



Teaching a CNC to Loop



Problem

Modern CNCs come are equipped with MBs of program storage (cometimes they have GBs). The problem for Prestige Mode of Rancho Cucamonga, CA was, they had a number of VMCs that were far from "modern". While very reliable and accurate, Prestige Molds collection of Fadal VMCs had very limited memory. Being a mold maker, Prestige had some very large NC files. They had been successfully drip feeding their Fadals via there Predator DNC system, they needed to simplify the process of queing up the NC files when they had to run the same NC file multiple times. On second and weekend shifts, Prestige had operators who were not as experienced as there first shift operators and they were having issues because each time that they ran the NC files, they had to que it up again.

Assesment

The underlying problem for Prestige Molds was that each Frop Feed file was being loaded individually. In their ideal situation, the operators would not need to do anything other then load the work piece and hit Cycle Start.

Solution

Standard manufacturing facilities are raelly friendly to any piece of electronics and bar code readers are no exception. Hardened readers are available but are dramatically more expensive then standard units. Depending on the harshness of your facility, periodically replacing standard.

Summary

For more information visit our web site at www.shopfloorautomations.com or call us at (619)461-4000.