

Baltic Automotive Components Cluster

bacc.it



LITHUANIAN INDUSTRY

CONSTANTLY GROWING AND BECOMING MORE
AND MORE COMPETITIVE

ASSESSING MANUFACTURING'S POST-PANDEMIC RECOVERY POTENTIAL



"Lithuania is rated among TOP 10 in the world and TOP 5 in Europe on the attractiveness for global manufacturing"

MANUFACTURING RISK INDEX (2020)
(Cushman & Wakefield survey)



AUTOMOTIVE INDUSTRY

BALTICS

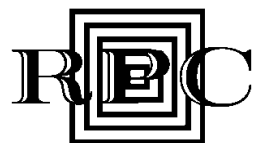
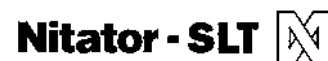
- ~ **75 companies** are producing parts and components for automotive, agriculture and construction machinery industry
- Revenue is very closed to **1 billion EUR***
 - Revenue in Lithuania ~ **500** mill.
- Over **15 000 employees**
 - In Lithuania > **9000**

** Prognosis at the beginning of the year*



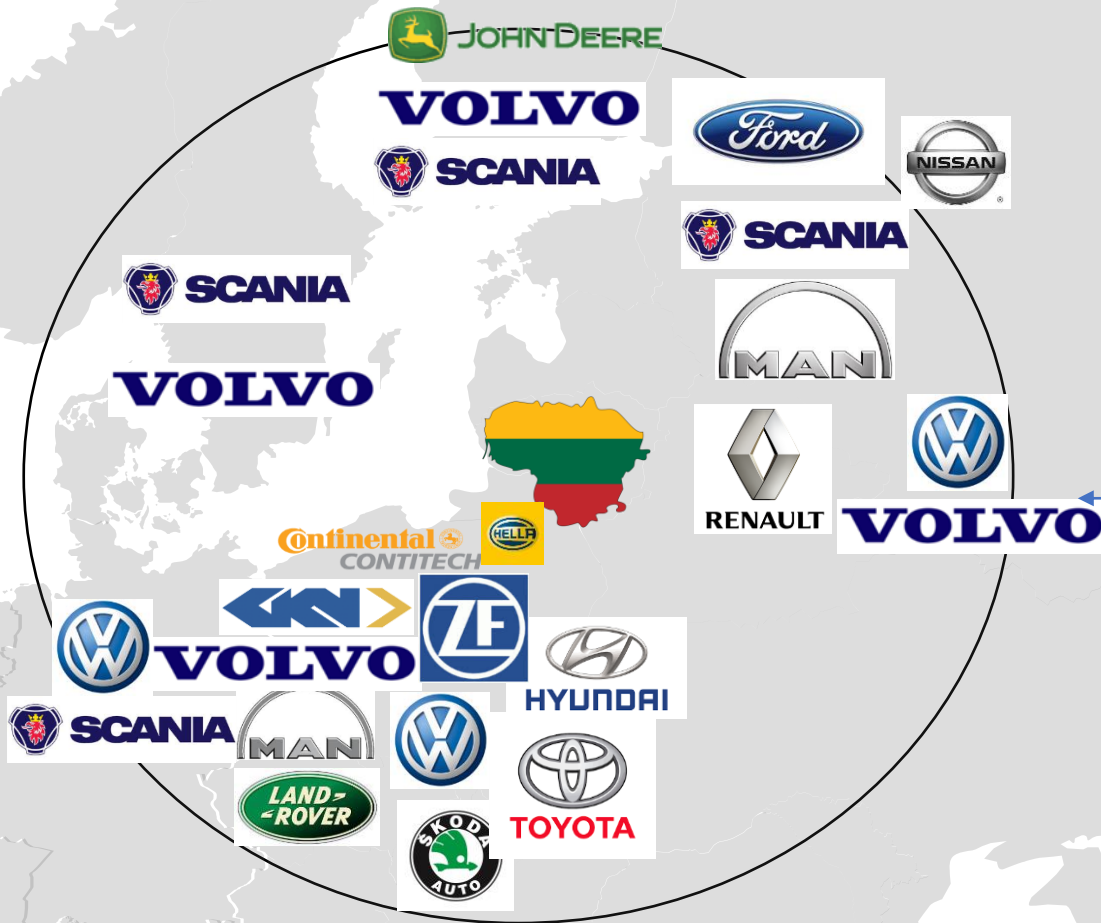
AUTOMOTIVE INDUSTRY

INTERNATIONAL PRESENCE IN BALTICS



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Baltic Automotive Components Cluster



