

CVD

Equipment Corporation

enabling tomorrow's technologies™

COMPANY PRESENTATION

July 2024

CVD
Equipment
Corporation

n
firstnano

SDC

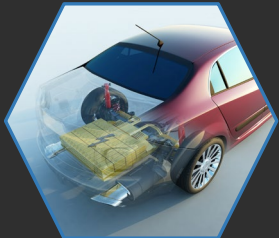
Safe Harbor Statement

The Private Securities Litigation Reform Act of 1995 provides a "safe harbor" for forward-looking statements. Certain information included in this press release (as well as information included in oral statements or other written statements made or to be made by CVD Equipment Corporation) contains statements that are forward-looking. All statements other than statements of historical fact are hereby identified as "forward-looking statements," as such term is defined in Section 27A of the Securities Exchange Act of 1933, as amended, and Section 21E of the Securities Exchange Act of 1934, as amended. Such forward looking information involves a number of known and unknown risks and uncertainties that could cause actual results to differ materially from those discussed or anticipated by management. Potential risks and uncertainties include, among other factors, market and business conditions, the success of CVD Equipment Corporation's growth and sales strategies, the possibility of customer changes in delivery schedules, cancellation of, or failure to receive orders, potential delays in product shipments, delays in obtaining inventory parts from suppliers and failure to satisfy customer acceptance requirements, competition in our existing and potential future product lines of business, including our PVT systems; our ability to obtain financing on acceptable terms if and when needed; uncertainty as to our ability to develop new products for the high power electronics market; uncertainty as to our future profitability; uncertainty as to any future expansion of the Company; uncertainty as to our ability to adequately obtain raw materials and components from foreign markets in light of geopolitical developments; and other risks and uncertainties that are described in the Company's Annual Report on Form 10-K for the year ended December 31, 2023 and the Company's other filings with the Securities and Exchange Commission. For forward-looking statements in this release, the Company claims the protection of the safe harbor of the Private Securities Litigation Reform Act of 1995. The Company assumes no obligations to update or supplement any forward-looking statements whether as a result of new information, future events or otherwise. Past performance is not a guarantee of future results.

Key Markets



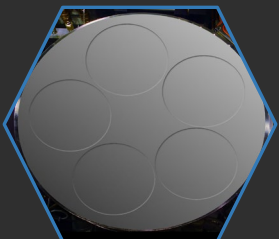
High Power Electronics



EV Battery Materials/Energy Storage



Aerospace & Defense



Industrial Coating Equipment

CVD Equipment Corporation

CVDE designs and manufactures turnkey materials deposition and thermal process equipment to the Power Electronics, Energy Storage, Aerospace & Defense, and Industrial Coating Equipment Market

About CVDE:

- Manufacture Complete Turn-Key Systems
- Service customers with demanding material performance requirements
- Provide relentless commitment to customer satisfaction
- Deliver competitive advantage to our customers through innovation, market focus and operational excellence

Market Drivers:

- The global energy demand
- Addressing the need for clean and sustainable energy solutions

“Electrification of Everything”

Electric vehicles (EVs) driving demand for **Silicon Carbide Wafers** for High Power Electronics Applications; Charging & Power Distribution and High-Performance **Battery Materials**

Green and Efficient Aerospace & Defense

Fuel-efficient aircraft driving demand for **Ceramic Matrix Composite (CMC) materials** in gas turbine engines

CVDE’s Value Proposition:

- 40+ Years Providing Equipment & Process Solutions
- High Quality Components & Systems Built in the USA
- In-House Process Development Laboratory
- Proprietary Software & Control System Platform
- Vertically-Integrated Manufacturing
- Global Account Management and Customer Engagement
- High Touch Customer Service

40+ YEARS IN PROCESS EQUIPMENT

NASDAQ: CVV




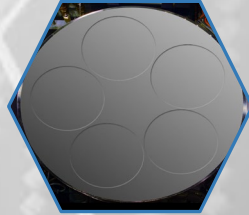
~120 Employees Worldwide

CVD Equipment Corporation At a Glance

- ✓ Operating in key markets that have significant growth opportunities
- ✓ Provides reliable and precise equipment and solution systems to our customers in our key growth markets
- ✓ Proven track record of customer engagement and satisfaction through on-time delivery and customer support
- ✓ Uniquely positioned to address high-growth Silicon Carbide (SiC) market driven by global EV adoption
- ✓ Seasoned Management Team with deep global manufacturing expertise



Key Markets

High-Growth  SiC High Power Electronics	Emerging  EV Battery Materials/ Energy Storage	Legacy  Aerospace & Defense	Emerging  Industrial Coating Equipment
---	---	--	---

Key Products Overview

 PVT200™ SiC Crystal Growth System	 PowderCoat1104™ Silicon Deposition on Carbon Nanoparticles	 CVI/CVD Systems for Aerospace, Industrial CMC Material Deposition
--	---	--

CVD Equipment's Transformation

1.0 Creation and Validation

Founded to Focus on Designing and Manufacturing Custom Process Equipment Solutions

- 40+ years of developing deep relationships with blue-chip industry leaders, innovative start-ups and leading research institutes
- Demonstrated wealth of IP and know-how in semiconductor market
- Decades of experience in compound semiconductor applications including development of SiC Physical Vapor Transport (PVT) systems



1982

2020

2.0 Transformation

Strategically Repositioning to Serve High-Growth Markets

- Reoriented strategy for growth and return to profitability with change in executive management
- Transitioned focus from Design Make-to-Order, to Make-to-Order, with objectives of increased revenue, improved gross margin and ROI
- Increased R&D investment on high-quality, reliable tools that serve rapidly growing markets
- Renewed emphasis on customer engagement with expansion of Sales & Marketing initiatives

2021

2024

3.0 Industry Leader

Established Leader with Growing Market Share

- Robust customer engagement to deliver best-in-class tools to dominant industry players
- Continue to expand foothold with several industry leaders by replacing existing incumbents and adding to capacity
- Continued investment in R&D growing the portfolio offered within the markets



2025

2030+

Corporate & Equipment Product Lines



CVD Equipment Corporation Corporate Headquarters and Parent Company Equipment Operations
Two Primary Operating Facilities
128,000 ft² Facility
Central Islip, New York 11722



