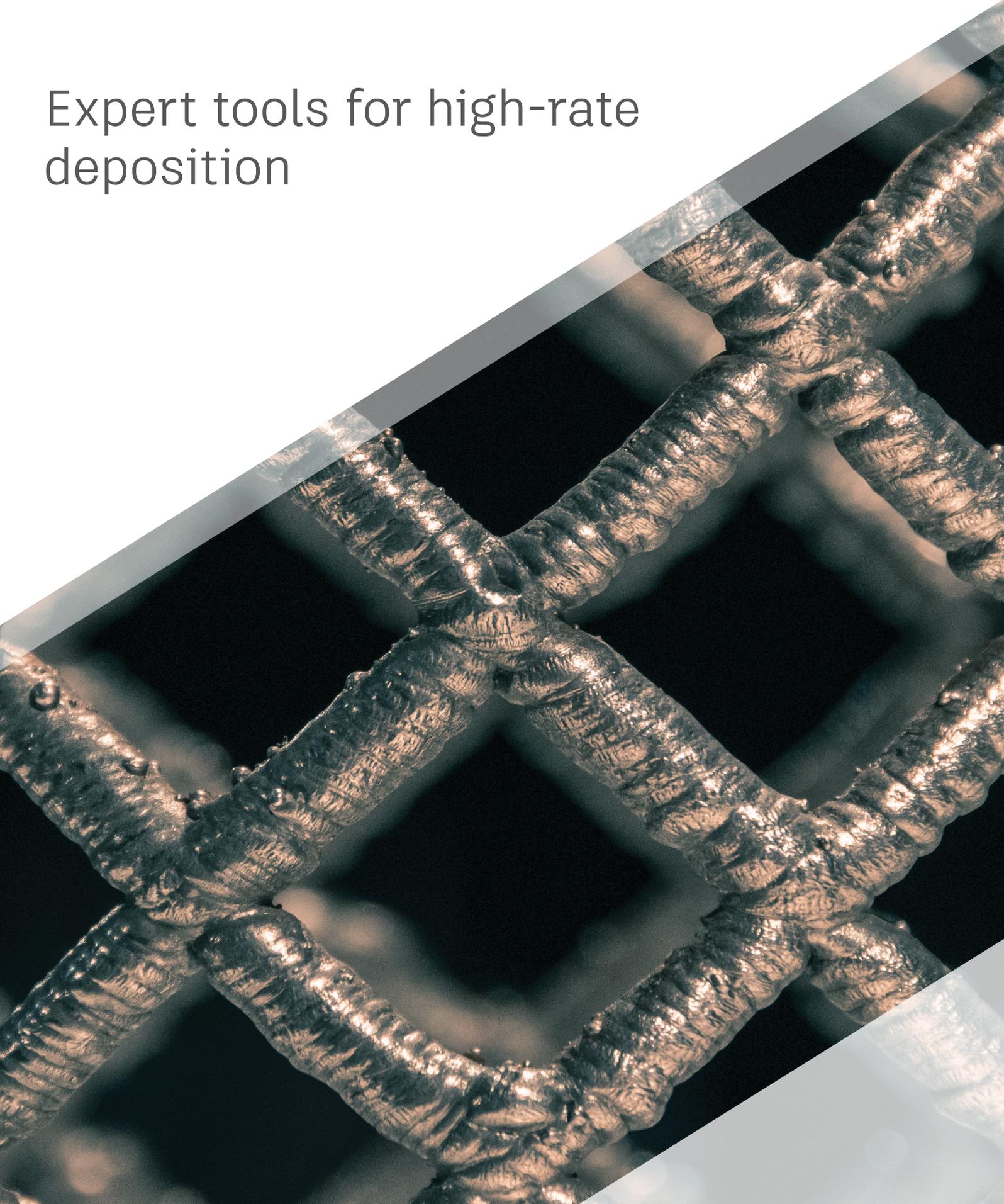




POWERMILL® ADDITIVE

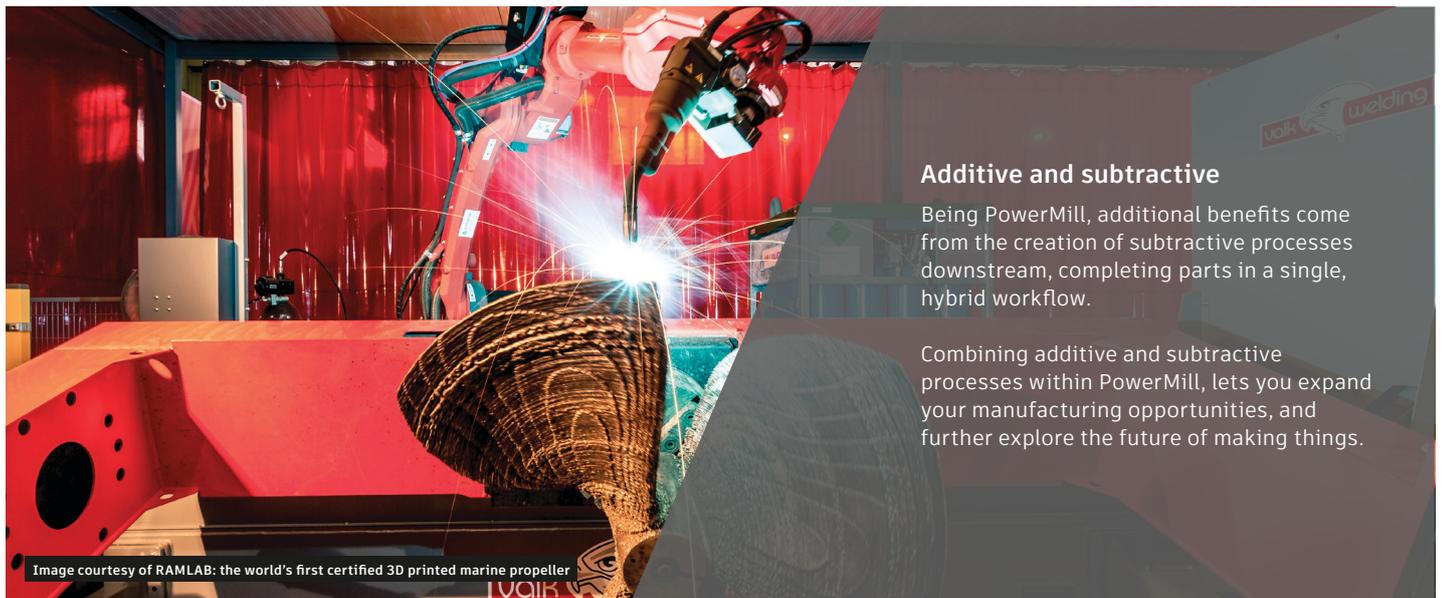
Expert tools for high-rate
deposition



Make complex parts faster and on-demand across a wide range of hardware devices.

When a revolution in manufacturing occurs, the benefits it provides, through material cost savings and speed of manufacture, can be capitalized by using the right software tool.

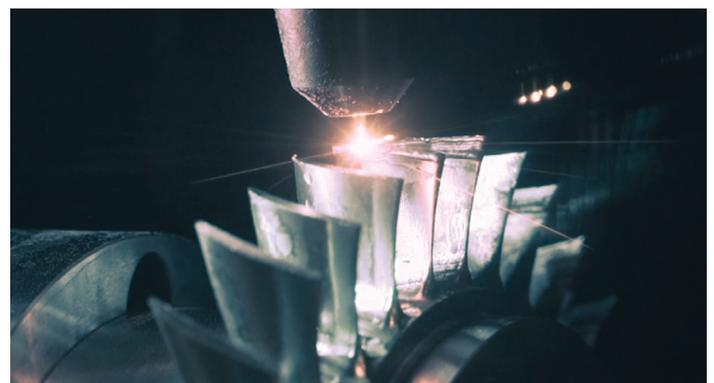
Autodesk PowerMill Additive offers an innovative solution to drive high-rate metal deposition, also known as directed energy deposition (DED). Parts can be made faster by combining additive and subtractive processes in all sectors, including aerospace, automotive, maritime and more.



