

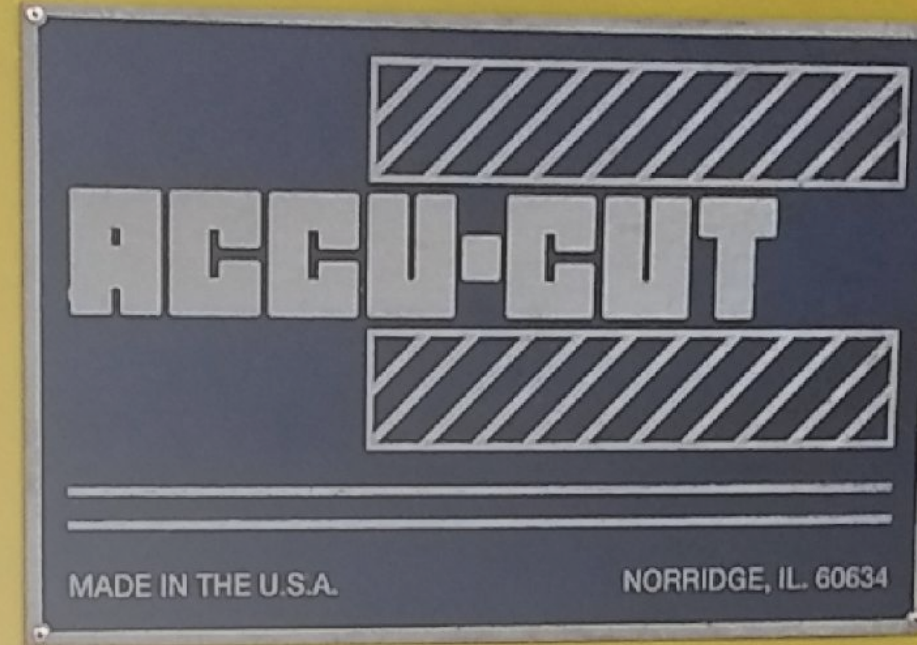
# AutoHone



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## Project Description:

The goal of this project is to upgrade a honing (controlled, abrasive surface grinding) machine for Carter Manufacturing so that it can run unattended. The machine must precisely hone the inner diameter of the yoke roller studs and do so more efficiently than the current process. The machine needs tooling to hold the parts and hones (tool which perform the honing), and we hope to create an automated loading and unloading mechanism as well. Automating this machine would allow the operator to set it up, press go, and come back when it runs out of parts. The leadership at Carter does not believe in cutting employees in order to cut costs; however they do want to empower their employees to become more efficient. This project would enable the operator to be more productive by working on other things at the same time as running this machine.



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