

# Kautex Textron\_

NAATBatt – International 2022

*February 7<sup>th</sup> -10<sup>th</sup> , 2022*



**PENTATONIC**  
Battery System

# Textron Inc. & Kautex



Beechcraft | Cessna | Hawker  
TEXTRON AVIATION

TEXTRON OFF ROAD | KAUTEX  
A Textron Company

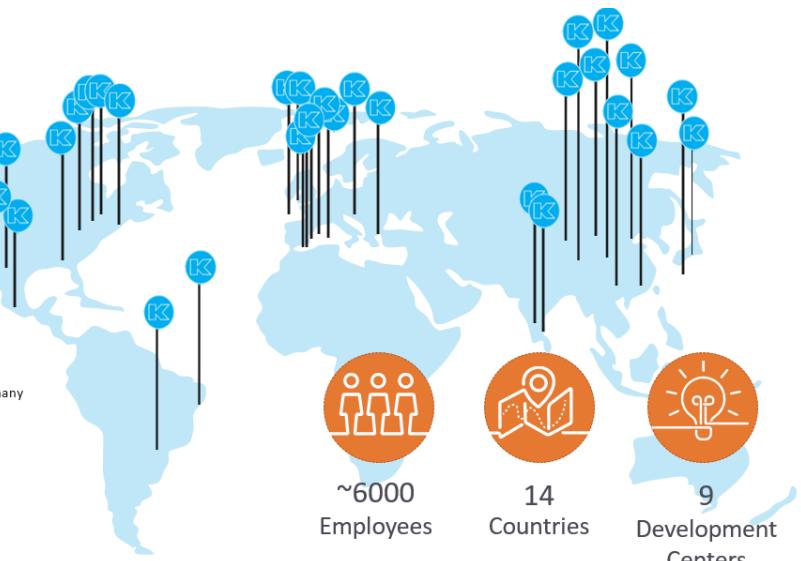
BELL | EZGO | ARCTIC CAT  
Avalanche Powersports

2020 Revenue - \$11.7B



## 30+LOCATIONS WORLDWIDE

- Guararema, Brazil
- Silao & Puebla, Mexico
- Avilla IN, San Antonio TX, Lavonia GA, Detroit & Muskegon, MI
- Windsor, Canada
- Coventry, Liversedge & Hengoed, UK
- Tessenderlo, Belgium
- Leer, Bonn, Duisdorf, Mellersdorf, Waldkirch Germany
- Barcelona, Spain
- Knežmost, Czech Republic
- Craiova, Romania
- Gujarat & Bangalore, India
- Guangzhou, Shanghai, Chongqing, Changchun, Wuhan, Pinghu, Tianjin, China
- Yokohama & Hiroshima, Japan



**KAUTEX**  
A Textron Company

## Top 100 Tier-1 Automotive System Supplier!

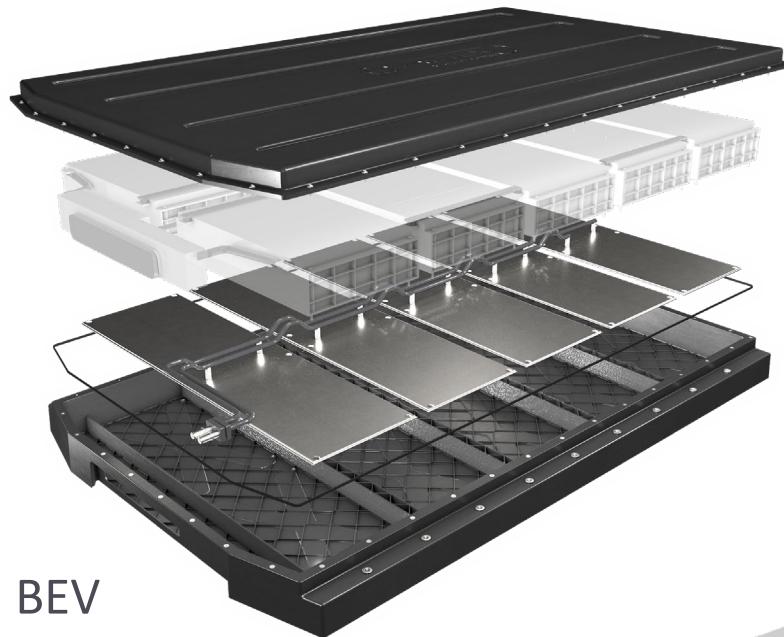
- 2020 Revenue – \$1.75 B
- +50 years supplying plastic fuel systems & solutions to automotive OEMs
- 1<sup>st</sup> to market in lightweight, all plastic hybrid fuel systems



