

- 1 Optical and tactile ZEISS measuring machine
- 1 ROMER measuring arm

TRATTER WROCLAW



YEAR OF FOUNDATION
2015



EMPLOYEES
12



INVEST IN DEVELOPMENT
0.5%



OFFICE / PRODUCTION
70qm / 600qm

AT OUR FACILITY IN WROCLAW, WE MANUFACTURE A WIDE RANGE OF MATERIALS THAT ARE ESSENTIAL FOR THE FINAL ASSEMBLY PROCESSES AT OUR PLANTS IN RANKWEIL AND BOLZANO.



MACHINERY

- 1 Press 300 tons
- 1 Quick lift press
- 1 Hot plate furnace
- 1 Automated dispensing system for adhesive
- 1 Nap- machine

SOFTWARE

CAD	CATIA / Auto-CAD
Interfaces	CATIA
Data exchange	Odette / FTP Server / OS4X

SOLUTIONS



We offer professional services across various fields, providing solutions from design and prototype development to the final products, including packaging.



DEVELOPMENT

- Design
- Electronics
- Plastics



TOOL MANUFACTURING

- Injection molding
- Multi-component injection molding
- Gas-assisted injection molds (GID)
- Blow molding



PLASTIC COMPONENTS

- Injection molding
- Multi-component injection molding
- Gas-assisted injection molding (GID)
- Blow molding
- Assembling



PRESS LAMINATING

- Leather processing
- Heat lamination
- Metal processing
- Natuarl fiber comoposit

DEVELOPMENT



At the request of our customers, we develop a wide range of customized solutions, ranging from prototype components to series production parts.



DESIGN

- Industrial / Product Design
- UX / UI Design
- Graphic Design
- Packaging Design



PLASTIC COMPONENTS

- 3D printing
- Injection molding
- Multi component molding
- Overmolding of electronic devices



ELECTRONICS

- Hardware
- PCB's
- Complex custom solutions
- Software

TOOL MANUFACTURING

Our years of experience in designing and manufacturing injection molds, along with expertise in the injection molding process, have enabled us to meet the automotive industry's strict quality standards.



INJECTION MOLDING



MULTI-COMPONENT INJECTION MOLDING



GID - INJECTION MOLDING



BLOW MOLDING

TOOL MANUFACTURING

INTERIOR

tratter[®]



DOOR TRIM – MCLAREN



CENTER CONSOLE – AUDI



DASHBOARD – ASTON MARTIN



GLOVE COMPARTMENT – VW

TOOL MANUFACTURING

MULTI COMPONENT-INJECTION MOLDING



AIR DUCTS – AUDI



COVER– BMW



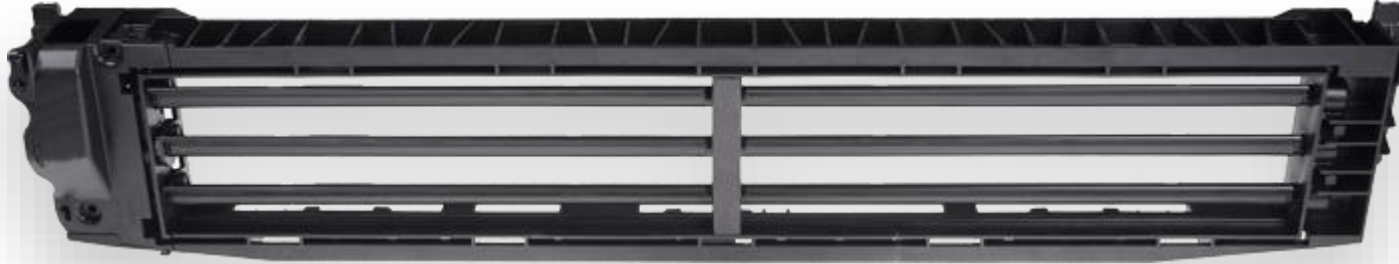
CAR LIFTER – BMW



WIND DEFLECTOR – AUDI

TOOL MANUFACTURING

GID - INJECTION MOLDING



RADIATOR LOUVER - VW



TOOL MANUFACTURING

VARIUS



INTERCOOLER DUCT - NISSAN



INTERCOOLER DUCT - PSA



INTERCOOLER DUCT - PSA



COVER - KTM

PLASTIC COMPONENTS

We manufacture components in large and small series, either in our own facilities or with our partners.