Production CVD and Thermal Process Equipment
Central Islip, New York



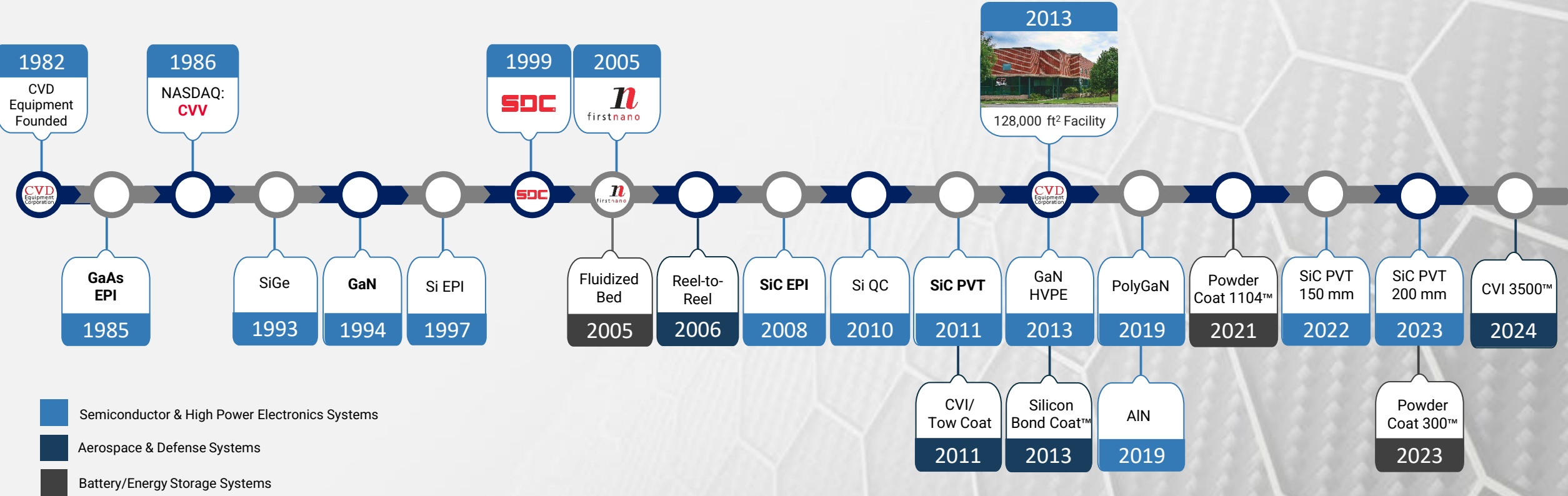
R&D and Pilot CVD Process Equipment
Central Islip, New York



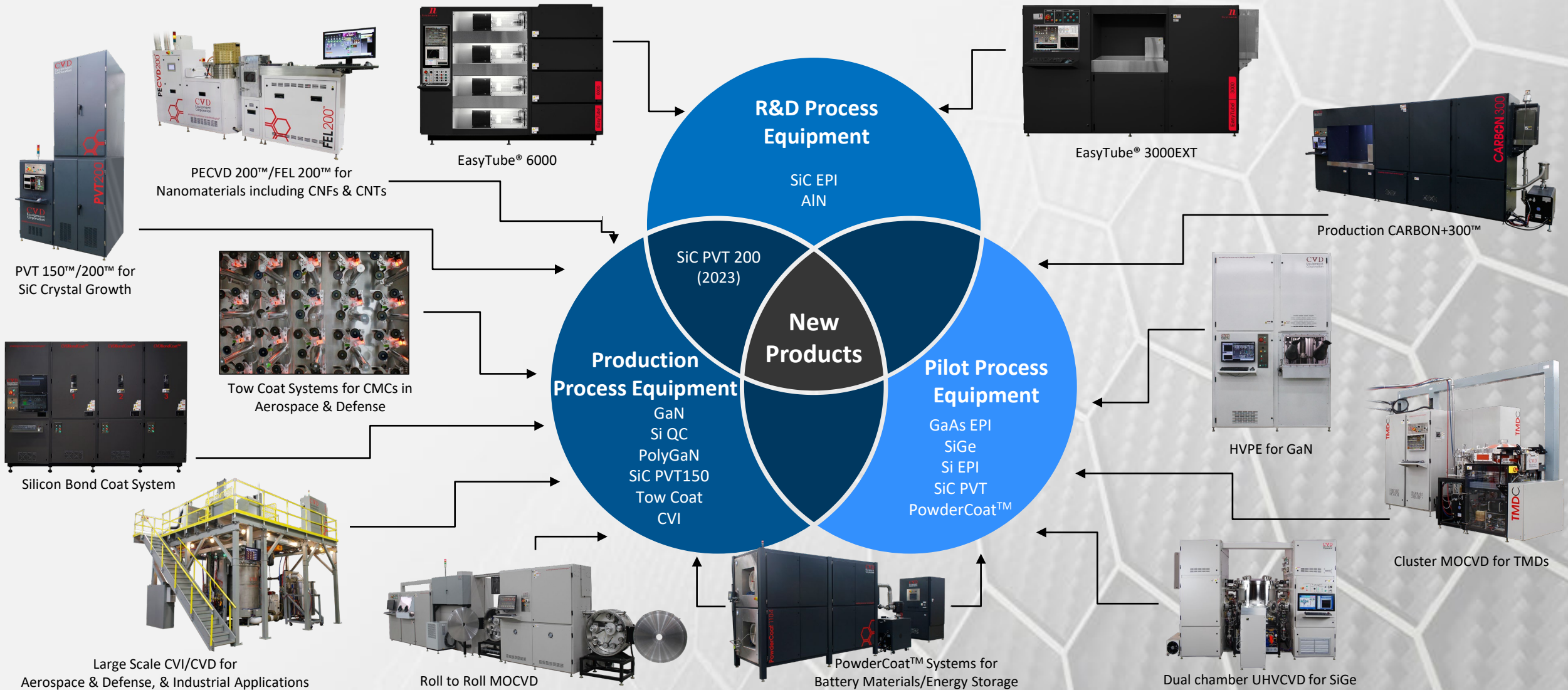
Ultra High Purity (UHP) Gas & Chemical Delivery Systems
SDC® 24,000 ft² Facility,
Saugerties, NY



