



Advancing Powder Metallurgy  
& Particulate Materials Worldwide

## METAL POWDER INDUSTRIES FEDERATION

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# NEWS

## FOR IMMEDIATE RELEASE

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Orlando, FL

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### Local Executives Accept Award in International Design Competition

Rick Scott, Director of Engineering, and Josh Hume, Manufacturing Engineer, Nichols Portland LLC, Portland, Maine, accepted an Award of Distinction in the Hand Tools/Recreation Category of the 2021 Powder Metallurgy Design Excellence Awards Competition. The award was given for a positive displacement gerotor assembly for customized performance-racing fuel pumps. Racing applications require higher delivery pressures with fuel formulations that provide very low levels of lubricity. A novel material was developed to meet these needs in which a wear resistant hard phase is dispersed within a matrix.

They accepted the award for their company at PowderMet2021: International Conference on Powder Metallurgy & Particulate Materials in Orlando, Florida.

Powder metallurgy (PM) is an automated metalworking process that forms metal powders into precision components used in applications such as auto engines and transmissions, hardware, industrial machinery, sporting goods, defense, and firearms. More than 800 million pounds of PM parts are made annually in North America.

The competition is sponsored annually by the Metal Powder Industries Federation, an international trade association for the metal powder producing and consuming industries.

# # #

**Editor's Note:** For further information contact Dora Schember at [dschember@mpif.org](mailto:dschember@mpif.org) or (609) 452-7700.

**Photo attached**



Gerotor Assembly



Left to right, MPIF President Dean Howard presents award to Josh Hume and Rick Scott

For more information or digital images contact Dora Schember ([dschember@mpif.org](mailto:dschember@mpif.org))  
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***About the Metal Powder Industries Federation***

*Metal Powder Industries Federation is the North American trade association formed by the powder metallurgy industry to advance the interests of the metal powder producing and consuming industries and provides a single point of reference for all MPIF member companies.*