Our production sites include a variety of automated and manual systems that are adaptable to the needs of our customers.



**INJECTION MOLDING
OVER MOLDING**



**MULTI-COMPONENT
INJECTION MOLDING**



**GAS-ASSISTED
INJECTION MOLDS (GID)**



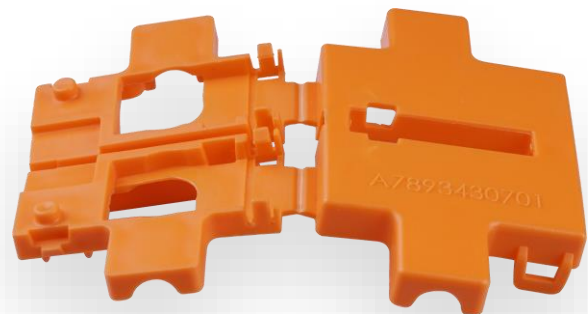
**BLOW MOLDING
ASSEMBLING
WELDING
TESTING**



**ASSEMBLING
WELDING
TESTING**

PLASTIC COMPONENTS

BRACKETS / CLIPS



CLIP – Daimler BEV



BRACKET - FORD



CLIP - GM



CLIP - VW



CLIP - VW

PLASTIC COMPONENTS



CONNECTORS



3 WAY CONNECTOR - PORSCHE



CONNECTOR WITH ELBOW – DAIMLER TRUK



Y CONNECTOR WITH SAE - PORSCHE



CONNECTOR WITH FLANGE - PORSCHE

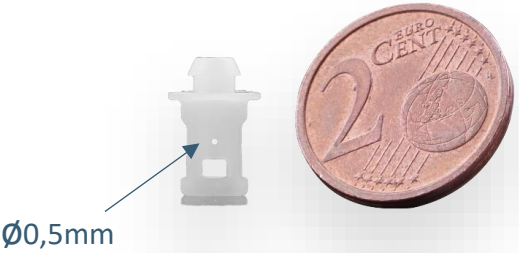


Y SAE CONNECTOR - DUCATI

PLASTIC COMPONENTS



INJECTION MOLDING AND ASSEMBLING OF PRECISION MICRO COMPONENTS



PART OF NOT RETURN VALVE - VW



NOT RETURN VALVE - VW



PART OF QUICK CONNECTOR - VW



PART OF QUICK CONNECTOR - VW



PART OF VENTURI VALVE - VW

PLASTIC COMPONENTS



WELDING



RESONATOR - BMW



MANIFOLD – BMW-MOTORRAD



INTERCOOLER DUCT – BMW



RESONATOR - PSA



RESONATOR - PORSCHE

PLASTIC COMPONENTS

OVERMOLDING



ADAPTER - PSA



REAR DIFFUSOR – BMW M



CONNECTOR - DAIMLER



RFID STOP CARD - MONDRAGHI



CHARGING CABLE - CONSTEED

PLASTIC COMPONENTS

MOLDING / ASSEMBLING / WELDING / TESTING / MARKING



JET PUMP – AUDI



DRAIN VALVE - JLR



CHECK VALVE - VW



CONNECTOR - PORSCHE



PART OF „VeriQuick“- VERITAS

PLASTIC COMPONENTS

BLOW MOLDING

specialized in 3D suction molding



SCR TRAVERSE - VW



INK TANK - DURST



DRAINING PIPE- GM