Over 40 Years of Enabling Technology

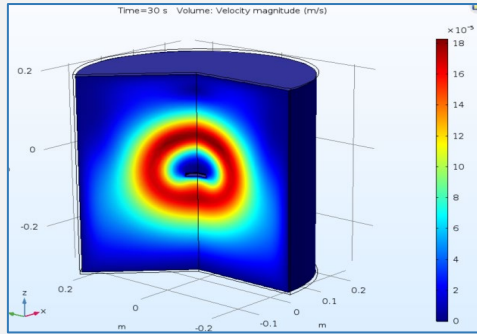


40 Years of State-of-the-Art Equipment

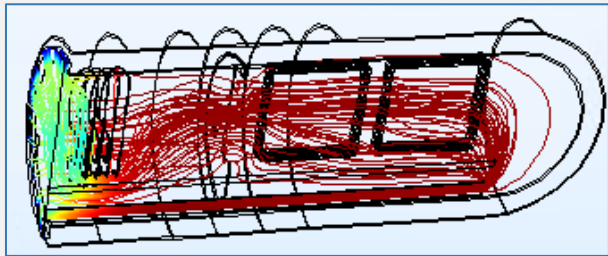
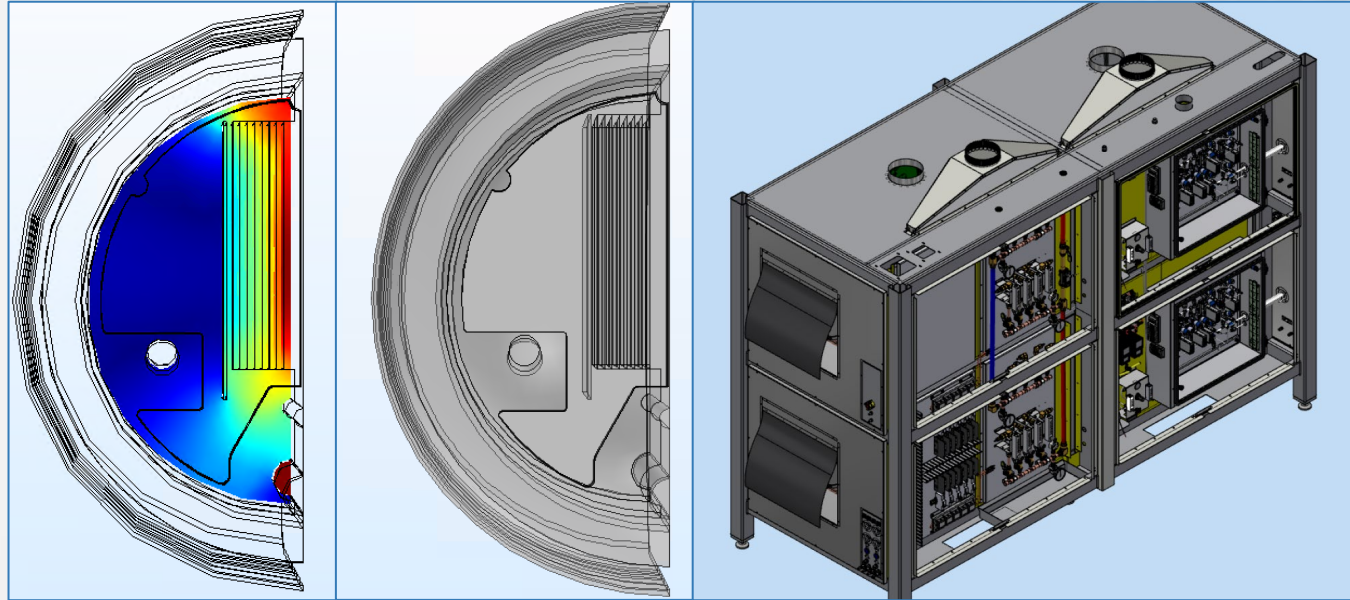


Advanced Modeling and Product Development Capabilities

Computational thermal and gas modeling enables simulation, aiding system development and optimization of complex materials processing equipment



Temperature Modeling



Gas Velocity Optimization

Computational Modeling

Comprehensive Component and System Design

Vertically-Integrated Manufacturing

- Leveraging over 40 years of CVD tool design know-how
- Reducing time-to-market



CVD
Equipment
Corporation

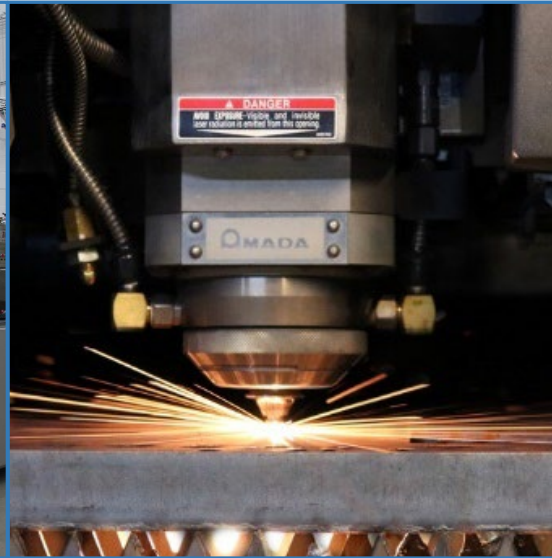
Vertically Integrated Manufacturing - Built in the USA



Applications Lab

New materials, coatings and processing techniques through CVD's Application Laboratory

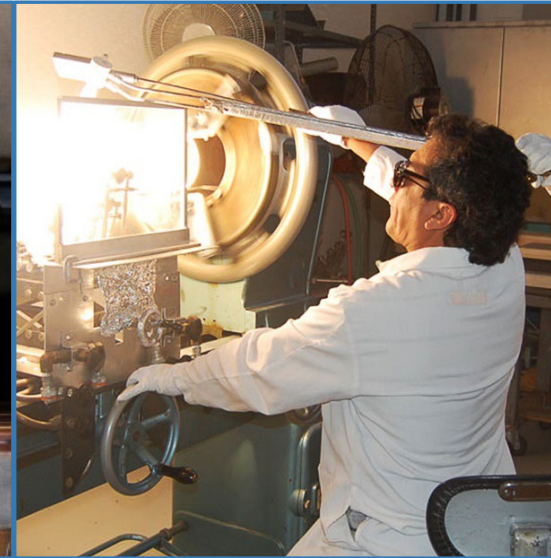
Innovative carbon (CNT, graphene) products for energy storage, and sensing devices



Manufacturing

CVD has expanded its internal manufacturing capabilities in 2022 with new machining centers

Vertically-integrated, >95,000 ft² of total manufacturing space



Quartzware

Our quartzware manufacturing facility can produce prototype designs with rapid turnaround

Substrate paddles, wafer boats, process gas injectors, process tubes, quartz bubblers, bell jars, etc.



