

General Project 19—Case Tractor Engine Project/Alvin Jeske

Retired minister and electrical engineer Alvin Jeske of Browerville, MN purchased a 1/16 scale ERTL Millenium Farm Classic Case Steam Traction model in November, 1999. The plastic and diecast metal model was nicely done, but Alvin felt he could remake the engine using machined metal parts so that it would both look better and would also operate on compressed air. Using a Sherline 4000 lathe and vertical milling column and some help from The Shop Wisdom of Rudy Kouhoupt book, he completed the job over a period of about six months. All parts were made from aluminum, brass, bronze, steel and a piece of radar waveguide. The completed engine replaced the ERTL non-functioning engine in the tractor model which acts as a very nice display for his engine project.