1000 km

60 OEM

+120 TIER1

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OUR ADVANTAGES AND BENEFITS FOR CLIENTS



**Extensive
experience
working with the
automotive and
engineering
companies in
Western,
Northern and
Eastern Europe.**



**International
experience:
participation in
the international
exhibitions,
business
missions and
conferences**



**Common
projects with the
aim to reduce
production
and overhead
costs**



**Internal
cooperation
among BACC
members –
strengthening
relations,
development of
the service /
product value
chain**

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OUR ADVANTAGES AND BENEFITS FOR CLIENTS



Partnership with vocational schools and universities to help the industry prepare targeted professionals



In cooperation with audit firms, to organize / coordinate necessary training according to IATF 16949, VDA6.3 and other standards



Production of small and middle sized automotive parts and components



Timely updated reports

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ACTIVITIES

PRODUCTION OF
STAMPED PARTS,
METAL PRESSING

TOOL DESIGN AND
PRODUCTION,
PROTOTYPING

MACHINING
PARTS (MILLING,
TURNING)

FORGED PARTS

MANUFACTURE
OF FILTERS

ALUMINUM
CASTING

INJECTION
MOLDING,
PRODUCTION OF
PLASTIC
COMPONENTS

METAL SURFACE
TREATMENT,
COATING,
PLATING



PASSENGER
CARS



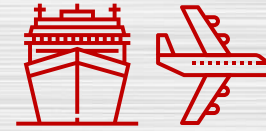
BUSSES
TRUCKS



RAIL
TRANSPORT



CONSTRUCTION
MACHINERY,
AGRICULTURAL
MACHINERY



AIRCRAFT AND
MARINE



PRODUCTION
OF AUTOMOTIVE
ASSEMBLY-
LINES

SUPPLY CHAIN
MANAGEMENT

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PRODUCTS APPLICATION

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ACTIVITIES

MANUFACTURE OF
AUTOMOTIVE CABLE
HARNESSES AND ELECTRO-
MECHANICAL SYSTEMS

ELECTRONICS
PRODUCTS,
ASSEMBLAGE
SERVICES

MANUFACTURE
OF AUTOMOTIVE
COMPRESSORS

PRODUCTION OF
CONVENIENT
MINICOACHES AND
MINIBUSES

MANUFACTURE
AND REPAIR
OF REFRIGERATED
VEHICLES

ASSEMBLY,
INSTALLATION

SUPPLY CHAIN
MANAGEMENT

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PRODUCTS APPLICATION



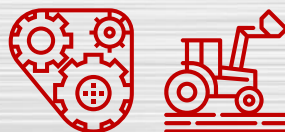
PASSENGER
CARS



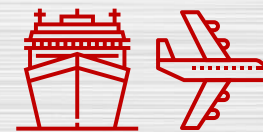
BUSSES
TRUCKS



RAIL
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CONSTRUCTION
MACHINERY,
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AIRCRAFT AND
MARINE



