About this Presentation

Safe Harbor for Forward-Looking Statements

This presentation contains “forward-looking statements” within the meaning of the Private Securities Litigation Reform Act of 1995, Section 27A of the Securities Act of 1933 and Section 21E of the Securities Exchange Act of 1934 regarding the future financial performance, business prospects and growth of MKS Instruments, Inc. (“MKS”, the “Company”, “our”, or “we”) and the impact of the ransomware event we identified on February 3, 2023. These statements are only predictions based on current assumptions and expectations. Any statements that are not statements of historical fact (including statements containing the words “will,” “projects,” “intends,” “believes,” “plans,” “anticipates,” “expects,” “estimates,” “forecasts,” “continues” and similar expressions) should be considered to be forward-looking statements. Actual events or results may differ materially from those in the forward-looking statements set forth herein.

Among the important factors that could cause actual events to differ materially from those in the forward-looking statements that we make are the need to generate sufficient cash flows to service and repay the substantial indebtedness we incurred in connection with our acquisition of Atotech Limited (“Atotech” and such transaction, the “Atotech Acquisition”), which we completed in August 2022; the terms of our existing credit facilities under which we incurred such debt; our entry into the chemicals technology business through the Atotech Acquisition, in which we do not have experience and which may expose us to significant additional liabilities; the risk that we are unable to integrate the Atotech Acquisition successfully or realize the anticipated synergies, cost savings and other benefits of the Atotech Acquisition; the ongoing assessment of the ransomware event we identified on February 3, 2023, including legal, reputational, financial and contractual risks resulting from the incident, and other risks related to cybersecurity, data privacy and intellectual property; competition from larger, more advanced or more established companies in our markets; the ability to successfully grow our business and the businesses of Atotech and Electro Scientific Industries, Inc., which we acquired in February 2019, and financial risks associated with those and potential future acquisitions, including goodwill and intangible asset impairments; manufacturing and sourcing risks, including those associated with limited and sole source suppliers and the impact and duration of supply chain disruptions, component shortages, and price increases; changes in global demand and the impact of COVID-19 or any other pandemic, including with respect to such supply chain disruptions, component shortages and price increases; risks associated with doing business internationally, including trade compliance, regulatory restrictions on our products, components or markets, particularly the semiconductor market, and unfavorable currency exchange and tax rate fluctuations, which risks become more significant as we grow our business internationally and in China specifically; conditions affecting the markets in which we operate, including fluctuations in capital spending in the semiconductor, electronics manufacturing and automotive industries, and fluctuations in sales to our major customers or disruptions or delays from third-party service providers upon which our operations may rely; the ability to anticipate and meet customer demand; the challenges, risks and costs involved with integrating or transitioning local and international operations of the companies we have acquired; risks associated with the attraction and retention of key personnel; potential fluctuations in quarterly results; dependence on new product development; rapid technological and market change; acquisition strategy; volatility of stock price; risks associated with chemical manufacturing and environmental regulation compliance; risks related to defective products; financial and legal risk management; and the other important factors described in MKS’ Annual Report on Form 10-K for the year ended December 31, 2022 and any subsequent Quarterly Reports on Form 10-Q, as filed with the U.S. Securities and Exchange Commission. MKS is under no obligation to, and expressly disclaims any obligation to, update or alter these forward-looking statements, whether as a result of new information, future events or otherwise after the date of this presentation, even if subsequent events cause our views to change.
About this Presentation

Use of Non-GAAP Financial Measures
This presentation includes financial measures that are not in accordance with U.S. generally accepted accounting principles ("Non-GAAP financial measures"). These Non-GAAP financial measures should be viewed in addition to, and not as a substitute for, MKS' reported results under U.S. generally accepted accounting principles ("GAAP"), and may be different from Non-GAAP financial measures used by other companies. In addition, these Non-GAAP financial measures are not based on any comprehensive set of accounting rules or principles. MKS management believes the presentation of these Non-GAAP financial measures is useful to investors for comparing prior periods and analyzing ongoing business trends and operating results.

