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MetalForming LIVE

SPEAKER INTRODUCTION



ABOUT UHY



30+ Office Locations

1,800+ Professionals

U.S. Coverage

Top 30 firm in the United States

International Coverage

- Top 20 global professional services firm
- 8,500+ professionals in 100+ countries



50+ Years of Experience

Comprehensive Services

- Corporate Finance / M&A
- Consulting/Advisory
- Tax
- Audit / Assurance
- Forensic, Litigation, & Valuation
- International

Manufacturing Expertise Serving Middle Market

- **2,000+ manufacturing clients** including OEMs, tiered suppliers, prototype/low volume, tool & die, plastics, and metals clients
- Professionals with prior manufacturing industry experience
- Access to industry data and experts including public & proprietary databases and strong network of industry contacts
- Host Annual Manufacturing & Automotive Outlook Conferences
- Quarterly publications including "Manufacturing Insider" and "NA Automotive Production Forecast Summary"
- Active participation in manufacturing industry groups
 - > Precision MetalForming Association (PMA)
 - > Jackson Area Manufacturing Association (JAMA)
 - > Michigan Manufacturers Association (MMA)
 - National Tooling and Machining Association (NTMA)
 - Society of Automotive Analysts (SAA)
 - Society of Automotive Engineers (SAE)
 - Original Equipment Suppliers Association (OESA)
 - Aerospace Industry Association of Michigan (AIAM)



METAL FABRICATION EVOLVING INDUSTRY INSIGHTS

Today's Podcast To Highlight Best Practices For Integrating HMLV Metal Fabrication



SETTING THE STAGE

What's Driving Growth For High Mix Low Volume (HMLV)

Customization / Consumer Preferences / Innovation / Niche Products

Electric Vehicles

Specialty Luxury Vehicles

Bespoke Automotive Components

Compressed Product Launch Timelines <u>and Costs</u>



Covid19 Geopolitical/Nearshoring Response

Supply Chain Risk Mitigation Due To Geopolitical Issues.

Demand For Medical Equipment & Related Products Due To Covid-19

Demand For Aerospace & Defense Supply Chain National Security Risk



Technology & Automation Advancements

Improve Throughout / Efficiency With Robots/Cobots. To Make Costs More Competitive

3-D Printing Additive Manufacturing Making Vast Improvements For Low Volume Niche Products

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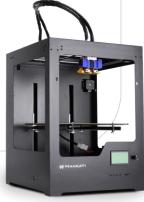
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Technology & Automation Advancements

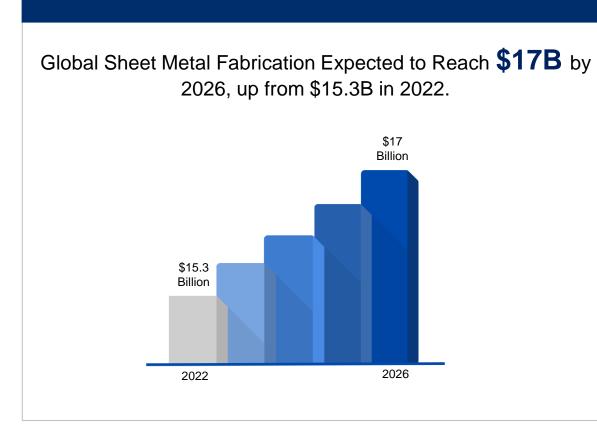
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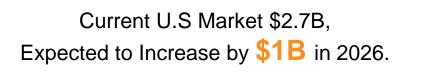
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INDUSTRY OVERVIEW