INTERCOOLER DUCT – RENAULT



HONEYCOMB GRID for HELMET – 720



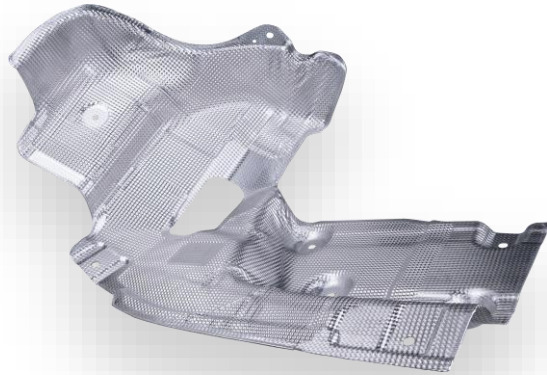
STOPPER CIDER – FLORIBUNDA



FALCON RING - MICROTEC



CARD WALLET - MONDRAGHI



HEAT SCHIELD - BMW



SIDE TRIM LUGGAGE COMPARTMENT – ROLLS ROYCE



LEATHER COVERED PILLER – ROLLS ROYCE



QUALITY



Driven by the automotive industry, we have developed internal quality processes according to which we continuously check and improve all our development and production processes.

STANDARDS

- Detailed quality and control processes
- Manufacturability analysis
- Failure Mode and Effects Analysis (FMEA)
- Production Control Plan (CP)
- Advanced Product Quality Planning (APQP)
- Optical and tactile measurements
- Initial sampling (Production Part Approval Process, PPAP)

OPTIMIZATION

- Continuous Improvement Process (CIP)
- Efficiency enhancement using established methods



We develop a variety of products that integrate innovative solutions and modern technologies to increase efficiency and productivity.

SMART PRODUCTS

BAL.ON - CONTINENTAL

In collaboration with Continental, the BAL.ON Smart Kit was developed from scratch, featuring advanced hardware, software, sensor integration, and NFC traceability. Combined with AI-driven data analysis and an intuitive app, it offers a cutting-edge golfing experience.

SCOPE OF DELIVERY

Product / Packaging Design

Soles with integrated pressure sensors

Electronic units with firmware

Charging stations with associated cables

Design and production of all injection molding tools

All plastic components (e.g., clips for shoes, housing)

