

The objective was to redesign the Dremel 300 to an updated look and to function better.

Problems with the previous design were:

- A purely function based shape making holding difficult.
- Poor ventilation which shortened the lifespan of the Dremel.

To overcome the problem of the body shape, the Dremel was made smaller in the grip area to allow for the hand to get a better hold on the Dremel and provide increased control.

Vents were built into the Ribs which allows for both structural support and better air flow.

A secondary fan was added along with reversing the direction of both fans to exhaust out the front to clear dust and to keep the tool cool.