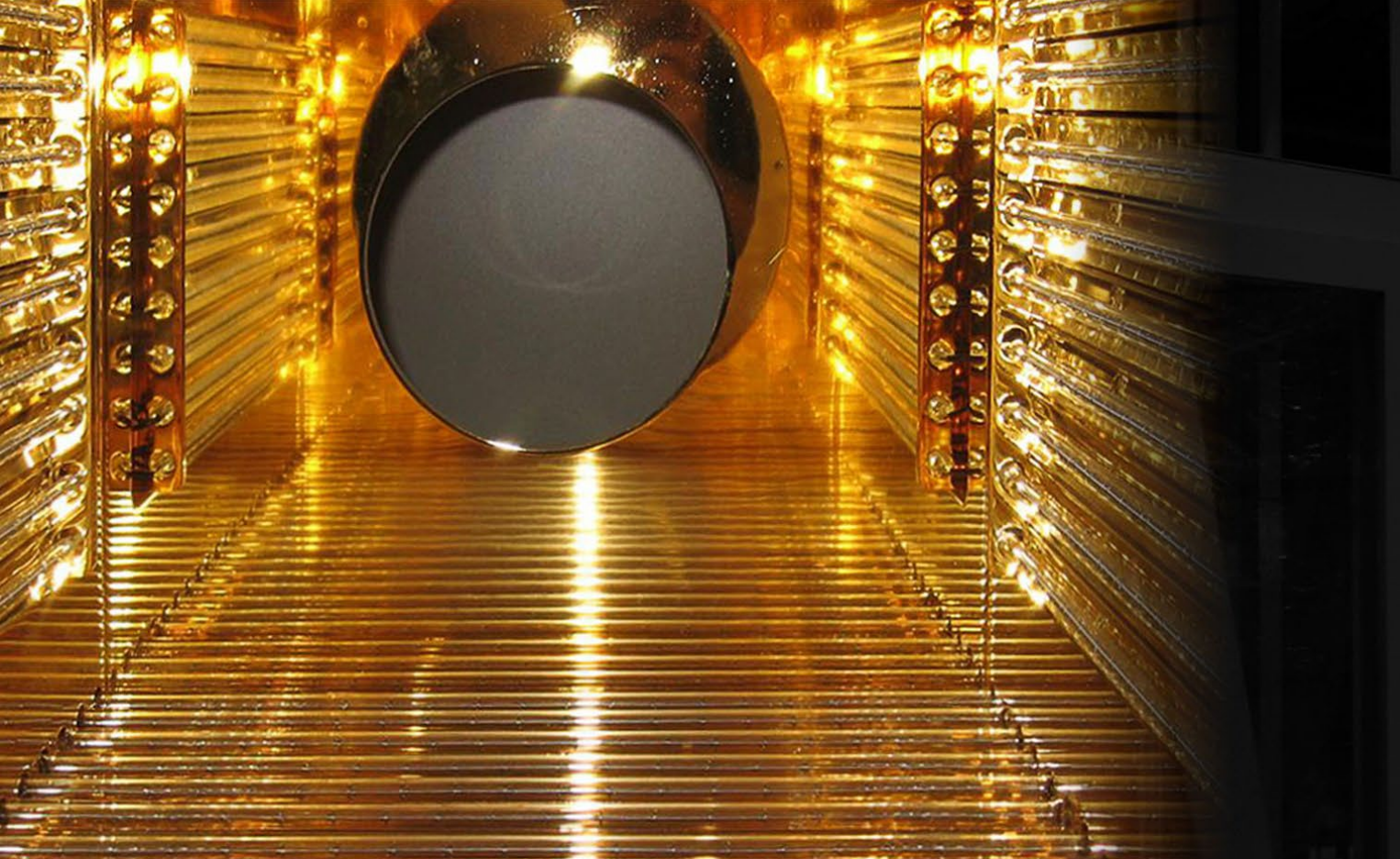
SDC[®] Gas Storage & Chemical Delivery Systems

Manufacturer of ultra-high purity gas and chemical delivery systems for the semiconductor industry as well as in microelectronics, nanomaterial production and aerospace markets



Vertical integration gives CVD a competitive advantage, reducing customer cost of ownership, ensuring certainty of lead times, and maintaining quality.





Infrared Heating Technology



Resistive Heating Technology

Market Overview

Growth, Strategic & Emerging Markets

The global need to deploy greener and more environmentally sustainable solutions continues to expand

- Replacing fossil fuels with Renewables (wind, power, solar), Electric Vehicles (EVs)
- Reducing Emissions, CO₂ and other Green House Gases

“Electrification of Everything” and Energy Efficient, Next Generation Materials



High Power Electronics

EVs driving the demand for **silicon carbide wafers** required for devices used for power distribution and charging. Higher power density and efficiency than silicon-based devices increases EV range and enables faster charging times.



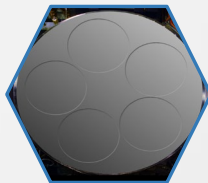
EV Battery Materials

EVs driving the demand for **advanced battery materials**. Coating graphite anode powder with silicon increases energy density, enabling expanded driving range and faster charging times



Aerospace & Defense

Demand for **ceramic matrix composite materials (CMCs)** for applications requiring high temperature and enable greater fuel efficiency in aerospace gas turbine engines



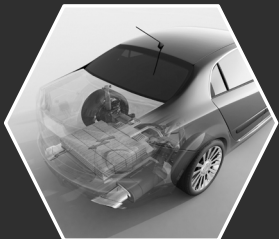
Industrial Coating Equipment

NEW Emerging Market: Demand for production **CVD Systems to coat graphite components with SiC** to support semiconductor market

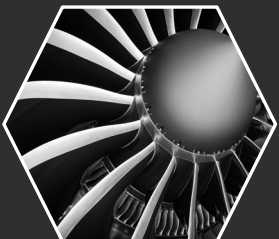
Key Markets



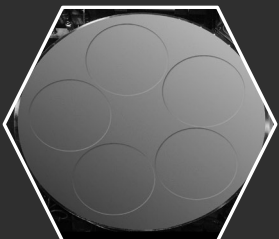
High Power Electronics



EV Battery Materials/Energy Storage



Aerospace & Defense



Industrial Coating Equipment

High Power Electronics Market Drivers

Electric vehicles (EVs) driving the demand for **Silicon Carbide Wafers** for High Power Electronics Applications

- SiC has a bandgap that is 3X that of silicon, a thermal conductivity that is also 3X higher and a breakdown field that is 10X greater^[1]
- Device manufacturers are now pursuing a 200 mm path to SiC wafer manufacturing in addition to 150 mm
- Demand for Silicon Carbide Wafers to reach 7 million units annually by 2030^[2]



- Silicon Carbide (SiC) power electronics provides higher power density and higher efficiency than silicon-based technologies, enabling faster charging times and expanded EV range
- Global SiC device market growing at 27% CAGR from \$4.2B in 2023 and projected to be \$22B in 2030^[2]

CVDE's Equipment Solutions

1. Physical Vapor Transport for SiC 150 mm & 200 mm Crystal Boule Growth
2. PVT150/200 Dynamic Hotzone Temperature Control for Yield Enhancement (2024)