Industry Market Overview and Trends





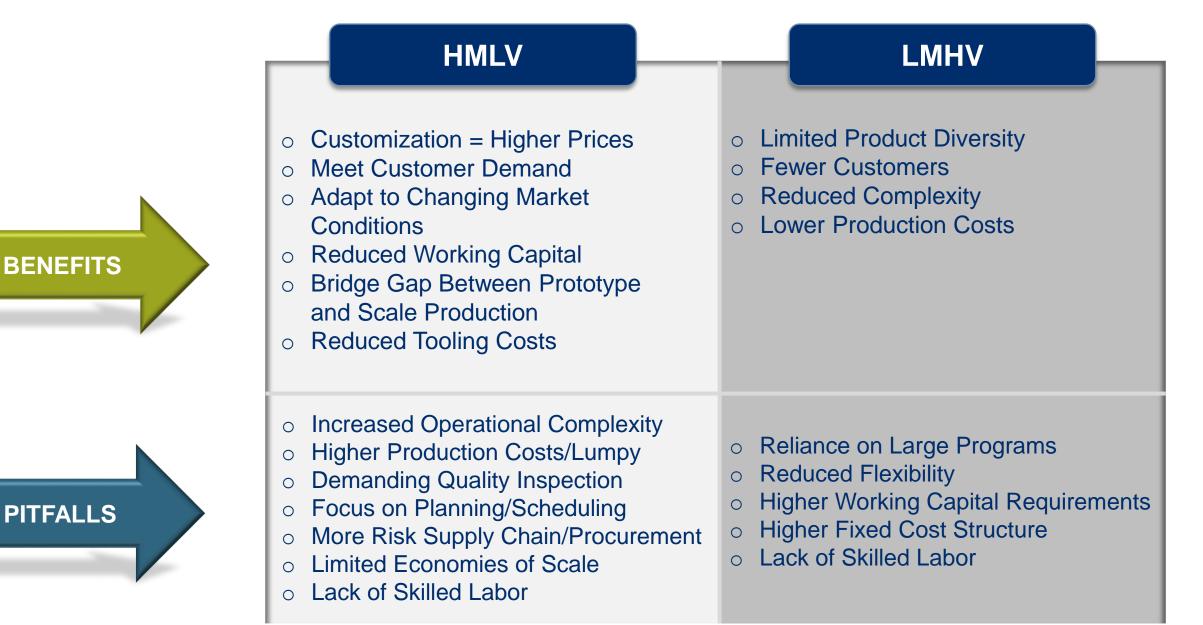


HMLV VS. LMHV

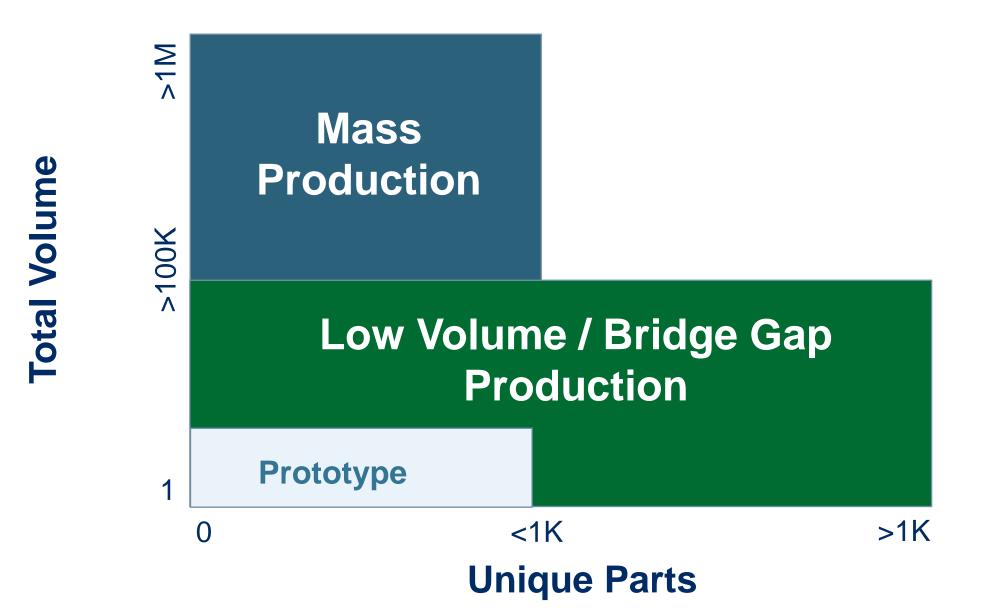
"High Mix Low Volume"

"Low Mix High Mix"

Points To Consider



Production Decision - Matrix

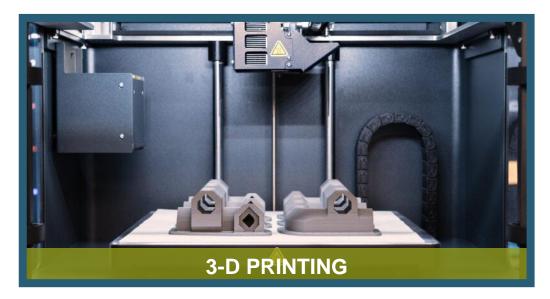


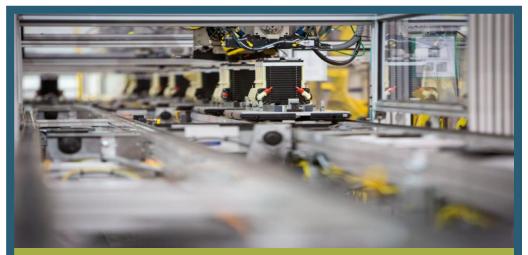
HMLV CAPITAL OVERVIEW

Equipment List In HMLV, All Working Together



The Future Is Here





AUTOMATION EQUIPMENT / SOFTWARE



Today's Podcast To Highlight Best Practices For Integrating HMLV Metal Fabrication



LET'S DIVE INTO IT!