

contamination of the part and a waste of material while underflow causes difficulty in separation, even failure of separation. Study of a controlled dry powder deposition is also ongoing.

6. Conclusion

This research reported in this article has demonstrated that SSS is a promising technology as a metal/ceramic AM platform with capability to deliver high quality, multi-scale, high speed and at a comparatively low cost which makes the process affordable by consumer market. Besides the economic advantages, SSS has the promise to manufacture large scale industrial ceramic and metallic parts.

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