Established Players in the High Power Electronics and SiC Wafer Market

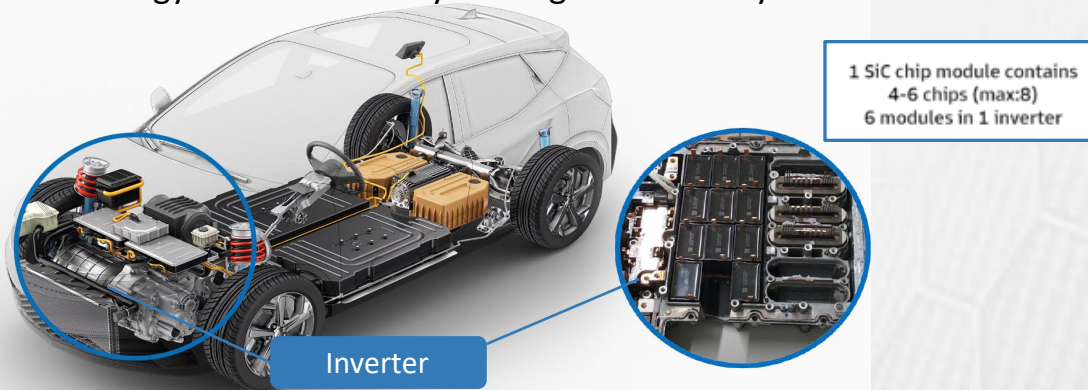


Adoption of SiC Devices in EVs

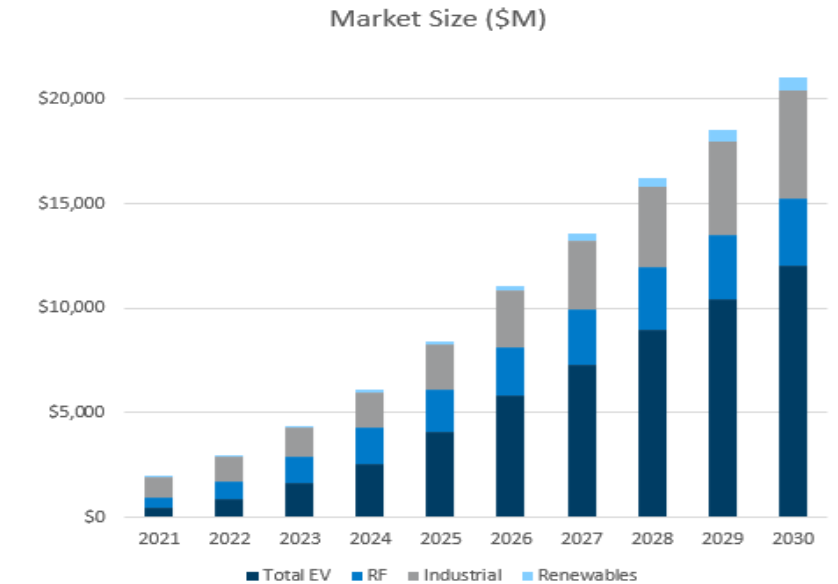
Market Driver:

EVs play a key role, as the first mass-volume application to adopt SiC Traction Inverters

- Silicon MOSFETS and IGBTs are being replaced with smaller SiC devices that allow faster switching and can operate at higher temperatures and operating voltages^[1]
- Inverters play a critical role in EV performance and driving range with power-efficient components that can extract more energy from the battery at a higher efficiency^[1]



Power SiC device market Forecast by segment



William Blair Equity Research 2023^[4]

- By 2028, EV inverter applications are expected to represent >75% of SiC device market^[2]
- Annual global sales of EVs could reach approximately 45 million by 2030^[3]
- SiC Power Electronics in EVs accelerating the demand for SiC material

Global SiC device market for 2023 at \$4.2 billion, reaching \$22 billion by 2030 w/ CAGR of 27%^[4]

Electric Vehicle(EV) is the largest market segment

Increased demand for SiC devices and wafers will drive the need for Physical Vapor Transport (PVT) Systems

[1] <https://www.eetimes.com/why-sic-mosfets-are-replacing-si-igbts-in-ev-inverters/>

[2] SiC & GaN Update The Beat Goes On, Jeff Perkins, Yole Intelligence - PowerAmerica August, 2023

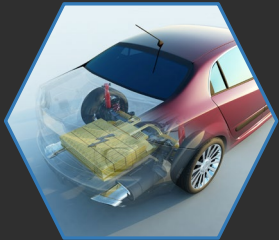
[3] Global EV Outlook 2023 – Analysis – IEA; Global EV Outlook 2023: Catching up with climate ambitions (windows.net)

[4] SiC and Shovel Approach Silicon Carbide Supply/Demand Update William Blair Equity Research 2023

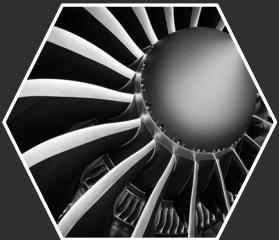
Key Markets



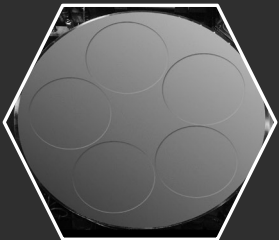
High Power Electronics



EV Battery Materials/Energy Storage



Aerospace & Defense



Industrial Coating Equipment

EV Battery Materials, Energy Storage Market Drivers

Demand for improved Charging and Power Distribution and Higher Performance Battery Materials for longer driving range at reduced cost

- Next-generation silicon anode battery material development is transforming from R&D to production
- Battery material manufacturers are developing carbon/silicon anodes either by mixing silicon or depositing silicon onto graphite powders to enhance the electrical performance of battery anodes^[1]
- Silicon has the capacity to store up to 10X more energy than conventional graphite alone^[1]



- Global EV battery projected market in 2023: \$64B ^[2]
- Battery market projected to be \$276B in 2030 with a CAGR of 23% ^[2]

CVDE's Equipment Solutions

1. Deposition/Infiltration of coatings onto powders (silicon, carbon, metals, oxides, etc.)
2. Equipment Solutions for R&D and High-Volume Manufacturing
3. Equipment for R&D and Production for growing CNTs onto substrates (foils, wafers etc.)

