

Customer Showcase

File name: CS-JasonJordanSnowEngineCompressorModel

Background:

I am working on a model of a Snow stationary engine, here are some pictures. These were stationary engines that were used for power generation or as gas compression, I am guessing natural gas pumping, in the early 1900s. 600hp, 40,000 cubic inch running at 120 RPM which means 26,000 Ft Lbs of torque.

All visible items will be made entirely from aluminum and stainless. The inside cylinder liner will be cast iron and a few bronze bushings to support the various shafts. This should be a challenging build. The last two photos are of the original model, built by Doug Kelley and featured in Home Shop Machinist in May/June 2004 issue, and the original engine at the Coolspring Power Museum. HSM then published the full plans in 4 issues Nov 2006 – May 2007. I always had my eye on it but knew I needed a CNC to make it right so my Tormach was the addition that I needed to bring it to life. More photos at [Picasa \(http://picasaweb.google.com/squarejtx/EngineSnow?authkey=Gv1sRgCIDDk12-gPP_4QE#\)](http://picasaweb.google.com/squarejtx/EngineSnow?authkey=Gv1sRgCIDDk12-gPP_4QE#).

I have very much enjoyed using the machine and the awesome support Bob and Ann have always provided. In fact just received a nice shipment from you guys today with tooling and my spindle upgrade which I did this evening. What an awesome improvement with the braking and quick reversing for tapping, can't wait to try it out.

- Jason Jordan