Combined Company Financial Information
All references to "combined company" financial measures reflect the combined results of MKS and Atotech, but are not calculated in accordance with Article 11 of Regulation S-X. In addition, except as otherwise indicated, Atotech financial information for periods up until MKS' acquisition of Atotech has been adjusted from International Financial Reporting Standards as issued by the International Accounting Standards Board ("IFRS") to GAAP and includes adjustments to conform to the accounting policies of MKS.
MKS has not identified material differences in Atotech's net revenue under GAAP and Atotech's historical reported net revenue under IFRS. Net revenues by end market for Atotech are based on MKS' understanding of end market uses for Atotech products and services.
For further information regarding Non-GAAP financial measures and the calculation of certain combined company financial information, please refer to the appendix at the end of this presentation. In addition, for a breakout of reported, Atotech and combined company revenues by end market, please refer to the Net Revenues by End Market & Division presentation available under Events & Presentations on the Investor Relations section of MKS' website at investor.mks.com.

Totals presented may not sum due to rounding.
MKS: Technology-Driven Secular Growth Company

**Foundational technology leader**
Specializing in precision solutions for diverse end markets

**Leveraging powerful secular trends**
Miniaturization, complexity and chemistry drive the innovations that power our world

**Attractive growth profile**
Positioned for strong EPS growth and cash generation, with track record of execution
Topics Summary

1. MKS Overview
2. Our Markets & Opportunity
3. Strategy & Business Drivers
4. Financial Profile
MKS Overview
At a Glance

- **2022 Combined Company Revenue**: $4.45B
- **2022 Combined Company R&D Investment**: $295M
- **2022 Combined Company Adjusted EBITDA**: $1.3B
- **2022 Combined Company Adjusted EBITDA Margin**: 28%
- **Leading Positions in Product Categories**: 20
- **Patents Worldwide**: ~4,200
- **Engineers & Scientists**: 2,000+

1. See Slide 3 for additional information regarding the calculation of combined company results. R&D investment consists of R&D expenses of $54 million from Atotech for the pre-acquisition period and $241 million from MKS and from Atotech for the post-acquisition period.
2. Product categories where TechInsights and/or MKS estimate MKS is #1 or #2 in segment share.
MKS is Foundational to Our Connected World...
... and We Are Deeply Engaged with the Digital Ecosystem

PCB Manufacturers

Semiconductor Manufacturers

Laser Equipment OEMs

Semiconductor Capital Equipment OEMs

Consumer Electronics Manufacturers

Industrial End Markets
Our Markets & Opportunity
Levered to Attractive End Markets

Technology leadership and differentiation position MKS for outperformance in $25B SAM

Semiconductor
Critical solutions provider for semiconductor manufacturing
• Increasing demand and manufacturing complexity drive strong customer investment
• Long-term, deep relationships with consolidated customer base

FINANCIAL PROFILE
$ COMBINED COMPANY REVENUE
2022: $2.0B

Electronics & Packaging
Foundational enabler of next-generation electronic devices
• Uniquely positioned with chemistry and photonics expertise
• Long-term, deep customer relationships
• Early innings of market penetration

FINANCIAL PROFILE
$ COMBINED COMPANY REVENUE
2022: $1.1B

Specialty Industrial
Extending MKS expertise across broad end markets
• Leadership positions
• Differentiated technology
• Exposure across diverse set of applications

FINANCIAL PROFILE
$ COMBINED COMPANY REVENUE
2022: $1.3B

1 Internal Company estimate. 2 See Slide 3 for additional information regarding the calculation of combined company results.
MKS: Built to Capitalize on Secular Trends

**Semiconductor**
- Deposition, Etch, Lithography, Inspection / Metrology, Wet Processing
- Smaller Geometries (nm)
- Vertical Scaling
- Novel Materials

**Electronics & Packaging**
- Laser-Based Manufacturing, Next-Gen Interconnect
- Finer Features (µm)
- More Layers
- Novel Materials

**Trends**
- Miniaturization
- Complexity
- Chemistry
Enabling the Core Building Blocks of Advanced Electronic Devices

**Semiconductor**

Critical subsystems for semiconductor manufacturing

- Leader in critical vacuum subsystems for deposition and etch, and emerging provider of photonics for lithography, metrology and inspection

**Electronics & Packaging**

Subsystems, equipment & materials for electronics & packaging

- Differentiated combination of electronics chemistry and laser drilling solutions to accelerate customer roadmaps in advanced PCB design and manufacturing

