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This Presentation may contain certain statements or information that constitute “forward-looking statements” (as such term is defined in Section 27A of the Securities Act of 1933, as amended, and Section 21E of the Securities Exchange Act of 1934, as amended, and the Private Securities Litigation Reform Act of 1995). In some, but not all, cases, forward-looking statements can be identified by terminology such as “may,” “plan,” “anticipate,” “seek,” “will,” “expect,” “intend,” “estimate,” “anticipate,” “believe,” “continue,” “predict,” “potential,” “project,” “should,” “would,” “could,” “likely,” “future,” “target,” “forecast,” “goal,” “observe,” and “strategy” or the negative of these terms or other comparable terminology. Examples of forward-looking statements include statements regarding Amtech System, Inc.’s (“Amtech” or the “Company”) future financial results, operating results, business strategies, projected costs, products under development, competitive positions, plans and objectives of Amtech and its management for future operations, efforts to improve operational efficiencies and effectiveness and profitably grow our revenue, and enhancements to our technologies and expansion of our product portfolio. Such forward-looking statements and information are provided by the Company based on current expectations of the Company and reflect various assumptions of management concerning the future performance of the Company, and are subject to significant business, economic and competitive risks, uncertainties and contingencies, many of which are beyond the control of the Company. Accordingly, there can be no guarantee that such forward-looking statements or information will be realized. Actual results may differ materially from historical results and expectations based on forward-looking statements made in this document or elsewhere by Amtech or on its behalf. No representations or warranties are made as to the accuracy or reasonableness of any expectations or assumptions or the forward-looking statements or information based thereon. Only those representations and warranties that are made in a definitive written agreement related to a transaction, when and if executed, and subject to any limitations and restrictions as may be specified in such definitive agreement, shall have any effect, legal or otherwise. Each recipient of forward-looking statements should make an independent assessment of the merits of and should consult its own professional advisors. Except as required by law, we undertake no obligation to publicly update forward-looking statements, whether as a result of new information, future events, or otherwise.
AMTECH DEVELOPS AND SUPPLIES ESSENTIAL EQUIPMENT AND CONSUMABLES TO THE POWER SEMICONDUCTOR INDUSTRY
Amtech At-A-Glance

$1.0B+
TOTAL ADDRESSABLE MARKET

$65M
REVENUE (FY 2020)

$40M
NET CASH (SEPT. 2020)

6%
REVENUE CAGR (FY 2015-2020)

(1%)
GAAP OPERATING MARGIN (FY 2020)
AMTECH IS FOCUSED ON HIGH-GROWTH SECTORS OF THE SEMICONDUCTOR MARKET

- **SEMICONDUCTOR**
  - $500 Billion Global Device Market
  - 5% CAGR

- **POWER SEMICONDUCTOR**
  - $15 Billion Global Device Market
  - 13% CAGR

- **SILICON CARBIDE**
  - $1.3 Billion Global Device Market
  - 26% CAGR

Source: Yole, Market Research Future and Fortune Insight
Power Semiconductor Growth Drivers

POWER SEMICONDUCTORS ARE EMBEDDED IN VIRTUALLY EVERYTHING AROUND US

MOBILE/CONSUMER  COMPUTING  INDUSTRIAL  AUTOMOTIVE  TELECOM  MEDICAL
Silicon Carbide Growth Drivers

SILICON CARBIDE IS HIGHLY LEVERED TO TWO DISRUPTIVE MARKETS

SiC FORECAST

Source: Yole
DIVERSIFIED PRODUCT PORTFOLIO ADDRESSES SEVERAL FUNDAMENTAL PROCESS STEPS IN CHIP MANUFACTURING

Application
- Lapping & Polishing
- Diffusion Furnace
- Thermal Processing

Market Focus
- **Silicon Carbide**, **Silicon & Sapphire Substrates**
- **Power Semiconductors**, **Sensors & Analog Devices**
- **Power Semiconductor Packaging**, **Chip Packaging & SMT**

Revenue Contribution
- 17%
- 83%
HIGHLY LEVERED TO SILICON CARBIDE MARKET

Premier Brand
Serving Industry Since 1938

Market Leading
In Lapping & Polishing Consumables & Machines for SiC/GaN, Si & LED

Strong Growth Potential
Next-Generation Products Closely Aligned with SiC Growth Opportunities

