



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



Busch Vacuum Solutions

Busch USA

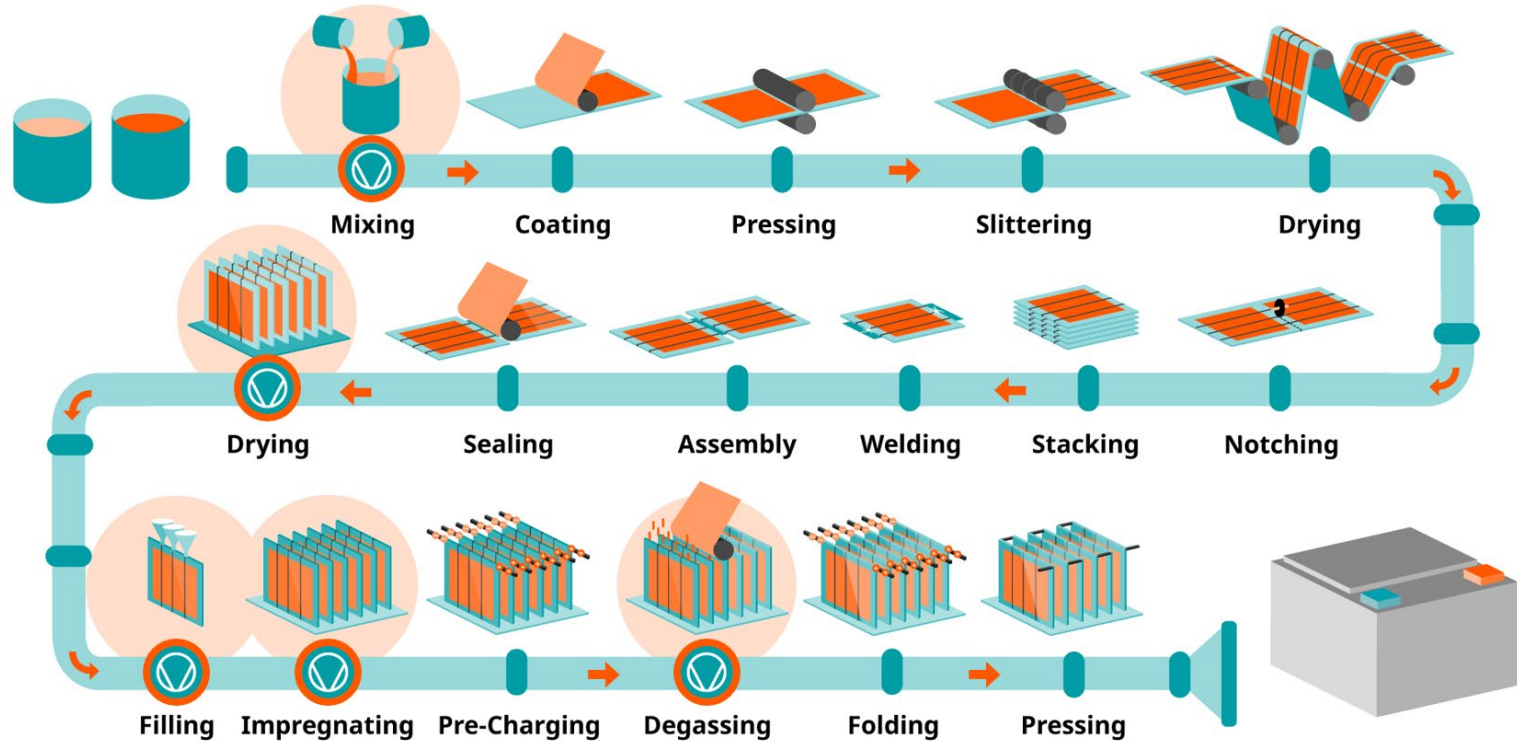
- Busch USA founded in 1975
- Headquarters in Virginia Beach, VA
 - 200,000+ sq ft. vacuum pump & system manufacturing facility
- 500+ employees and 8 Service/Support Locations throughout USA
- 24/7 Field Service Technician support
- Experienced engineering team on staff for customized systems



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 Giga factory demands.