



# BUSCH VACUUM SOLUTIONS

## NAATBatt – Member Update Presentation

Derek Shields | February 10, 2022

# Busch Vacuum Solutions

## Global Footprint

- Busch Vacuum Solutions founded in 1963 in Maulburg, Germany by Dr. Karl and Ayhan Busch
- 60+ companies in over 40 countries with more than 3,500 worldwide employees
- Production sites in USA, Germany, UK, Czech Republic, Switzerland, South Korea – producing 100,000+ vacuum pumps annually
- Global Quality Standards:
  - ISO: 9001:2015, ISO: 14001, OSHA: 18001, Certified/Compliant to IATF: 16949



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## Busch USA

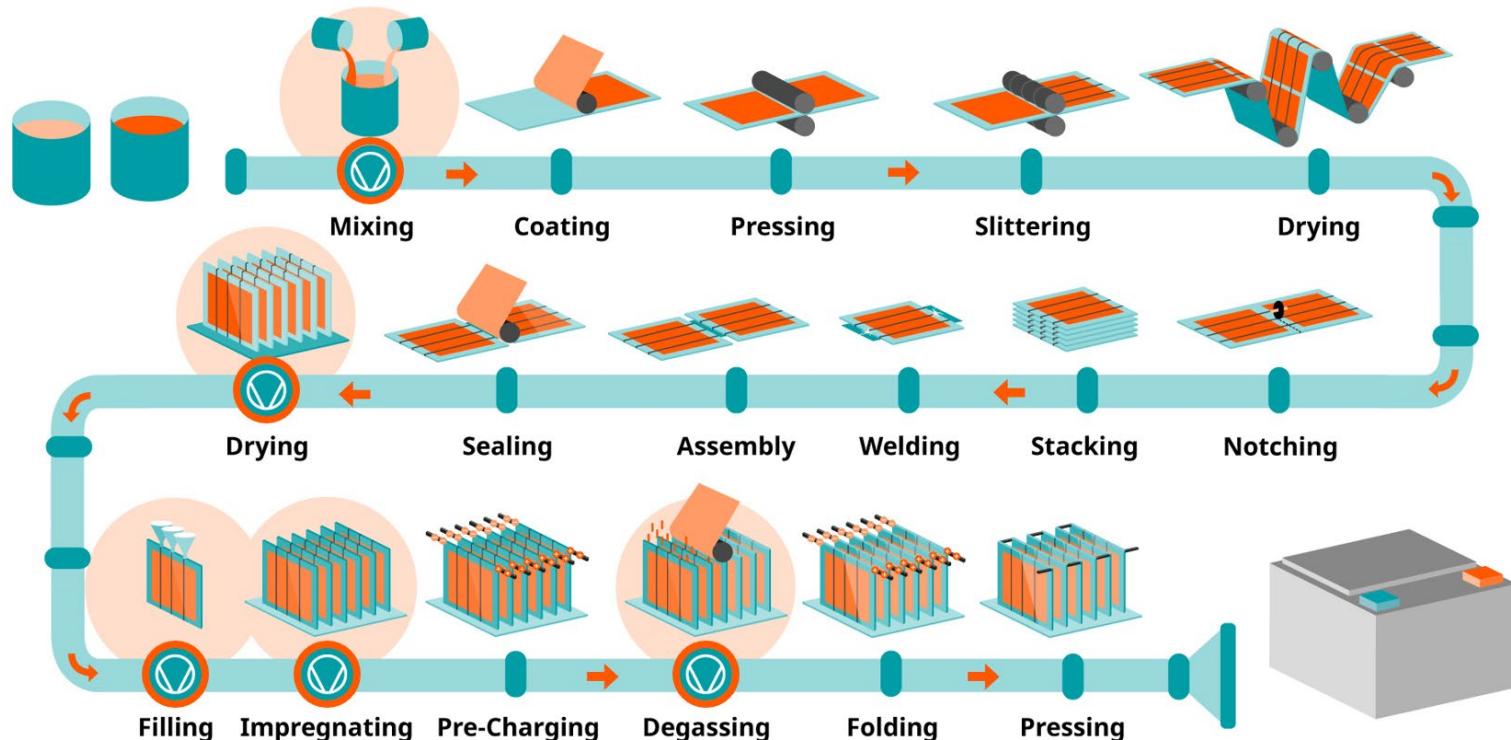
- Busch USA founded in 1975
- Headquarters in Virginia Beach, VA
  - 200,000+ sq ft. vacuum pump & system manufacturing facility
- 500+ employees and 8 Service/ Support Locations throughout USA
- 24/7 Field Service Technician support
- Experienced engineering team on staff for customized systems



# Busch Vacuum Solutions

## Vacuum in the industry

Vacuum is a **critical requirement** in **every stage** of battery production.



# Busch Vacuum Solutions

## Why Busch?

- **Ideal Solutions**
  - Perfectly suited for all vacuum-related stages of battery production, including leak detection. Manufacturing in IATF-certified plants (IATF 16949: 2016).
- **Lower Operational Costs**
  - Up to 55% energy savings with our Busch solutions.
- **Unique Service Support**
  - Offering our exclusive remanufacturing according to IATF 16949. Large variety of support packages including our OTTO digital monitoring system.
- **Custom Systems**
  - Designed to meet the needs of small pilot / R&D applications and large production Gigafactory demands.