High Performance Compute Architecture

- SEMICONDUCTOR
- WAFER-LEVEL PACKAGING
- PACKAGE SUBSTRATE
- PRINTED CIRCUIT BOARD (PCB)
Leveraging our Domain Expertise Across End Markets

PROPRIETARY CHEMISTRY
PRESSURE & FLOW MEASUREMENT & CONTROL
PLASMA & REACTIVE GAS
OPTICS & OPTICAL SUBSYSTEMS
LASERS
...and many more

Leadership in Broad Set of Industrial Markets Offers Attractive Margins & Cash Flow
Strategy &
Business Drivers
Our “Surround” Strategy is How We Execute

SEMICONDUCTOR
Surround the Wafer®

- Pressure & Flow Measurement & Control
- Gas Analysis
- Optics & Optical Subsystems
- Lithography
- Deposition
- Etch
- Wafer Processing & Inspection
- Photonics
- RF Power
- Lasers

ELECTRONICS & PACKAGING
Surround the Workpiece®

- Lasers
- Laser-based Processing
- Beam Steering
- Motion Control
- Motion
- Plating Chemicals
- Optical Solutions
- Laser Systems
- Other Photonics
- Plating Equipment
- Process Chemistries
- Laser Drilling
- Surface Cleaning
- Process Chemistries
- Plating Equipment

MKS Today: Foundational Solutions for Advanced Electronics

Optimize the Interconnect®
Broad Portfolio of Market-Leading Solutions

**Surround the Wafer®**

<table>
<thead>
<tr>
<th>VACUUM</th>
<th>PHOTONICS</th>
<th>MATERIALS</th>
</tr>
</thead>
<tbody>
<tr>
<td>Pressure &amp; Flow Measurement &amp; Control</td>
<td>Optical Fiber Thermometry</td>
<td>Vibration Control</td>
</tr>
<tr>
<td>Control &amp; Iso Valves</td>
<td>Flex PCB Via Drilling Systems</td>
<td>Electronic Plating Chemistries</td>
</tr>
<tr>
<td>Flow &amp; Gas Delivery</td>
<td>UV Nanosecond Pulsed Lasers</td>
<td>Decorative Surface Finishing</td>
</tr>
<tr>
<td></td>
<td>High Performance Gratings</td>
<td></td>
</tr>
<tr>
<td></td>
<td>#1 Component Test</td>
<td></td>
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<tr>
<td></td>
<td>#2 Component Test</td>
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</tr>
<tr>
<td></td>
<td>#3 Component Test</td>
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<tr>
<td></td>
<td>#1 Plasma &amp; Reactive Gas Analysis</td>
<td></td>
</tr>
<tr>
<td></td>
<td>#2 FTIR Gas Analysis</td>
<td></td>
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<tr>
<td></td>
<td>#3 RF Power Supplies</td>
<td></td>
</tr>
<tr>
<td></td>
<td>#1 Tool, Safety Chamber, Network</td>
<td></td>
</tr>
<tr>
<td></td>
<td>#2 Microwave Power</td>
<td></td>
</tr>
<tr>
<td></td>
<td>#3 RGA</td>
<td></td>
</tr>
</tbody>
</table>

**MKS CORE PRODUCT PORTFOLIO**

1999 (IPO)

- Market-Leading Technology
- Expansion into High Growth Markets
- Innovative Customer Solutions
- Shareholder Value Creation

**24 Acquisitions since IPO**

| #1 or #2 Segment Share in Most Categories |

Sources: TechInsights, Internal Company estimate
Secular Semi Demand Growth Drives WFE Investment

- Vertical Scaling
  - EUV
  - Atomic Layer Processing

$1 Trillion Revenue\(^1\) projected by 2030 to support EV, AR/VR, IoT, Cloud computing

$135B in WFE spend needed to support $1 Trillion in semiconductor sales by 2030, assuming average capital intensity of past five years\(^3\)

1. Semi.org
2. TechInsights
3. Internal Company Estimates
MKS Enables More Semiconductor Process Steps Than Anyone Else in the Industry

DEPOSITION
- Pressure & Vacuum Measurement
- Gas Delivery & Pressure Control
- Plasma & Reactive Gas
- RF Power
- Temperature Sensing

