

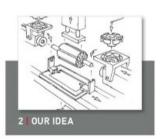


Virtual Berenberg Conference USA | May 2020



# Automated manufacturing equipment for complex applications















# Aumann at a glance

#### **Right business**

Fully automated E-mobility production lines ...



...based on modular machines and exclusive motor winding technologies...





...leveraging know-how from special machinery of Aumann's Classic segment



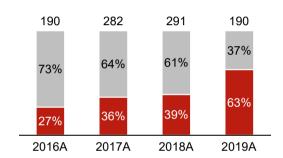


#### Right capabilities

- > 80 years of winding experience
- > 30 years partner of automotive OEMs
- c. 1,2001) highly skilled professionals
- 6 locations in Germany, China and USA
- c. 45,000 sqm of shop floor

#### E-mobility growth

Order intake share evolution in € million and in %



#### **Target Markets**



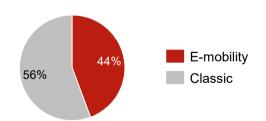
E-mobility





Industry

Segment revenues as of 31 December 2019





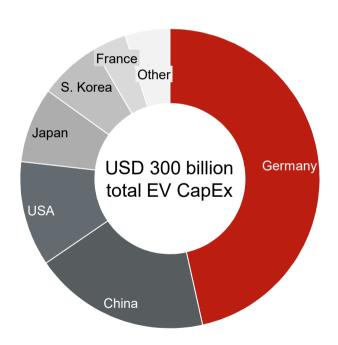


- Decades of experience High automotive exposure and trusted client relationships
- Megatrend focused Long-term growth prospects due to rising E-mobility penetration
- Technological pioneer All relevant winding technologies and deep automation know-how
- Optimal corporate setup **Profitable** and **asset-light business model**
- Solid financials **Healthy balance sheet** and **net cash position**



# E-mobility business growth supported by longstanding customer relationships

OEM's plan to massively invest in EV this decade EV CapEx flows by country of origin of OEM



#### **Selected Aumann customers**

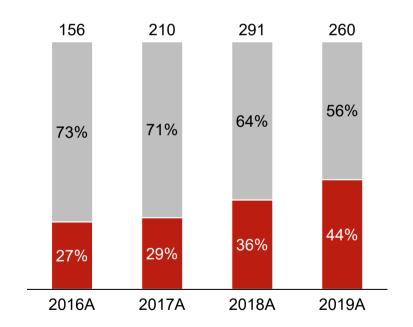


Source: Reuters Graphics 2019

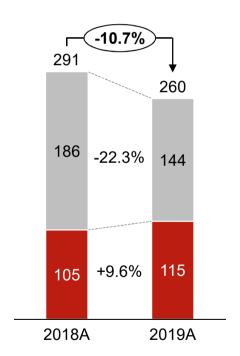


# E-mobility share increases as classic business contracts

Revenue share evolution in € million and in %



Total revenue evolution in € million



Classic E-mobility

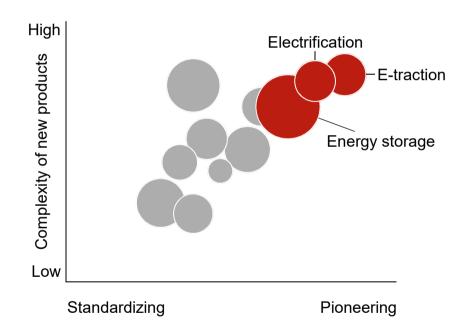


# E-mobility is in the centre of Aumann's pioneering DNA

# Energy storage Assembly of modules, packs, boxes, fuel cells Electric motor Winding, Assembly of stator and/or rotor Electrification