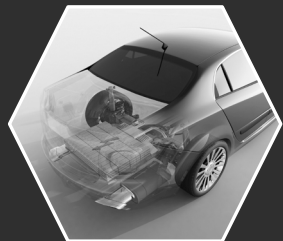
^[1] <https://www.sciencedirect.com/science/article/pii/S2352492824006342>

^[2] <https://www.precedenceresearch.com/electric-vehicle-battery-market>

Key Markets



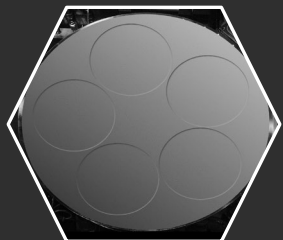
High Power Electronics



EV Battery Materials/Energy Storage



Aerospace & Defense



Industrial Coating Equipment

Aerospace & Defense Market Drivers

Demand for **Ceramic Matrix Composite Materials (CMCs)** in gas turbine engines to reduce weight and enable greater fuel efficiency

- Gas turbine engine OEMs are adopting CMC components within new engine platforms
- Published reports from established engine manufactures including CFM International (LEAP engine), GE Aerospace (GE9X), Rolls Royce (UltraFan), P&W, Safran, etc.^[1-5]
- CMC components reduce fuel consumption up to 2% as they are lighter weight and require less cooling compared to conventional nickel-based components^[1]

CVDE's Equipment Solutions

1. Deposition/Infiltration of coatings onto CMC components
2. Deposition of Coatings onto SiC fibers to control fiber-matrix bonding and load transfer

[1] https://ceramics.org/wp-content/uploads/2019/03/April-2019_Feature.pdf

[2] <https://www.rolls-royce.com/media/our-stories/discover/2019/pioneering-cmcs.aspx>

[3] <https://newsroom.prattwhitney.com/2021-07-13-Pratt-Whitney-Opens-New-Facility-Dedicated-to-Ceramic-Matrix-Composites>

[4] Ceramic matrix composites take flight in LEAP jet engine | ORNL

[5] https://www.dlr.de/wf/en/PortalData/23/Resources/dokumente/wf-kolloquium/Ceramic_Matrix_Composite_behavior_enhancement_urbines_Hot_Sections.pdf

[6] <https://www.marketsandmarkets.com/Market-Reports/ceramic-matrix-composites-market-60146548.html>



- Global CMC market was valued at \$12B in 2024 and estimated to grow to \$23.8B by 2031 at a CAGR of 10.3%^[6]

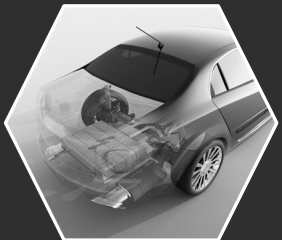
Established Players in the CMC Market



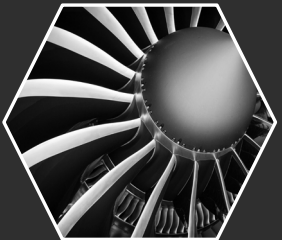
Key Markets



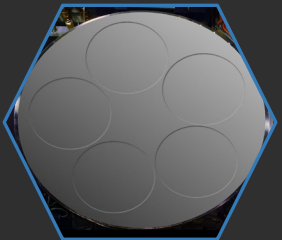
High Power Electronics



EV Battery Materials/Energy Storage



Aerospace & Defense



Industrial Coating Equipment

Industrial SiC Coating Equipment Market Drivers

The semiconductor industry is driving the demand for **Silicon Carbide (SiC) Coatings** onto graphite and carbon reinforced carbon components (e.g. wafer carriers and susceptors for PECVD, Si Epitaxy and MOCVD units)

- SiC Coatings provide oxidation protection, high abrasion resistance, corrosion resistance, erosion resistance and wear resistance^[1]
- Applications where high mechanical, chemical, and thermal properties are needed
- Coating extends the service life of graphite components and achieves the high-purity surface structures required in processing semiconductor materials^[1,2]

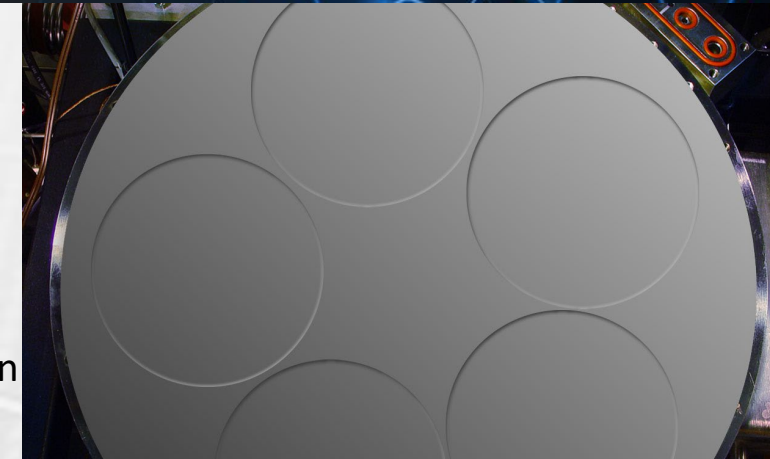
CVDE's Equipment Solutions

Chemical Vapor Deposition System for Silicon Carbide Coatings

[1] <https://www.businessresearchinsights.com/market-reports/silicon-carbide-coating-market-104578>

[2] <https://www.futuremarketinsights.com/reports/silicon-carbide-coating-market>

[3] <https://www.sglcarbon.com/en/markets-solutions/markets/semiconductor/#>



- Silicon Carbide coatings protect graphite products from oxidation & degradation under aggressive processing conditions^[3]
- Global SiC Coating Market is growing at 21.5% CAGR from \$343.1M in 2022 and projected to reach \$1.9B in 2031^[1]

Established Players in the
Carbon/SiC Coating Market





Inductive Heating Technology



Tow Transport Technology

Products and Technologies

High Growth CVD SiC Wafer Production for High Power Electronics

End-User Applications



EV Charging

EV Motor Power Conversion

Power Grid Transmission

Product Solutions



PVT 150 mm SiC Crystal Growth System (2022)

PVT 200 mm SiC Crystal Growth System (2023/2024)

Dynamic Hotzone Temperature Control for Yield Enhancement (2024)

Key CVD Strengths



Temperature, Pressure and Overall Process Control

Process Uniformity and Repeatability

Safety and Control System

Focus on Customer Cost of Ownership

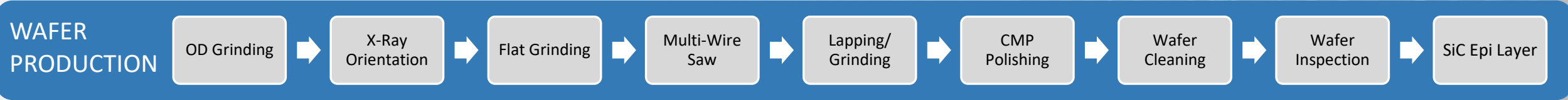
State-of-the-Art Equipment Addressing SiC Wafer Market



2022: Launched PVT150™ Crystal Growth System
2023/2024: Launch of PVT200™ Crystal Growth System



PVT150™ SiC Crystal Growth System launched in 2022, **PVT200™** launch in 2023/2024



CVD Positioned To Take Advantage of Key Industry Trends over next 1-2 years^[1] with expanding internal capacity

- Shift from 150 mm to 200 mm SiC manufacturing to reduce device costs
- Improve SiC quality and uniformity to increase yield and reduce costs

Present Capacity: 12 Systems/Month, Potential Capacity: 25 Systems/Month (potential annual capacity up to 300 systems)