ETCH
- Pressure & Vacuum Measurement
- Gas Delivery & Pressure Control
- Plasma & Reactive Gas
- RF Power
- Temperature Sensing

WET PROCESSING
- Reactive Gases

LITHOGRAPHY
- Optics & Optical Subsystems
- Precision Motion
- Vibration Control
- Light Source Assemblies

METROLOGY & INSPECTION
- Optics & Optical Subsystems
- Lasers
- Precision Motion
- High Performance
- DUV Thin Film Coating

1 Internal Company estimates
Lines Are Blurring as Complexity Increases ...
...Requiring Increasingly Integrated Semi, Substrate & PCB Design

MKS creates processes and products that **optimize yields and enable faster time to market**

**Semiconductor Design**
- Miniaturization
- Complexity
- Materials

**Functional Requirements (Heterogenous Integration)**
- Electrical Performance
- Thermal Management
- Signal Integrity

**Package Substrates & Advanced PCBs**

**Structures**
- Flex & Rigid-Flex
- HDI
- Substrate-like PCB
- Package Substrate

**Materials**
- Ajinomoto Build-up Film (ABF)
- Resin Coated Copper (RCC)
- High Frequency (HF)
- Flame Retardant (FR4)
- Bismaleimide Triazine (BT)

**Via Formation**
- Geometry
- Diameter/Aspect Ratio
- Cu clad / filling

**Process Chemistry**
- Adhesion Promotion / Bonding
- Stripping / Etching
- Laser Direct Drilling Pretreatment
- Desmear
- Electroless/Electrolytic Plating
- Surface Finishing
The Next Frontier: Optimize the Interconnect℠

The Interconnect Has Become the Focal Point for Integrating Semiconductor & PCB Design

Combination of Optimized Laser Drilling & Process Chemistries Expertise Positions MKS to Deliver Better Yields, Faster for Customers
Leveraging Domain Expertise: General Metal Finishing

**REPLACEMENT OF HARMFUL SUBSTANCES**
- Driven by strict environmental regulations
- Cr(VI)-free decorative and functional chrome plating

**REDUCED RESOURCE CONSUMPTION**
- Tighter global operating requirements
- Demand for reduced resource consumption (water, energy, chemistry)

**RENEWABLE ENERGY**
- Cost-efficient solutions for solar cell production
- Demand for highest corrosion protection for offshore and onshore wind turbines

**ELECTRIFICATION, BATTERIES & LIGHTWEIGHTING**
- Enhanced plating of new plastics and lightweight metals
- New material combinations requiring advanced corrosion protection
- Electric vehicle (EV) battery applications

**PREMIUMIZATION**
- Increasing quality and durability requirements
- Demand for new chrome colors

**MOBILITY**
- Plating of new plastics for 5G antennas
- Non-magnetic coatings for camera housings

Auto Market Comprises >50% of our GMF business
EV Growth Creates Value-Add Opportunities for GMF

**TRANSITIONING PARTS**

Internal Combustion Engine (ICE) Powertrain Related Components
- Engine valves
- Fuel injector lines
- Fuel injection pump
- Turbo wheels
- Front grills

**EMERGING PARTS**

- Electric Drivetrain Components
  - Battery housings
  - Lead tabs
  - Bus bars
  - Battery terminals
  - Fasteners — electrical conductivity
  - IGBT heat sinks
  - Chargers

- More and Higher Value Surface Finishing
  - More surface area (thicker shock rods, more scrolls)
  - Eco-friendly surface finishing solutions
  - New materials requirements

>1.5x GMF Chemistry Content$^1$ in EV than ICE

$^1$ Internal Company estimate; does not include incremental Electronics and Semiconductor content
MKS Portfolio Positioned Well for Global Sustainability Needs

**END MARKET SUSTAINABILITY**

- Gas analyzers for air monitoring and automotive emissions
- Vacuum solutions for synthetic diamond manufacturing (CarbonNeutral® product certified)
- Pulsed lasers and gas controllers used in solar cell fabrication
- Chemistries for metallization of solar modules

