

# SHELL MANAGEMENT SUPERVISORY SYSTEM



## DESCRIPTION

**At loading point:** Using a barcode scanner, the operator will enter the part number/recipe at the mini console when a cluster is loaded into the system.

**Supervisory Computer:** Will automatically select the proper program for a certain part which appears at the pickup point of the conveyor transfer station. If the part is not yet dry or if an empty hanger is there, the computer will index the conveyor at high speed to the next hanger ready to be dipped.

The recipe is the manufacturing instruction on how to build a ceramic shell for a certain part. The system can be configured for single or multiple robots and conveyor lines.

**At unloading point:** When a hanger with finished dipped molds appears at the unloading point, a light will flash. Once removed from the conveyor, the operator presses the acknowledgement button to erase the parts from the computer. At that moment a dipping report is generated.