^[1] Goldman Sachs, "The Green Technology Cycle SiC" Takayama et. Al., 24 JUNE 2022

PVT200™

Differentiating Features & Options

- Exceptional Process Parameter Controls for Steady State & Ramp Conditions
 - Pressure Control +/- 0.5%
- Standard & Custom Coil Designs
- Custom Quartzware
- Crucible Centering
- Low Pressure Option
- Compatible with Inert & Flammable Gases
- Dynamic Hotzone Temperature Control for Yield Enhancement (2024)
- MES Compatible
- Typical 6 Month Delivery ARO
- Vertically Integrated Manufacturing
 - Reducing Customer Cost of Ownership
 - Ensuring Certainty of Lead Times



SiC Crystal
Growth
200 mm Boules



Temperature
Control +/- 0.5 °C
up to 2500 °C



Run-to-Run
Repeatability



System-to-System
Matching



Compact
Footprint



Dynamic Hotzone
Temperature
Control

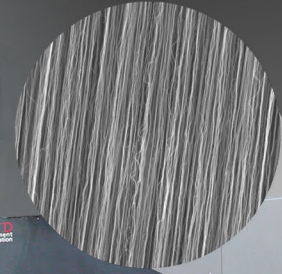


PVT200™
Physical Vapor Transport System

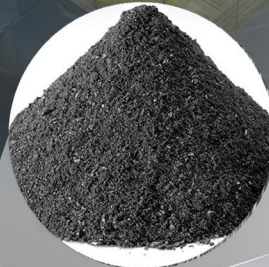
Battery Applications

Address enhancing the graphite anode presently used in lithium-ion batteries through two approaches:

- 1. CNT Processing on Foils
- 2. Silicon on Powder



Carbon Nanotubes (CNTs) on Foil



Silicon on Powder



PowderCoat 300™
Chemical Vapor Deposition System



PowderCoat 1104™
Chemical Vapor Deposition System

CARBON+300™

Benefits & Differentiating Features

- Production of CNTs on Foil & Rigid Substrates
- 350 mm Diameter Quartz Tube
- Custom Quartzware for easy loading/unloading
- Integrated Burn Box for Gas Abatement
- Flammable & Toxic Gas Sensors
- Powered by our CVDWinPrC™ Process Control Software
- Safety Controls



High Capacity
Throughput
(substrate area
1.3 m²)



Precise
Temperature
Control



Rolling
Furnace/ hot
load/unload



6-Zone
Resistance
Heating to
900 °C



Rapid
Cool-Down



Carbon+ 300™
Chemical Vapor Deposition System

PowderCoat 300™

Benefits & Differentiating Features

- Powder Coating for Deposition of Nanomaterials & Thin Films
- Customizable Process Tumbler
- Tumbler Volume up to 1.2 L
- Robust System with Enhanced Process Controls
 - Pressure Control +/- 1%
- Powder Particle Size Distribution: Sub-microns to Hundreds of Microns
- Coating Thickness: A few Nanometers to Tens of Microns
- Glove Box for Unloading Sample Under Inert Conditions



Powder Infiltration & Coating for R&D



Temperature Control +/- 5 °C up to 700 °C



Rotating Tumbler for Uniform Mixing (Speed up to 50 RPM)



3 Zone Resistance Furnace



Rapid Cool-Down



PowderCoat 300™
Chemical Vapor Deposition System

PowderCoat 1104™

Benefits & Differentiating Features

- Uniform Coating and Deposition of Nanomaterials & Thin Films
- Multi-Reactor Chambers for Parallel or Sequential Processing
- Inconel Chamber: Volume 250L
- Robust Production System with Enhanced Process Controls
 - Pressure Control +/- 1%
- Low Pressure CVD
- Powder Particle Size: Sub-micron to Hundreds of Microns
- Coating Thickness: A few Nanometers to Tens of Microns
- MES Compatible
- EGC 1510 HSF Gas Abatement System



High Volume Powder Infiltration & Coating



Temperature Control +/- 1 °C up to 700 °C



Rotating Tumbler for Uniform Mixing



5 Zone Resistance Furnace



Rapid Cool-Down



PowderCoat 1104™
Chemical Vapor Deposition System

1. Systems to Coat CMC Engine Components



Silicon BondCoat™

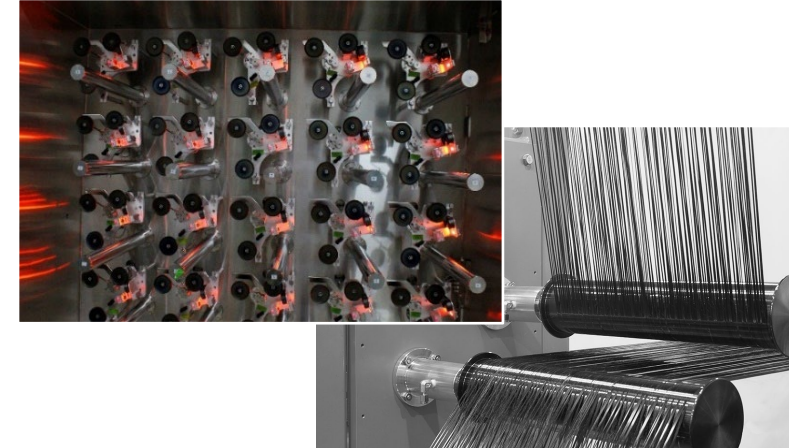


2. Systems to Coat Components



CVI 3500™

3. Systems to Coat SiC Fiber used to Manufacture CMC Preforms



Production Bond Coat System

- Manufacture of Low Pressure CVD Tools to Coat CMC Engine Components with Silicon
- RF Induction and Graphite Resistive Heating Options
- Process Temperatures >1600 °C (2200 °C Capable)
- Multi-chamber deposition systems for increased throughput

Production CVI/CVD Furnace

- Low pressure CVD tools to coat gas turbine engine components with silicon, silicon nitride, boron nitride, silicon carbide, carbon, etc.
- Graphite resistive heating up to 500 kW power
- Process temperatures up to 1600 °C
- Precise Temperature Control ± 6 °C

Production Fiber Tow Coating System

- Fiber Tow Coat Systems: 1-tow, 10-tow, and 72 tow configurations
- In-line deposition of coatings onto SiC fiber
- Patented fiber handling transport systems with precise speed, tension control, and fuzz detection

CVDBondCoat™

Benefits & Differentiating Features

- For applying Si layer to 3D surfaces
- Up to Three Chamber Processing
- Multiple gas injectors with independent flow control for thickness uniformity
- Capable of direct liquid injection, bubbler source injection, and vapor/gas delivery
- Vertical Process Tubes
- Optional Gas Delivery Cabinets
- Optional Liquid Abatement System
- Designed for ease of maintenance