**PRODUCT SUSTAINABILITY**

- Dissolved ozone delivery system, with water recycling solution
- Chemistries to enhance corrosion protection for wind turbines
- Environmentally sustainable chemistry alternatives (Cr VI-free, Pb-free, Ni-free, CN-free)
- Auxiliary equipment for the reduction and treatment of wastewater
Financial Profile
Evolution into Broad Foundational Technology Provider

Significantly expanded financial and operational scale to **drive growth across a broader array of end markets**

---

**2015**

**REVENUE MIX**
- Semi: 69%
- Non-Semi: 31%

**REVENUE STREAM**
- Equipment: 86%
- Services: 14%

**ADJUSTED EBITDA**
- $0.2B

**TOP 5 CUSTOMER CONCENTRATION**
- 42%

---

**2022 COMBINED COMPANY**

**REVENUE MIX**
- Semi: 46%
- Specialty Industrial: 29%
- Equipment: 62%

**REVENUE STREAM**
- Electronics & Packaging: 25%
- Services: 11%

**ADJUSTED EBITDA**
- $1.3B

**TOP 5 CUSTOMER CONCENTRATION**
- 28%

---

1. See Slide 3 for additional information regarding the calculation of combined company results
Financial Discipline is Core to MKS’ DNA

Experienced leadership with proven execution track record

### Profitability Management
- Monthly profit and cash optimization program
- Centers of excellence
- Targeted R&D investment approach

### Operating Flexibility
- Highly variable cost structure
- Asset-light capacity model
- Leverage multiple low-cost regions

### M&A Execution
- Track record of delivering on synergies and deleveraging
- Comprehensive approach to technology and market synergies
- Expansion into 20 segment-leading categories

---

**28%**

2022 Combined Company Adjusted EBITDA Margin

**>80%**

>80% of 2022 Combined Company COGS was variable

**>2x**

>2x increase in Non-GAAP OM% of Newport business

**>1.3x**

>1.3x increase in Non-GAAP OM% of Photon Control business

---

1 See Slide 3 for additional information regarding the calculation of combined company results.
2 Compares Non-GAAP operating margin of the Newport business for the twelve-months ended December 31, 2022 with the twelve-months ended December 31, 2016.
3 Compares Non-GAAP operating margin of the Photon Control business for the twelve-months ended December 31, 2022 with the twelve-months ended December 31, 2021.
Capital Deployment Focused on Long-Term Value Creation

<table>
<thead>
<tr>
<th>ORGANIC GROWTH &amp; DIVIDENDS</th>
</tr>
</thead>
<tbody>
<tr>
<td>Strong organic investments</td>
</tr>
<tr>
<td>Grow dividend over time</td>
</tr>
<tr>
<td>Capex 3% - 5% of revenue</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>DEBT MANAGEMENT</th>
</tr>
</thead>
<tbody>
<tr>
<td>Accelerated debt paydown</td>
</tr>
<tr>
<td>Opportunistic re-pricings</td>
</tr>
<tr>
<td>Maintain strong liquidity</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>M&amp;A / BUYBACK</th>
</tr>
</thead>
<tbody>
<tr>
<td>Disciplined M&amp;A is a component of our growth strategy</td>
</tr>
<tr>
<td>Opportunistic share buybacks</td>
</tr>
<tr>
<td>Maximize long-term shareholder value</td>
</tr>
</tbody>
</table>
MKS: Technology-Driven Secular Growth Company

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Attractive growth profile

Positioned for strong EPS growth and cash generation, with track record of execution
### 2015 Revenue by End Market and Market Stream

<table>
<thead>
<tr>
<th>Market Stream</th>
<th>MKS</th>
<th>Non-Semiconductor</th>
<th>Total</th>
</tr>
</thead>
<tbody>
<tr>
<td>Semiconductor</td>
<td>$562</td>
<td>252</td>
<td>$814</td>
</tr>
<tr>
<td>Non-Semiconductor</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Equipment</td>
<td>$697</td>
<td>116</td>
<td>$814</td>
</tr>
<tr>
<td>Services</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td></td>
<td></td>
<td>$814</td>
</tr>
</tbody>
</table>

