

Liquid Metal Printing (LMP)

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The process: Additive process developed by MIT researchers that deposits molten aluminum onto a bed covered with 1000-micron glass bead powder.

Pros:

- 10x faster than comparable additive metal manufacturing
- Low cost
- Emphasizes speed, repeatability, energy consumption

Cons:

- Difficult to control
- Lower resolution



Links:

<https://news.mit.edu/2024/researchers-demonstrate-rapid-3d-printing-liquid-metal-0125>

<https://www.youtube.com/watch?v=H03W-CiOT4A&t=123s>