Winding, Assembly of E-auxiliary systems

#### Volume of selected automotive market segments\*



<sup>\*</sup> Internal market evaluation 6



# Aumann combines technology and product know-how though R&D capabilities

Engineering

Customizing

Pioneering

Aumann E-mobility solutions





# Aumann has the ideal capabilities, industry experience and corporate setup

Technological leadership



Exclusive winding technologies

Highest degree of automation

Complete production lines

E-mobility focus



Decades of automotive focus

Relationships to major OEMs/Tier-1s

Technologies for E-drivetrain

Corporate setup and workforce



6 locations in Europe, China, USA

Experience with large order volumes

Highly skilled engineers

A global leader in highly automated production lines for E-mobility





# Key facts 2019



Strong progress in development of new thick / flat wire applications



E-mobility order intake share increases to 62.8 %



Revenues of € 259.6 million with an increase of E-mobility by 9.6 %



EBITDA at € 21.2 million (8.2 % margin) and EBIT (adj.) at € 16.3 million (6.3 % margin)



Equity Ratio of 62.2 % and liquidity of € 95.3 million

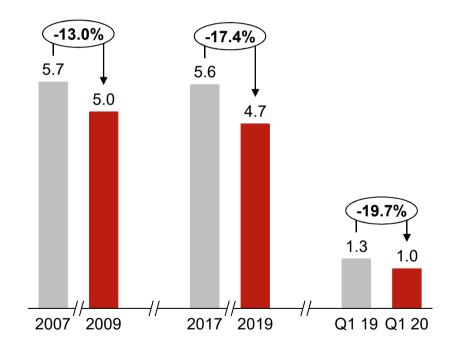


Further execution on flexibilization of cost base and production depth



# Diverse uncertainties weigh on automotive industry

#### Annual German car production in million units produced



#### Stress factors for the automotive industry



Macroeconomic and political uncertainties



Next phase in car fleet emission targets



Management of overcapacity



Cost savings and investment constraints



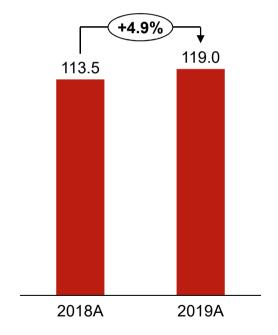
Management of COVID-19 effects

10 Source: VDA

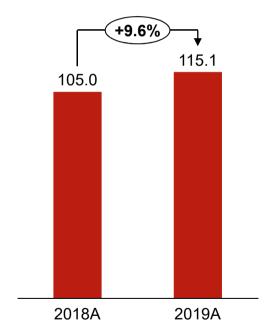


# E-mobility shows growth in revenues and order intake

E-mobility order intake in € million



