

BENTLEY MOTORS CASE STUDY

Leveraging our state-of-the-art precious metal additive (AM) technology



GROUND-BREAKING 3D PRINTED GOLD PROCESS USED IN BENTLEY BATUR

Cooksongold is proud to have collaborated with Bentley Motors on its new Batur by Mulliner. Leveraging our state-of-the-art precious metal additive (AM) technology, Bentley Motors has broken new ground in the automotive world by introducing 3D printed solid gold into its exclusive Batur by Mulliner.

This special collaboration between us and Bentley has enabled them to offer its customers optional 3D printed gold key driver touchpoints, such as the Charisma Dial. Serving as the centerpiece of an exquisite cabin, the dial perfectly complements the design of the Batur front grille. 3D printed gold parts are also applied to Bentley's iconic Organ Stop vent controls on the dashboard, as well as a gold insert marker on the steering wheel itself.

Every 3D gold part in the Batur was digitally designed using CAD models before being printed on our SLM machines. Each component is then meticulously hand-finished by our skilled jewellers, utilising traditional techniques to achieve the highest standard of polish and quality.

All our gold parts are crafted using sustainably sourced gold powder that is 100 percent recycled. Our onsite powder manufacturing capability allows us to fully audit and manage the recycling processes, ensuring there is no environmental impact from mining for new precious metals.