PRODUCTION
OF AUTOMOTIVE
ASSEMBLY-
LINES

QUALITY

QUALITY ACCREDITATIONS & QUALITY ASSURANCE

IATF 16949

ISO 1090

ISO 9001

ISO3834-2

ISO 14001

EN15085/2

OHSAS 18001

- **Certified VDA professionals**
- **Coordinate measuring system (CMM)**

LEAD TIMES FROM PURCHASE ORDER TO FIRST-OFF COMPONENT DELIVERY

- **12 Weeks from design-freeze to First Of Tool**



FORGED PARTS



STAMPED PARTS, DEEP DRAWING



CNC MILLING, CNC TURNING



WIRING HARNESSES, CABLES, ELECTROMECHANICAL MODULES



AIR, CABIN, OIL, FUEL FILTERS

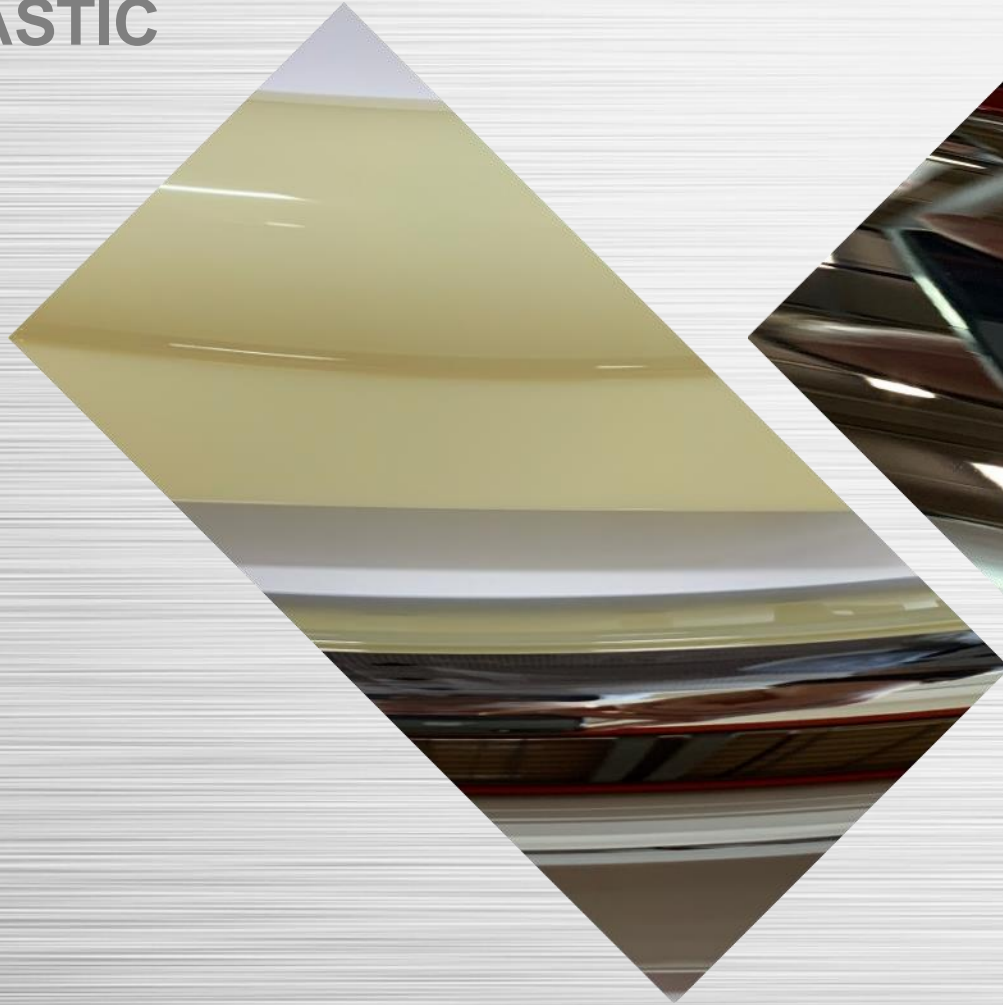


AIR BRAKE COMPRESSORS

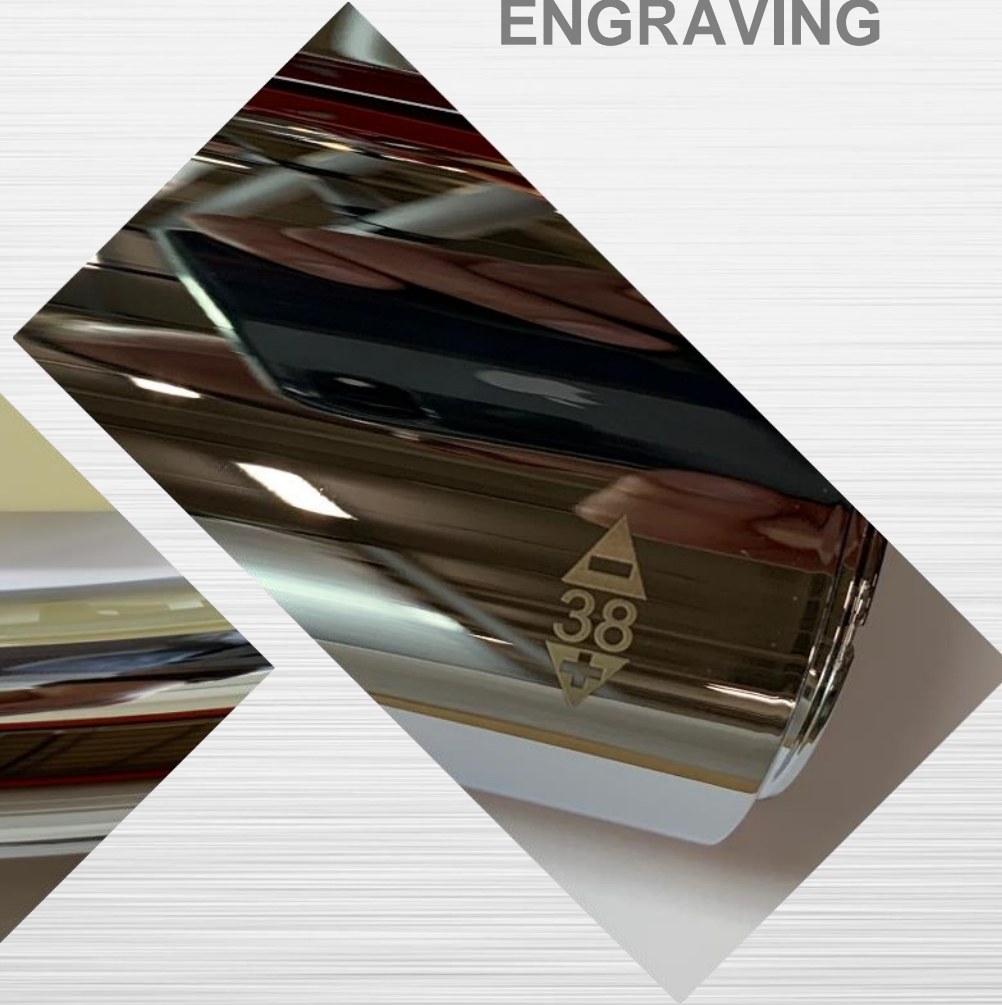


PLASTIC INJECTION MOULDING - PROCESSES

CHROME PLATING
ON PLASTIC



LASER
ENGRAVING



PLASTIC INJECTION MOULDING - PROCESSES



INJECTION MOLDING
(COSMETICAL) +
ULTRASONIC WELDING



INJECTION MOLDING
(COSMETICAL) + HOT
STAMPING + ASSEMBLY

METAL SURFACE TREATMENT, COATING, PLATING

KTL , ZINK, ZNNI, ZNFE PLATING



ENGINEERING CAPACITIES, R&D AND ACHIEVEMENTS



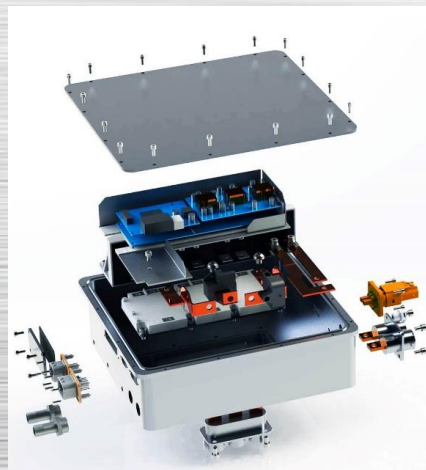
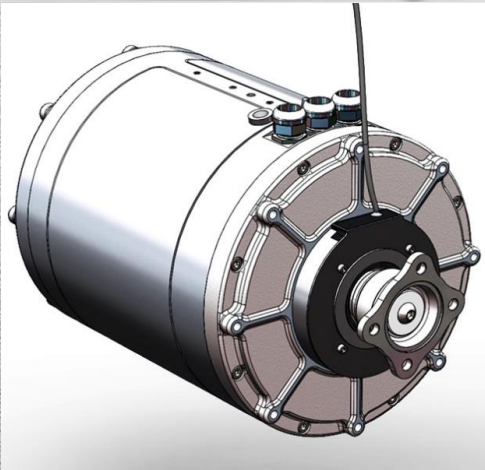