### 2022 Revenue by End Market and Market Stream

<table>
<thead>
<tr>
<th>Market Stream</th>
<th>MKS</th>
<th>ATOTECH</th>
<th>COMBINED</th>
</tr>
</thead>
<tbody>
<tr>
<td>Semiconductor</td>
<td>$2,041</td>
<td>$-</td>
<td>$2,041</td>
</tr>
<tr>
<td>Electronics &amp; Packaging</td>
<td>541</td>
<td>590</td>
<td>1,131</td>
</tr>
<tr>
<td>Specialty Industrial</td>
<td>964</td>
<td>313</td>
<td>1,277</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td>$3,547</td>
<td>$903</td>
<td>$4,450</td>
</tr>
</tbody>
</table>

### Reconciliations

See Slide 3 for additional information regarding the calculation of combined company results of MKS and Atotech.

In millions.
## 2015 Non-GAAP Gross Margin, Adjusted EBITDA and Adjusted EBITDA Margin

<table>
<thead>
<tr>
<th>Description</th>
<th>.Amount (in millions)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Revenue</td>
<td>$814</td>
</tr>
<tr>
<td>Gross profit</td>
<td>363</td>
</tr>
<tr>
<td>Sale of previously written down inventory</td>
<td>(2)</td>
</tr>
<tr>
<td>Non-GAAP gross profit</td>
<td>$361</td>
</tr>
<tr>
<td>Non-GAAP gross margin</td>
<td>44%</td>
</tr>
<tr>
<td>Net income</td>
<td>$122</td>
</tr>
<tr>
<td>Interest expense, net</td>
<td>(3)</td>
</tr>
<tr>
<td>Provision for income taxes</td>
<td>37</td>
</tr>
<tr>
<td>Depreciation</td>
<td>15</td>
</tr>
<tr>
<td>Amortization of intangible assets</td>
<td>7</td>
</tr>
<tr>
<td>Stock-based compensation</td>
<td>13</td>
</tr>
<tr>
<td>Sale of previously written down inventory</td>
<td>(2)</td>
</tr>
<tr>
<td>Restructuring and other</td>
<td>2</td>
</tr>
<tr>
<td>Adjusted EBITDA</td>
<td>$192</td>
</tr>
<tr>
<td>Adjusted EBITDA margin</td>
<td>24%</td>
</tr>
</tbody>
</table>
### Reconciliations

#### 2022 Adjusted EBITDA and Adjusted EBITDA Margin

<table>
<thead>
<tr>
<th>Combined Company</th>
<th>Q4'22</th>
<th>Q3'22</th>
<th>Q2'22</th>
<th>Q1'22</th>
<th>Total</th>
<th>MKS</th>
<th>Q3'22</th>
<th>Q2'22</th>
<th>Q1'22</th>
</tr>
</thead>
<tbody>
<tr>
<td>Net income</td>
<td>$ 54</td>
<td>$(12)</td>
<td>$ 150</td>
<td>$ 187</td>
<td>$ 379</td>
<td></td>
<td>$ 54</td>
<td>$ 130</td>
<td>$ 143</td>
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<tr>
<td>Interest expense, net</td>
<td>83</td>
<td>105</td>
<td>21</td>
<td>20</td>
<td>229</td>
<td></td>
<td>79</td>
<td>6</td>
<td>6</td>
</tr>
<tr>
<td>Provision for income taxes</td>
<td>11</td>
<td>33</td>
<td>51</td>
<td>46</td>
<td>141</td>
<td></td>
<td>44</td>
<td>26</td>
<td>28</td>
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<tr>
<td>Depreciation and amortization</td>
<td>96</td>
<td>73</td>
<td>65</td>
<td>67</td>
<td>301</td>
<td></td>
<td>28</td>
<td>28</td>
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<tr>
<td>Stock-based compensation</td>
<td>13</td>
<td>13</td>
<td>17</td>
<td>11</td>
<td>54</td>
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<td>10</td>
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<td>8</td>
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<tr>
<td>Acquisition and integration costs</td>
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<td>71</td>
<td>2</td>
<td>9</td>
<td>93</td>
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<td>30</td>
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<tr>
<td>Acquisition inventory step-up</td>
<td>13</td>
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<td>52</td>
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<td>Restructuring and other</td>
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<td>—</td>
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<td>—</td>
<td>—</td>
<td></td>
<td>—</td>
<td>—</td>
<td>(7)</td>
</tr>
<tr>
<td>Gain on sale of long-lived assets</td>
<td>—</td>
<td>—</td>
<td>—</td>
<td>—</td>
<td>(7)</td>
<td></td>
<td>—</td>
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<td>(5)</td>
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<td>Currency hedge gain</td>
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<td>—</td>
<td>—</td>
<td>—</td>
<td></td>
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</tr>
<tr>
<td>Management fee</td>
<td>—</td>
<td>—</td>
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<td>—</td>
<td>1</td>
<td></td>
<td>—</td>
<td>1</td>
<td>1</td>
</tr>
<tr>
<td>Adjusted EBITDA</td>
<td>$ 282</td>
<td>$ 327</td>
<td>$ 310</td>
<td>$ 332</td>
<td>$ 1,251</td>
<td></td>
<td>$ 245</td>
<td>$ 208</td>
<td>$ 211</td>
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</table>

