



Roush F-150 Camera Bracket Nest

SAF™ technology enables high production quantities by printing batches of parts nested together inside the build chamber. Large parts such as this connected array of 54 brackets, measuring 300x200x280 mm, can be printed in a single 13-hour build.

Roush Performance manufactured the entire bracket production lot needed for \$19.5K, a 35% savings compared with \$30K for injection molding. The SAF solution also met the tight schedule that injection molding couldn't meet due to the lead time to validate and produce the mold.

System	H350® 3D Printer
Material	PA11
Build Time	13 hrs, 2 mins (54 total brackets)
Material Used	1068.9 in ³ (2715 cm ³)
Nesting Density	11%