Various test and calibration systems

Internal cloud storage

VOLUME

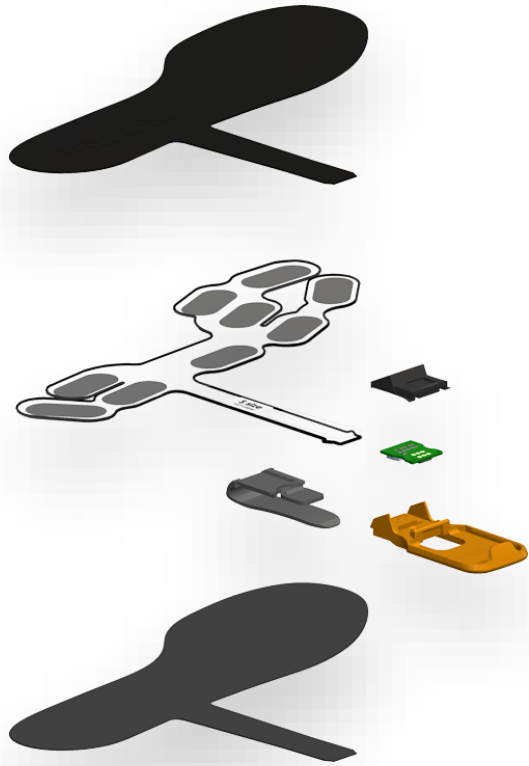
10,000 pcs / year



reddot winner 2023

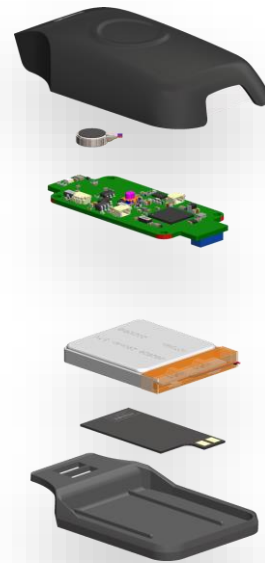


BAL.ON - CONTINENTAL



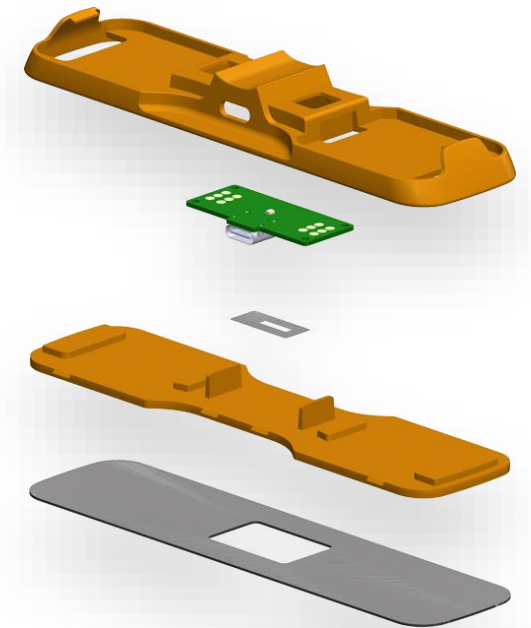
PRESSURE-SENSITIVE SOLE

The insole consists of a circuit of 9 sensors sandwiched between two layers of Cordura® and polyester. The sensors detect the athlete's foot movements with extreme precision, transforming them into signals transferred to the ECU



ELECTRONIC CONTROL UNIT (ECU)

The ECU, powered by a lithium battery and inserted into the eBox, processes the signals received from the insole, transferring them via bluetooth to the athlete's Smartphone, providing via the App a real-time feedback on the quality of the swing



CHARGING STATION

The charging station included in the kit allows quick charging of both eBoxes. The charging station is supplied with USB cable

BAL.ON - CONTINENTAL



PACKAGING

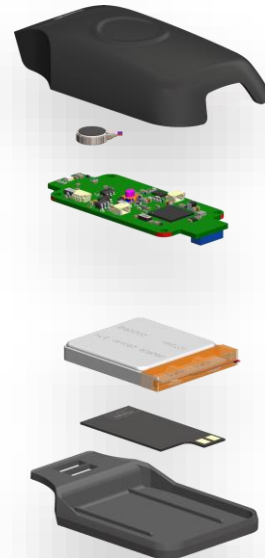
The extremely elegant packaging enhances the sensory experience for the user

SMART PRODUCTS

CONSTEED



HORSE SHOES with integrated PRESSURE-SENSITIVE SENSORES



ELECETRONIC CONTROL UNIT (ECU)



TRANSPORT BAG

SUSTAINABILITY PROGRAMM



Our sustainability program promotes environmental, social, and economic sustainability.



100% GREEN ENERGY

Since 2023, we have been using 100% green hydroelectricity from South Tyrol.



+200 KW PHOTOVOLTAIC SYSTEM

By Sunny days the system covers our daily consumption.



CLOSED WATER CYCLE

A closed water cycle drastically reduces our water usage.



HEAT EXCHANGERS

Waste heat from production is efficiently utilized through heat exchangers.



