



Extruder Drive Housing

This part is a material extruder drive housing for the F900® printer. A preliminary quantity was printed on an F900® printer to satisfy initial F3300™ production requirements before the equivalent injection molded parts were obtainable. ASA material was chosen because its mechanical properties are suitable for this application and it's an easily printed thermoplastic. This part highlights the benefits of 3D printing as a quick and efficient bridge to production when the mass-produced parts are not yet available.

System	F900®
Material	ASA
Build Time	7 hrs, 41 mins
Material Used	5.52 in ³ (14.02 cm ³)
Support Material Used	3.6 in ³ (9.14 cm ³)