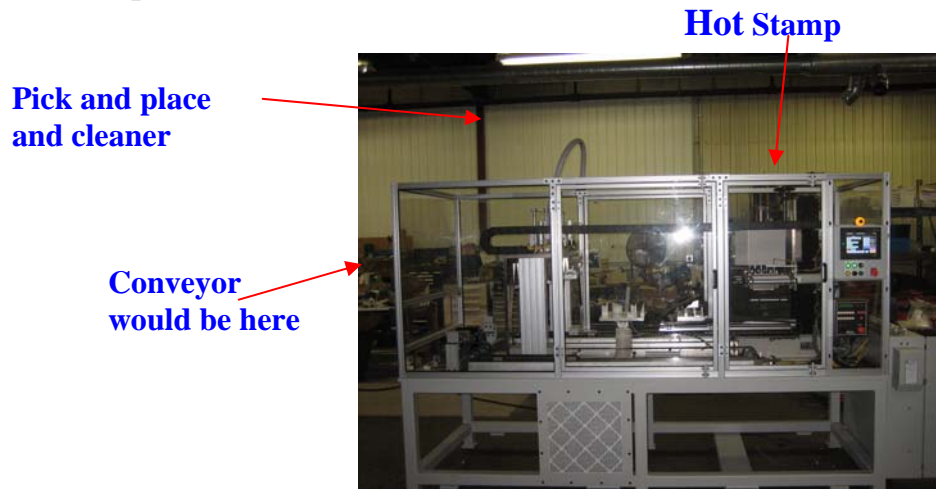


## Hot Stamp Machine Automated Hot Stamp System

This machine hot stamps a part straight out of the mold. When operating this machine the molding robot places 2 fresh parts out of the mold into the machine. After loading, the robot signals the machine to run. The hot stamp runs the first part in for stamping, stamps, then runs it back out where a pick and place picks the part, cleans it, and runs it to a conveyor to transport it to the next operation.



Once the first part is clean and dropped on the conveyor, the pick and place picks the second part and places it on the hot stamp for stamping. Once done, the pick and place picks, cleans, and drops the part on the conveyor and awaits the next cycle.

This machine also has an air knife to clean the part, a vacuum system to remove cleaned particulates, and sensors to sense both parts on the fixtures, both parts on the conveyor, and to insure the stamp adhered properly to the part.