Parts on-demand

PowerMill has specifically developed strategies for DED, that can be used to build large scale parts on-demand, without the need to produce casting patterns for example, dramatically reducing lead times.

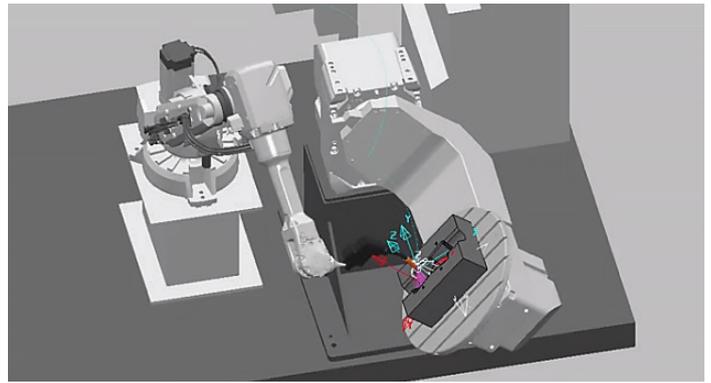
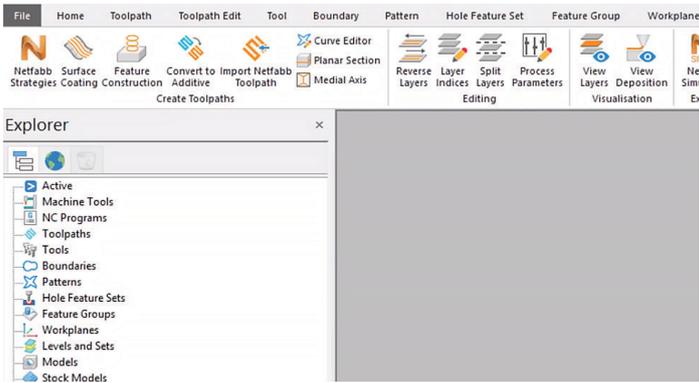
PowerMill Additive focuses on high-rate metal operations, though it can accommodate other materials such as resin or concrete, allowing the selected material to be added to a substrate.



Repair parts

When a customer needs a specific part repaired, it can be a challenge to provide cost effective fixes with material from a wide range of metals.

Using PowerMill Additive to repair high-value metal components can improve the parts lifetime use. Rather than replacing damaged tools, PowerMill Additive can be used to repair only the damaged areas, resulting in reduced downtime, longer working orders and a lower environmental impact.



Simplified workflow

An intuitive user-interface and short learning curve make PowerMill Additive a powerful yet flexible tool for your projects. Add value, reduce costs and create sustainable parts that traditional manufacturing processes cannot support.

Get the most out of your additive platform in the shortest time possible. A simplified workflow makes it easy to calculate deposition paths, order NC programs, simulate builds and post process complex parts.

8 reasons to choose PowerMill

- Specifically developed DED strategies
- A single solution for combining additive and subtractive
- Detailed control of machine and process
- Large quantity spare parts no longer need to be purchased in advance
- Thermo-mechanical simulation to predict distortion and stress
- Minimize waste by building near net-shape parts on-demand
- Can accommodate metal and non-metal parts
- Repair high-value parts and improve the lifetime use

[Learn more at **autodesk.com/make**](https://www.autodesk.com/make)

“We’re bringing additive manufacturing to a truly industrial scale. Both software and hardware – is now ready for bigger things, and we’re seizing that opportunity to show the world what’s possible.”

–**Kelvin Hamilton**
Sr. Technical Consultant,
Autodesk

Support for multi-devices

PowerMill Additive supports laser, arc and electron beam based DED processes that offer flexibility and improved functionality across multiple hardware devices, including hybrid CNC machines, robotic cells and more.

Realising the benefits of complex and expensive hardware devices can be achieved by using PowerMill.



Make Great Products

Autodesk manufacturing software helps you make better quality products, faster. Machine, print, inspect, and fabricate parts efficiently.

- Complete modular manufacturing solutions – CAM, additive, composites
- Manufacturing expertise to automate, optimize and integrate your manufacturing processes, in addition to your software
- Cloud-connected so you can collaborate and manufacture anytime, anywhere

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