

# Tritone Pro-Tips

## GREEN PARTS DRY TUMBLING

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**Tritone**

# GREEN PARTS DRY TUMBLING



## CHALLENGE

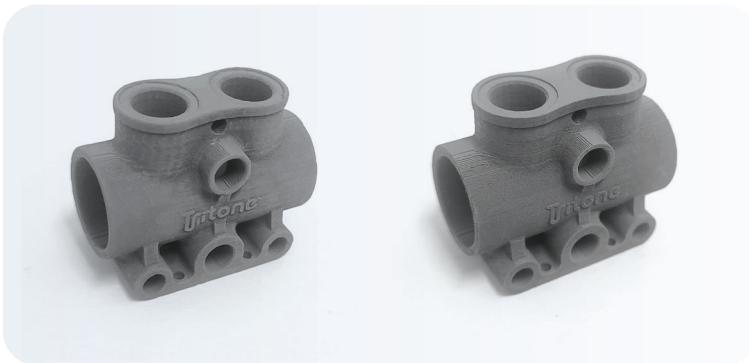
MoldJet technology enables industrial-scale manufacturing of various complex geometries. For improved surface finish, the parts may undergo a short cycle time labor-free “green state” post-process.



## SOLUTION

MoldJet's robust green parts enable a dual phase surface finishing process. First, the high-density green components receive the primary surface finish during the green part stage. Secondly, the final polish is applied to achieve the desired finish on the completed part.

A tumbler machine is used for both phases, green and sintered parts, as post-processing to ensure high surface quality for a batch of metal manufactured parts. This tumbler machine features a rotating barrel that contains different types of tumbling media, water, and soap. As the barrel rotates, the tumbling media grit gradually smooths and polishes the rough surfaces of the metal parts.



## BENEFITS

MoldJet technology excels in the industrial scale manufacture of metal and ceramic parts. Its inherent strength allows for surface finishing not only in the final stage but also during the initial green part phase. The tumbler machine process provides a surface treatment for all parts simultaneously.



## SUCCESS

- ▶ Post-processing on green parts using a tumbler machine
- ▶ Post-processing on sintered parts using a tumbler machine for a smooth result
- ▶ Shortest time manufacturing time as possible
- ▶ Labor-free process
- ▶ Achieve high surface quality for a batch of industrial scale metal manufactured

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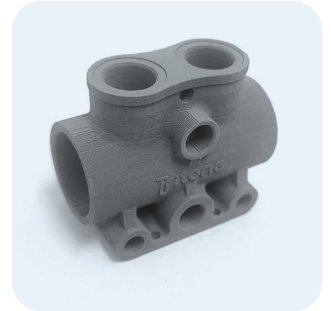
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