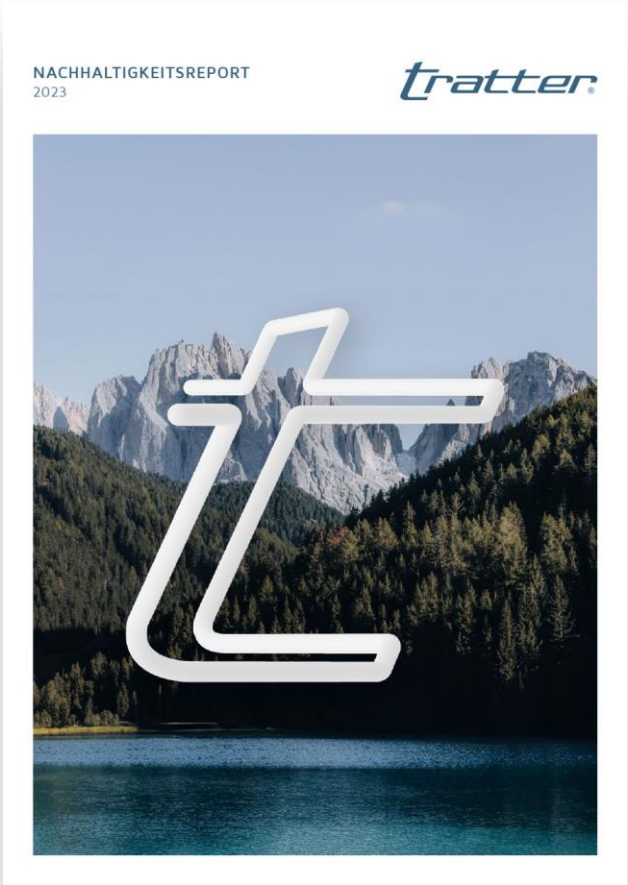
EV CHARGING STATIONS

EV charging stations are available on our premises.



VEGETABLE GARDEN

Our in-house vegetable garden reduces transport emissions by providing homegrown produce.



SOCIAL RESPONSIBILITY



Social values are central to our corporate philosophy.



We are committed to fostering a workplace that values equal opportunity and diversity, ensuring that all employees are respected and appreciated.



We support a healthy work-life balance and prioritize occupational safety.



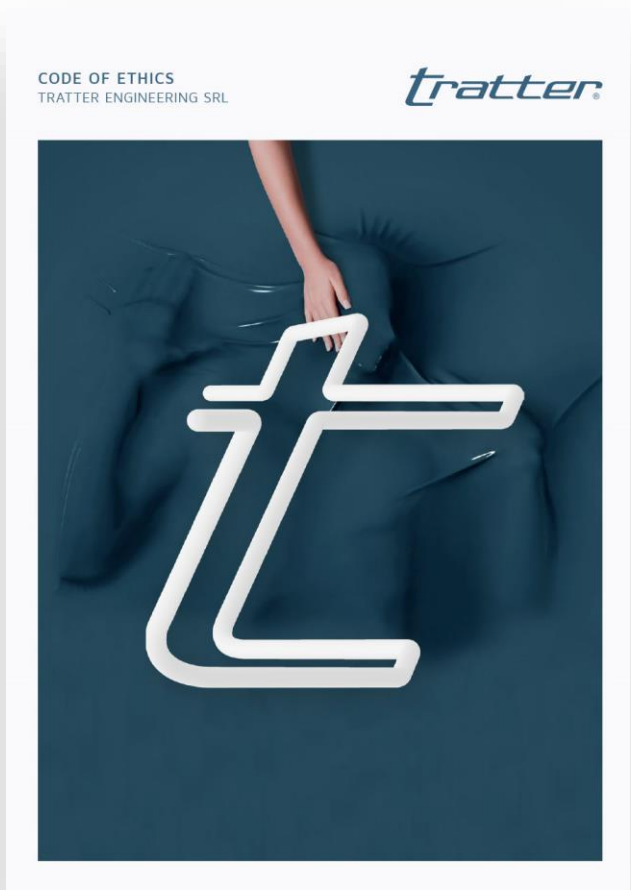
We also invest in continuous training and employee development to ensure growth and success.



Our comprehensive support offers aim to assist employees in all aspects of their professional and personal lives.



Additionally, we actively engage in social projects, contributing to the well-being of both our employees and the broader community.





+25 YEARS
of experience in development



3 PRODUCTION FACILITIES
Italy, Austria, Poland



CERTIFIED
ISO 9001:2015 & IATF 16949:2016



+ 100 EMPLOYEES
internationally experienced team



ESTABLISHED SUPPLIER
in the automotive fluid sector



AUTOMOTIVE
experienced project management



+ 9.6 Mio.
products yearly delivered globally



3
patents filed



COLLABORATION
Tratter is a partner not a competitor

CONTACT



Gerhard Tratter

SALES SMART PRODUCTS

g.tratter@trattereng.com



Marco Bianchi

SALES PLASTIC COMPONENTS

m.bianchi@trattereng.com



Michael Leitner

SALES TOOL MANUFACTURING

m.leitner@trattereng.com



Your innovation Partner for Smart Solutions

THANK YOU