**Kautex PENTATONIC**  
Battery System

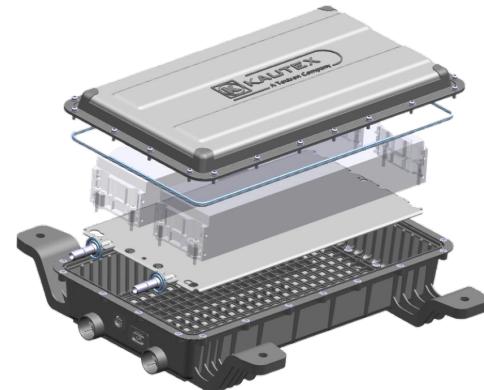
- Started in 2017
- Internal Start-Up
- Global Team
- 1st lightweight all plastic battery enclosure with high level of functional integration

# Introduction to Pentatonic: Kautex Delivery Content



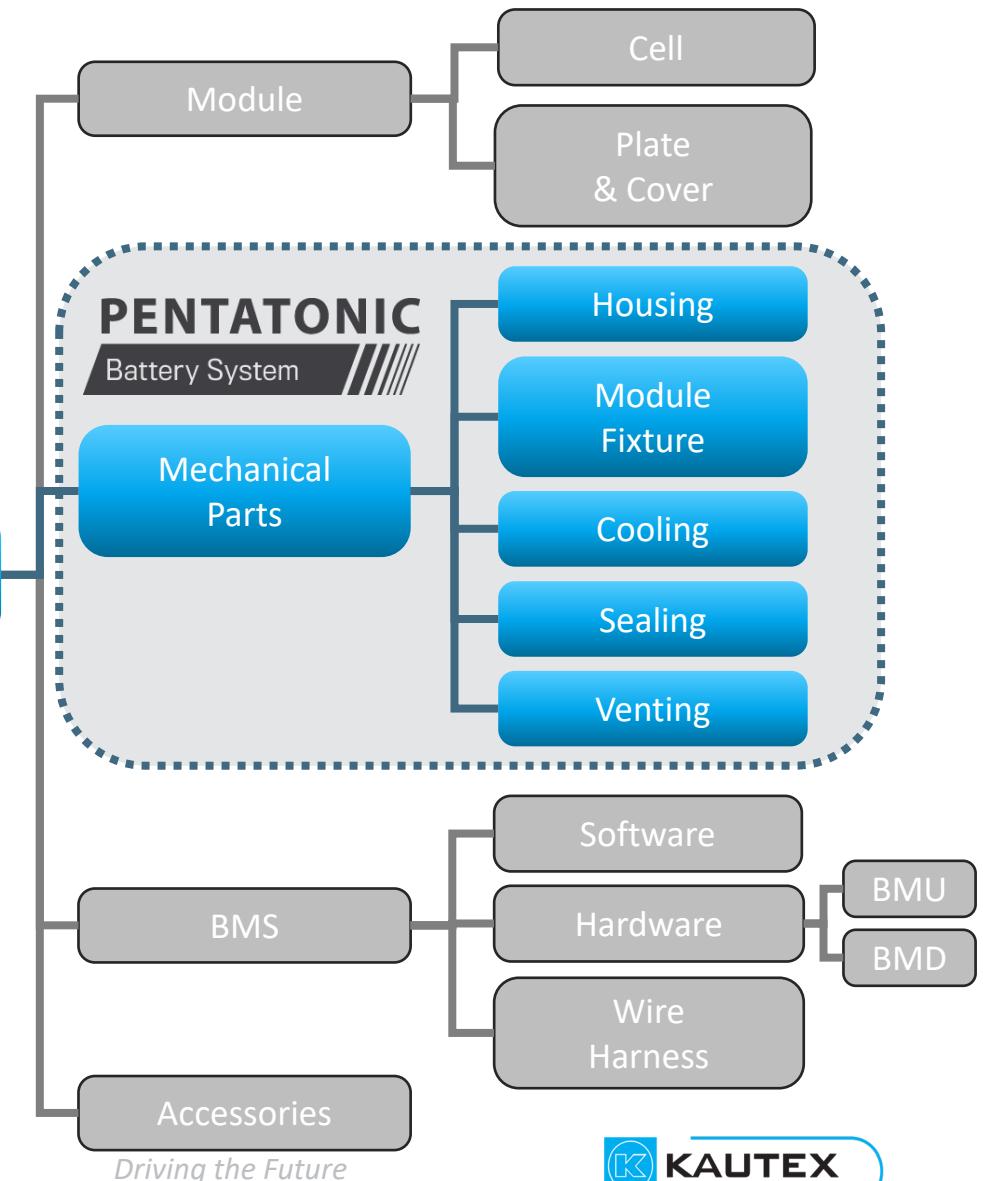
BEV

\*exemplary designs



PHEV/HEV

Battery  
Enclosure

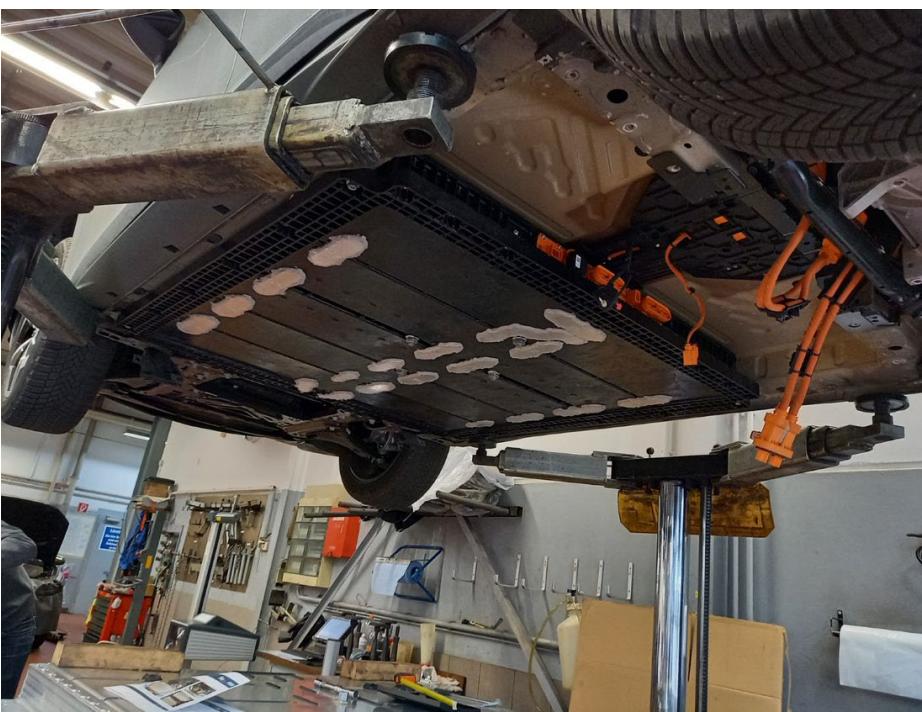


