

TOUGH JOBS

A **GROSCHOPP**® CASE STUDY



Professional Woodworking Tool



Groschopp's capabilities go beyond just designing and manufacturing motors. Part of what sets them apart is their ability to create custom integrated solutions and assemble them in the Groschopp facility. For some customers, this saves time and money.

That was the case for a manufacturer of pocket hole joiner tools. Groschopp not only engineered a custom universal motor—including a specialized gear assembly, hobbed shaft, and custom bearings and pinions—but also found a plastic housing vendor and assembled all the components of the tool in the Groschopp manufacturing facility for the customer.

Groschopp follows strict manufacturing and productions standards; and is ISO9001:2015 certified, so the quality is guaranteed.

CHALLENGES:

- ⚙️ Design a gear motor for inclusion in the pocket hole plastic tool housings
- 🔍 Locate and qualify a vendor for plastic parts
- ⚙️ Assemble all components of pocket tool motor module
- ⊗ Assume responsibility for all quality-related issues

SOLUTION:

- ⚙️ Custom universal motor part set
- 🔍 Found and qualified vendors for plastic housing and other components
- ⚙️ Set quality production protocols for product assembly