Dominant Customer Base
Top 2 Customers Account for ~60% of SiC Substrate Market Share

POLISHING TEMPLATES

CARRIERS

MACHINES
Diffusion Furnace Products

HIGH PERFORMANCE PRODUCTS FOR POWER CHIP FABRICATION

Premier Brand
Serving Industry Since 1968

Leadership Position
In Emerging 300mm HTR Diffusion Furnace for Power Semiconductors

Robust Growth Outlook
Broad Need for High Power Applications and Growth in xEV and Auto Electronics Content

Dominant Customer Base
Serving Top Players in the Market Including the #1 Power Semiconductor Producer

200mm CLUSTERED HTR DIFFUSION FURNACE SYSTEM

HTR DIFFUSION FURNACE
CHIP PACKAGING & SMT REPRESENT A CORE OPPORTUNITY

Premier Brand
Serving Multiple Industries Including: Communications, Computing, Consumer, Industrial and Automotive

Revenue Foundation
Products Represent a Major Contributor to Overall Corporate Revenue

Industry Level Growth
Growth Rates Track Semiconductor Industry Growth Cycles

Investment Opportunities
New Product Development Including Aquascrub™, Wincon and the Next Generation Pyramax Platform

CHIP PACKAGING
SMT FOR ELECTRONICS
CUSTOM ENGINEERED FURNACES
Why We Win

RELENTLESS CUSTOMER SERVICE IS AT THE CORE OF EVERYTHING WE DO

TRUSTED SUPPLIER

Decades of Industry Leadership and Customer Commitment

HIGH QUALITY SOLUTIONS

Focus on Markets that Prioritize Quality Over Price

LEADING EDGE INNOVATION

Collaborate with Industry Leaders to Align with Next-Generation Product Roadmaps
Strong Performance Track Record (1)

RESILIENT OPERATING MARGIN PROFILE IN RECENT YEARS DESPITE INDUSTRY CYCLICALITY

(1) Historical results exclude divested assets and unallocated corporate overhead costs.
Strong Balance Sheet (as of September 30, 2020)

AMPLE LIQUIDITY TO INVEST IN PROFITABLE GROWTH OPPORTUNITIES

$45M CASH & CASH EQUIVALENTS

$102M TOTAL ASSETS

$5M TOTAL DEBT

$82M SHAREHOLDERS EQUITY

14.2M WEIGHTED AVERAGE DILUTED SHARES OUTSTANDING
Profitable Growth Plan

FOCUSED ON INVESTMENTS WHICH INCREASE DEMAND AND CASH FLOW IN FY 2021 AND BEYOND

PRODUCTS
Invest in the development of next generation products across the entire portfolio

CAPACITY
Increase and upgrade manufacturing capacity ahead of expected increases in demand

SYSTEMS
Upgrade existing IT Systems to improve processes and business insights

ACQUISITIONS
Evaluate strategic inorganic growth opportunities which expand capabilities and increase shareholder value
OPPORTUNITIES ARE EVALUATED BASED ON THEIR ABILITY TO INCREASE SHAREHOLDER VALUE OVER TIME

1. ORGANIC GROWTH
   Invest in existing opportunities to support future growth including product development, manufacturing facilities, people and IT systems

2. INORGANIC GROWTH
   Explore accretive opportunities which enhance technologies, expand the product portfolio or build capabilities in power semiconductor and SiC

3. RETURN CAPITAL
   Return excess cash to shareholders through opportunistic share buybacks
Investment Highlights

- PREMIER BRAND WITH MARKET LEADING PRODUCTS
- LEVERED TO HIGH GROWTH POWER SEMICONDUCTOR AND SILICON CARBIDE MARKETS
- DIVERSIFIED PRODUCT PORTFOLIO, ADDRESSING SEVERAL STEPS IN THE MANUFACTURING PROCESS
- TRUSTED GLOBAL SUPPLIER WITH DECADES OF EXPERIENCE
- INDUSTRY LEADING CUSTOMERS WITH MINIMAL CONCENTRATION
- STRONG FINANCIAL PROFILE ABLE TO WEATHER EQUIPMENT INDUSTRY CYCLICALITY
- AMPLE LIQUIDITY TO INVEST IN PROFITABLE GROWTH OPPORTUNITIES