<table>
<thead>
<tr>
<th>Atotech</th>
<th></th>
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</thead>
<tbody>
<tr>
<td>Net income</td>
<td>$ (66)</td>
<td>$ 20</td>
<td>$ 44</td>
<td></td>
<td></td>
<td></td>
<td>$ (66)</td>
<td>$ 20</td>
<td>$ 44</td>
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<tr>
<td>Interest expense, net</td>
<td>26</td>
<td>15</td>
<td>14</td>
<td></td>
<td></td>
<td></td>
<td>26</td>
<td>15</td>
<td>14</td>
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<tr>
<td>Provision for income taxes</td>
<td>(11)</td>
<td>25</td>
<td>18</td>
<td></td>
<td></td>
<td></td>
<td>(11)</td>
<td>25</td>
<td>18</td>
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<tr>
<td>Depreciation and amortization</td>
<td>45</td>
<td>37</td>
<td>39</td>
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<td>37</td>
<td>39</td>
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<td>Stock-based compensation</td>
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<tr>
<td>Acquisition and integration costs</td>
<td>41</td>
<td>—</td>
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<td></td>
<td></td>
<td></td>
<td>41</td>
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<tr>
<td>Acquisition inventory step-up</td>
<td>39</td>
<td>—</td>
<td>—</td>
<td></td>
<td></td>
<td></td>
<td>39</td>
<td>—</td>
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<tr>
<td>Restructuring and other</td>
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<td>—</td>
<td>1</td>
<td></td>
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<tr>
<td>Management fee</td>
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<tr>
<td>Adjusted EBITDA</td>
<td>$ 82</td>
<td>$ 102</td>
<td>$ 121</td>
<td></td>
<td></td>
<td></td>
<td>$ 82</td>
<td>$ 102</td>
<td>$ 121</td>
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</tbody>
</table>

Combined Company combines the results of MKS (excluding Atotech/MSD for Q3'22) and the results of Atotech/MSD (including full quarter results for Q3'22) in millions.
<table>
<thead>
<tr>
<th>Non-GAAP Operating Margin</th>
<th>Newport Business¹</th>
<th>Photon Control Business²</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Revenue</strong></td>
<td>$602</td>
<td>$862</td>
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<tr>
<td>Income (loss) from operations</td>
<td>(1)</td>
<td>196</td>
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<tr>
<td>Acquisition and integration costs</td>
<td>27</td>
<td>-</td>
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<tr>
<td>Restructuring and other</td>
<td>-</td>
<td>1</td>
</tr>
<tr>
<td>Acquisition inventory step-up</td>
<td>15</td>
<td>-</td>
</tr>
<tr>
<td>Amortization of intangible assets</td>
<td>32</td>
<td>15</td>
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<tr>
<td>Non-GAAP income from operations</td>
<td>$73</td>
<td>$212</td>
</tr>
<tr>
<td>Non-GAAP operating margin</td>
<td>12.1%</td>
<td>24.6%</td>
</tr>
</tbody>
</table>

¹ Reconciliation of Non-GAAP operating margin of the Newport business for the year ended December 31, 2022 and the year ended December 31, 2016
² Reconciliation of Non-GAAP operating margin of the Photon Control business for the year ended December 31, 2022 and the year ended December 31, 2021

In millions