E-mobility revenues in € million





# E-mobility revenue growth cannot offset evolution in Classic

Total order intake in € million

290.9

177.4

189.5

70.5

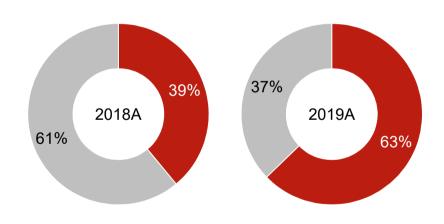
113.5

119.0

2018A

2019A

Order intake share development in %

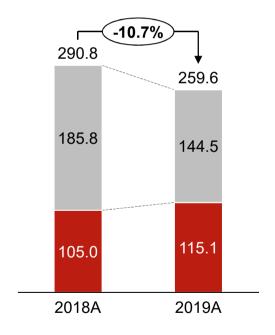




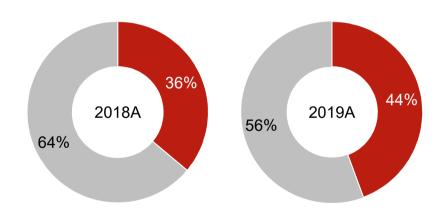


# Revenues follow order intake evolution

Total revenues in € million



Revenue share development in %

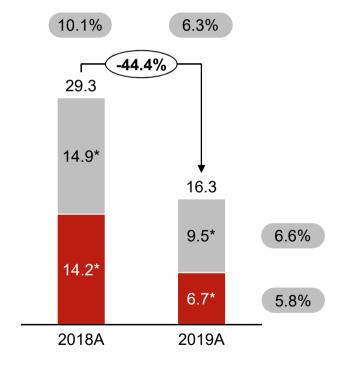




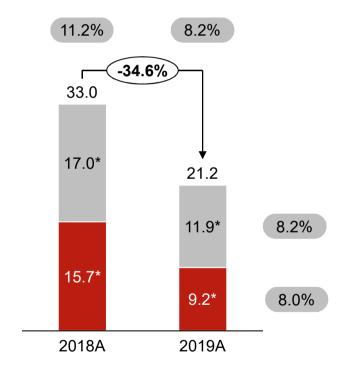


# Margins suffer form adverse market environment

Total EBIT (adj.) in € million and in % of revenues



Total EBITDA
in € million and in % of revenues



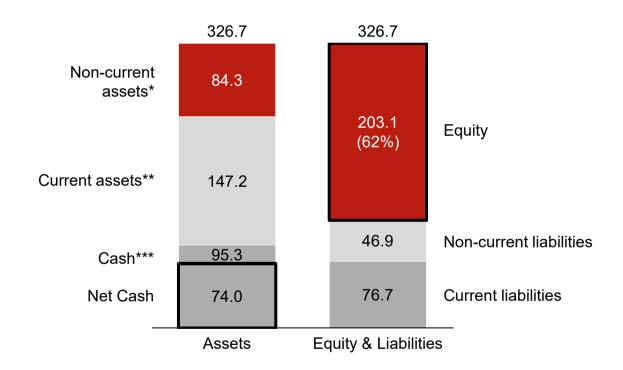
Classic E-mobility

<sup>\*</sup> Not shown are effects of reconciliations and adjustments



# Aumann's balance sheet remains a solid support in this challenging environment

# Balance sheet 31 December 2019 in € million





# 2020 will be a transition year for Aumann – Priorities and guidance



Managing ongoing crisis in the automotive industry



Adjustment and optimization of the organization



Continuing research and development in E-mobility technologies



Investigating M&A opportunities



Guidance 2020: Revenues € 180 – 200 million, EBITDA margin of up to 5 % (prior to any one-offs)



Management of COVID-19 pandemic



No matter who will prevail the **E-mobility revolution** they will need production solutions **Made by Aumann** 

www.aumann.com



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**Investor Relations** 

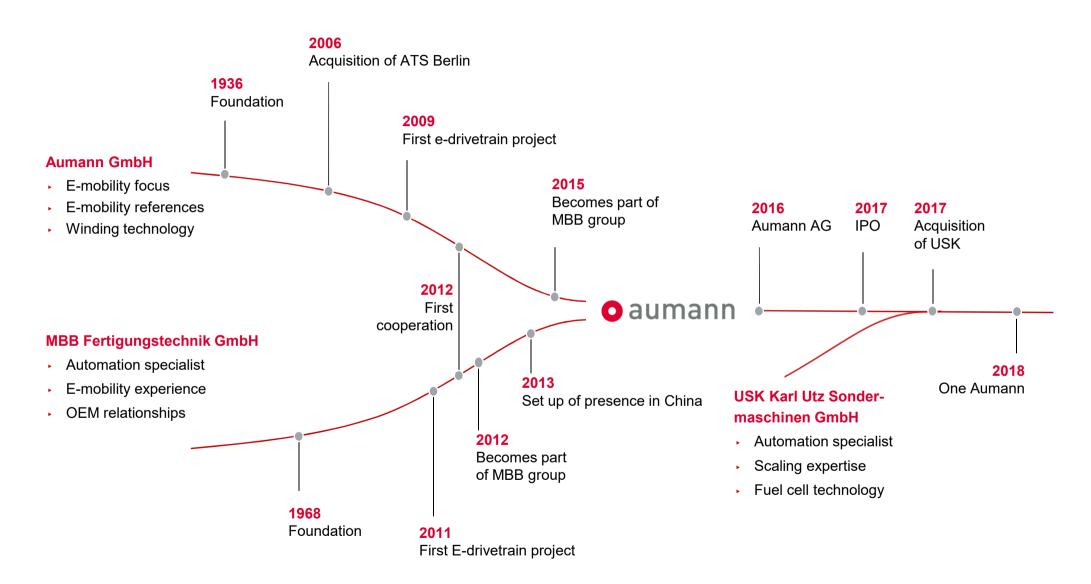
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# Appendix



#### The historical roots of Aumann





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