

Metal Powder Works (MPW) Signs Powder Partner Agreement with CenterLine to Develop Automotive Tooling Solutions Using Cold Spray Technology

HIGHLIGHTS

- MPW signs Powder Partner agreement with CenterLine (Windsor) Limited, a global leader in cold spray technology and advanced automation
- Collaboration driven by automotive customer demand to evaluate cold spray technology using Kirksite, a zinc-aluminum alloy widely used in automotive, aerospace, and defence tooling
- Partnership combines MPW's DirectPowder™ engineered metal powder capabilities with CenterLine's Supersonic Spray Technologies (SST) platform
- Kirksite represents a new alloy for MPW's growing powder portfolio, with an addressable market of USD 100-300 million in the automotive industry alone.
- Builds on recent cold spray validation milestones, where MPW's DirectPowder™ process surpasses legacy atomisation
- Provides a significant entry point into the global automotive industry, opening new market opportunities beyond aerospace and defence
- Initial development and validation work to commence immediately

Metal Powder Works Limited (ASX: MPW) ("the Company" or "MPW"), a specialty materials company, is pleased to announce it has signed a Powder Partner agreement with CenterLine (Windsor) Limited ("**CenterLine**"), based in Windsor, Ontario, Canada, to collaboratively develop advanced metal powder materials for cold spray applications.

The collaboration is being driven by an automotive customer seeking to evaluate cold spray technology using Kirksite, a zinc-aluminum alloy. Kirksite is a long-standing staple in the automotive, aerospace, and defence industries, valued for its role as a practical "bridge" between digital design and final, mass-produced steel tooling.

Strategic Significance

The CenterLine partnership is strategically significant for MPW on multiple fronts:

New alloy, expanding MPW's powder portfolio: Kirksite (zinc-aluminum) represents a new alloy addition to MPW's growing DirectPowder™ portfolio, which now spans 25+ materials including high-strength aluminum, copper, copper nickel alloys, CP-Ti, and Zircaloy. The development of Kirksite powder for cold spray applications addresses an estimated addressable market of USD 100-300 million in the automotive industry alone. As the automotive, aerospace, and defence industries increasingly adopt cold spray for tooling repair and rapid prototyping, MPW is well-positioned to supply the engineered powder feedstock required for these applications.



KirkSITE competes wherever tooling users need: low capital cost, fast lead time, good dimensional accuracy, and moderate tool life for limited production runs, especially in automotive sheet-metal tryout, aerospace forming tools, plastics molding inserts, and composite lay-up molds

Builds on proven cold spray powder performance: MPW's DirectPowder™ material has been independently validated as achieving better results than with legacy atomised powders. Cold spray is a fast, affordable process for tooling restoration, repair, and modification. The CenterLine partnership extends this proven capability into a new alloy system (KirkSITE) and a new end-market (automotive tooling), demonstrating the breadth and versatility of MPW's DirectPowder™ platform.

Entry into the automotive industry: The CenterLine partnership provides MPW with a significant entry point into the global automotive industry. While MPW has established strong credentials in aerospace, defence, and energy applications, the automotive sector represents a substantial new addressable market for the Company's engineered metal powders. CenterLine's established relationships with major automotive OEMs and Tier-1 suppliers, combined with its global footprint across nine manufacturing sites in seven countries, provides MPW with an accelerated pathway to commercialisation in this sector. The partnership is driven by direct automotive customer demand, underscoring the market pull for cold spray tooling repair solutions that extend tool life, reduce downtime, and lower costs for manufacturers.

About CenterLine

CenterLine (Windsor) Limited is a privately held, family-owned Canadian corporation with over 65 years of business experience. The company designs and manufactures custom automated welding and assembly lines and configured products for resistance welding, metal forming, and cold spray coating applications. CenterLine serves OEMs and Tier suppliers in the automotive, mass transit, aerospace, and defence industries, with approximately 530 employees and operations across Canada, USA, Mexico, Brazil, Germany, Romania, India, and China.

CenterLine's Supersonic Spray Technologies (SST) Division is at the forefront of supplying equipment, consumables, and process development expertise for commercial applications of cold spray. SST has established itself as a leader in enabling advanced deposition solutions across automotive, aerospace, and industrial markets.

Partnership Overview

Through this partnership, MPW will leverage its expertise in engineered metal powders produced via its patented DirectPowder™ process, while CenterLine contributes its deep experience in cold spray systems and process optimisation. Together, the companies aim to develop a KirkSITE cold spray solution that extends tool life, reduces downtime, and lowers overall cost for automotive manufacturers.



Initial development and validation work will begin immediately, with broader automotive and industrial applications anticipated as the material platform matures.

Upon successful completion of the development and validation work, MPW and CenterLine intend to negotiate a commercial offtake agreement establishing minimum annual volumes, pricing structures, and lead times for ongoing powder supply.

“This collaboration is about meeting customers where speed, flexibility, and cost matter most,” stated MPW CEO John Barnes. “By combining our powder development capabilities with CenterLine’s cold spray technology, we’re opening the door to faster repairs and more agile tooling strategies—without waiting weeks for a recast tool.”

“Cold spray is uniquely suited for tooling repair because it allows us to restore material properties without introducing the heat-related distortion or metallurgical changes associated with traditional weld repair,” said a spokesperson for CenterLine. “Partnering with MPW enables us to pair advanced powder engineering with our Supersonic Spray Technologies platform, delivering a high-performance Kirksite repair solution tailored specifically to the speed and cost pressures of today’s automotive programs.”

Kirksite is strategically important in automotive prototyping and short-run forming because of its speed and flexibility. The US composite tooling market is estimated by Research & Markets to be worth approximately \$600m USD in 2025, with the tooling market in automotive sheet metal applications segment estimated by management to be worth approximately \$100-\$300m USD excluding aerospace, defense, and composites.

This announcement has been authorised for release by the Board of Directors.

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ABOUT METAL POWDER WORKS

Metal Powder Works Limited’s (ASX:MPW) manufacturing base is in Pittsburgh, USA and specialises in the production of high-quality metal powders for additive manufacturing and other advanced applications. MPW has developed a patented, non-thermal powder production process known as *DirectPowder™*. The MPW process represents the first true innovation in powder manufacturing in over 50 years. This innovative method converts premium bar stock into quality powder for a variety of materials and applications, significantly improving yield and affordability. MPW currently has 25+ powders in production including high strength aluminum, copper and copper nickel alloys, and specialty alloys including CP-Ti and Zircaloy. In 2024, Metal Powder Works was named as Material Company of the Year by the 3D Printing Industry Awards



FORWARD LOOKING STATEMENTS

Statements contained in this release, particularly those regarding possible or assumed future performance, revenue, costs, dividends, production levels or rates, prices or potential growth of Metal Powder Works Limited, are, or may be, forward looking statements. Such statements relate to future events and expectations and, as such, involve known and unknown risks and uncertainties. Actual results and developments may differ materially from those expressed or implied by these forward-looking statements depending on a variety of factors.

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