

Automated Hot Stamp System *DECOR-2 Hot Stamp Machine*

General Description

When operating this machine, the molding robot places two freshly molded parts into the machine. After loading, the robot signals the machine to run. The hot stamp runs the first part in, stamps, and runs it back out. A pick and place picks up the part, cleans it, and runs it to a conveyor. Finally, the part is transported to the next operation.

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

This machine includes: 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.