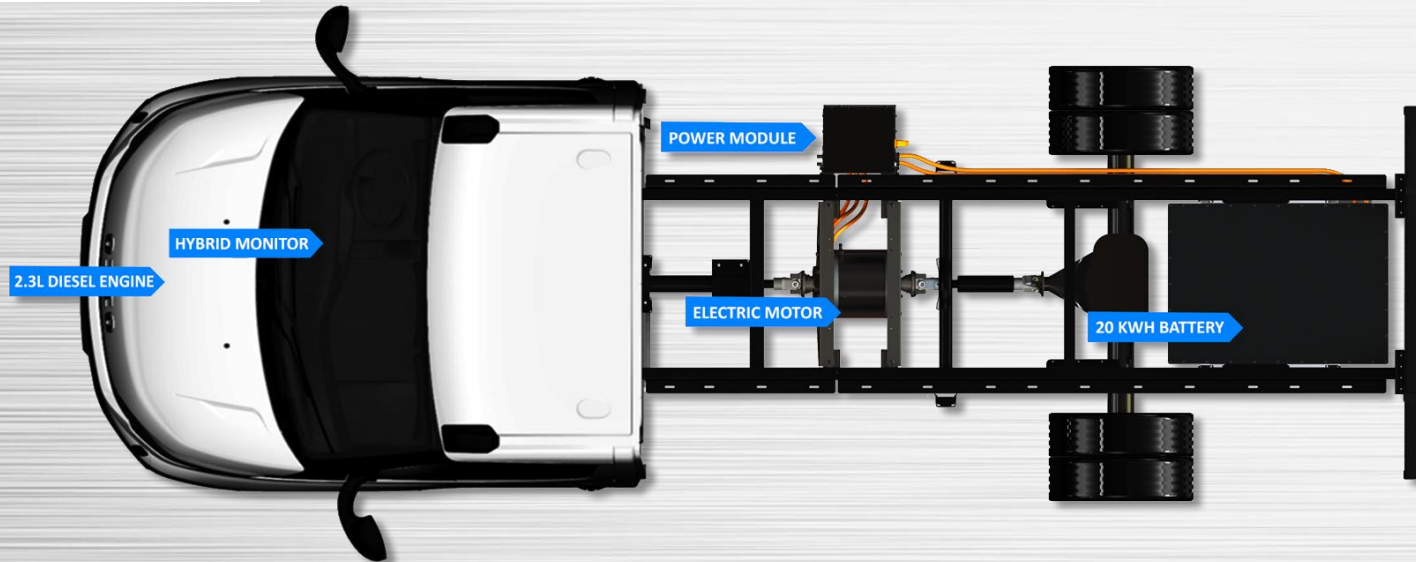
Fleet management solutions



Vehicle trackers
Accessories
Solutions



E-DRIVE SYSTEMS DESIGN AND INTEGRATION



**ALL IN-HOUSE
DEVELOPMENT
AND PRODUCTION**

Altas Auto is a Lithuanian Mini and Midi bus engineering enterprise which manufactures their products to the standard of such world market leaders as Mercedes-Benz, Volkswagen, MAN and Iveco. The company is No. 1 by sales in the Scandinavian market and one of the Europe's leading companies in the field of engineering and manufacturing of minibuses.

→ 800 UNITS PER YEAR

Production scale



IVECO

ALTAS VIATOR

29 seats + 1 + 1 mid-size Altas flagship tourist bus



ALTAS NOVUS ELECTRIC MINIBUSES

2 low floor city and 2 multifunctional models available





The e-buses, designed and manufactured in the Lithuania



DANCER BUS

Dancer is an electric transport solution that includes e-buses, full maintenance, and its own green energy supply.

A Dancer can seat 32 passengers and carry 93 altogether.

The bus is equipped with an advanced climate control system, high-speed wireless internet for passengers, USB slots for mobile phones and an automatic ramp for the lifting of wheelchair. The driver's experience is facilitated by a new generation of night vision cameras that broadcast 3D images of the environment to mirror screens.



UK Electric Vehicle Unicorn Arrival



Arrival LT

Engineering department in Lithuania

- Design
- Engineering
- Prototyping/manufacturing:
 - electric motors,
 - gear box,
 - battery modules.

BACC is interested in the following areas of cooperation:

- Production and trade of automotive parts and components for OEM, TIER1, developing value chain with the aim to save costs or time for our clients;
- Organization of visits, trade missions to know better potential suppliers or manufacturers in Lithuania;
- Identification and initiation of business-relevant joint projects to develop together new products or services;
- Introduction of new opportunities for expansion / relocation projects

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THANK YOU

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EXECUTIVE DIRECTOR