## Product Example: Full Thermoplastic BEV Battery Housing

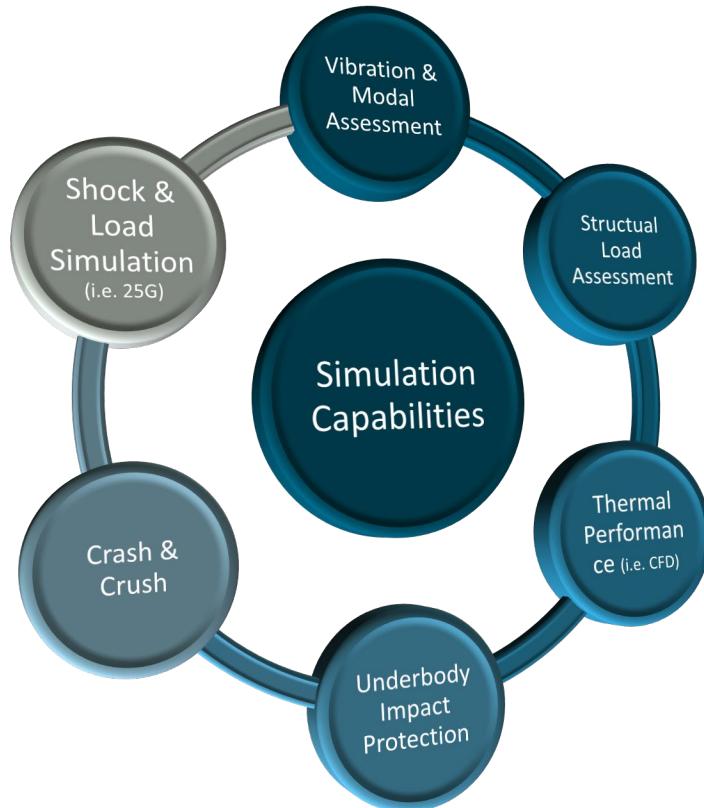
- Kautex-designed
- 1.400 x 1.400mm - 62 kWh
- One-shot process
- D-LFT compression molding
- Direct integration of reinforcements
- Undergoing full validation



Image source: Volkswagen.de



# North American Contacts & Simulation Capabilities



**Simulation & Virtual Design Validation**  
**Resource Efficient Development**



Visit us:



# Thank you \_