Up to Three Chamber Processing



RF Induction Heating - Process Temperature up to 2200° C



Substrate Rotation for Improved Deposition Uniformity



Low Pressure Processing from 50 to 500 Torr



CVDBondCoat™

CVD Chemical Vapor Infiltration for Aerospace & Defense

Equipment Corporation

CVI 3500™

Benefits & Differentiating Features

- Five zone furnace with independent zone temperature control
- Temperature uniformity at $\pm 6^\circ\text{C}$ per AMS2750F compliance
- Graphite retort & heating elements
- Heating ramp rate $>10^\circ\text{C}$ per min
- Furnace cooldown in less than 12 hrs
- Stainless steel double wall, water cooled vacuum chamber
- Coaxial gas injection
- Preheat & mixing zone
- Internal pyrolizer
- Heated exhaust line
- Cold trap for ammonium chloride byproduct
- Gantry crane to assist in reactor component and part loading



Process Chamber Up to 66" ID & 80" tall



Thermal Processing up to 1600°C



High Power Up to 500 kW Input Power



Low Pressure Control 7 to 10 Torr



5 Zone Resistance Furnace



CVI 3500™
Chemical Vapor Infiltration (CVI) System



Fiber Handling System

Benefits & Differentiating Features

- Intelligent Spool/De-Spool System
- Variable Fiber Tow Tension Control
- Vacuum rated chambers for spooling and de-spooling
- Equipped with CVD Equipment's proprietary magnetically coupled drive system
- Differential pressure transducers for pressure monitoring
- Equipped with mass flow-controlled gas purge
- Door Interlocks and Alarms
- PC with CVDWinPrC™



Variable
Fiber Tow
Speed Range



Fiber Tow
Bi-directional
Transport



Thermal
Processing
up to 1600 °C



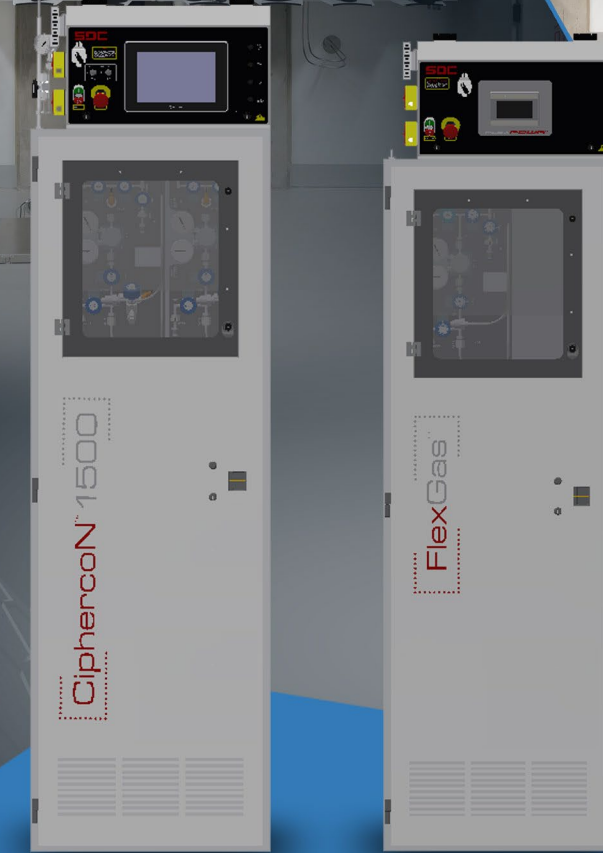
Patent Pending
Fuzz Detection



Fiber Handling System

SDC[®] Division of CVD Equipment Corporation

- Manufacturer of Ultra-High Purity (UHP) gas and chemical delivery systems for the semiconductor industry as well as high power electronics, microelectronics, nanomaterial production, and aerospace markets
- Globally recognized supplier, sustaining a leading market position
- Providing critical gas and chemical management systems to industry, R&D facilities, and academia for over four decades
- Supporting our customers with onsite and remote service, preventative maintenance contracts, spares and consumables



CIPHERCON™ 1500
Fully-Automated
Gas Cabinet

FlexGas™
Semi-Automated
Gas Cabinet

Exhaust Gas Conditioning Solutions

CVD Equipment manufactures exhaust gas conditioning systems for safe treatment of process effluent gases

- Liquid abatement and pyrolyzing scrubbers are available
- Automated handling of flammable, hazardous, corrosive and pyrophoric gases
- CVDE's EGC™ systems removes particles from the exhaust stream and reacts exhaust biproducts with water and oxygen
- Optional pH monitoring system can neutralize the scrubbing solution for liquid abatement systems and pyrolyzing scrubbers, chemistry dependent



EGC1510-HSF™ High Silane Flow
Pyrolyzing Wet Scrubber



EGC610™ Pyrolyzing
Wet Scrubber

Liquid
Abatement
Systems

High Touch Customer Service



Site Survey



Installation Coordination
and Field Acceptance
NRTL/UL/CE Certifications
Available



Initial Start-Up Support
On-Site Training



Continuous
Improvement
Programs



Warranty Response
& Remote Technical
Support



Customized Site Support
Contracts

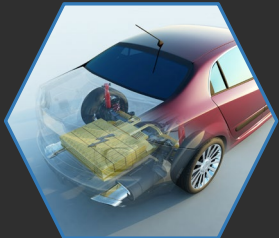
- Spares and Consumables
- Preventative Maintenance
- Site Personnel Contracts



Key Markets



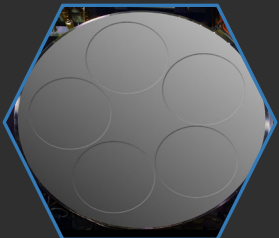
High Power Electronics



EV Battery Materials/Energy Storage



Aerospace & Defense



Industrial Coating Equipment

Our Future is Electric, the Future is



High Quality Components & Systems Built in the USA
Manufacture Complete Turn-Key Systems



Vertically Integrated Manufacturing
CVDE's competitive advantage, enables reducing cost, reducing lead times and improving quality



Manufacturing High Volume Capital Process & Peripheral Equipment

Uniquely positioned to address the high-growth SiC Power Electronics market and the key growth markets we serve



CVD Equipment Corporation

40+ Years Providing Process Solutions

Deep global manufacturing expertise and reliable, precise leading technology process equipment to electronics, aerospace and industrial markets



Global Install Base

Over 1000 systems in the field, for the electronics, aerospace and battery materials markets



High Touch Customer Service

Proven track record of customer engagement and satisfaction through on-time delivery and high touch customer support
Service customers with demanding material performance requirements



Thank You!



PowderCoat 1104™
Chemical Vapor Deposition System



PVT200™
Physical Vapor
Transport System



CVI 3500™
Chemical Vapor Infiltration (CVI) System