

# PART TRACEABILITY

As the molds enter or leave the cell, it is important to record the associated traceability data. Shell-O-Matic can completely adapt the system to customer needs.

For each mold, the system can record:

- » Part number
- » Number of coats performed on the mold
- » Program number used on each coat
- » Minimum drying time of each coat
- » Date when the part entered the cell
- » Dip start time
- » Temperature and R.H. in the drying environment for each coat
- » Real (actual) drying time
- » Slurry tank (and slurry parameters) used for each dip
- » Sander (and sand parameters) used for each dip

Plus any other parameters the customer chooses to record.

## BAR CODE SCANNER

The system is equipped with a bar code scanner to automatically pick up the part number/job number/work order/etc. (depending on how the customer manufacturing system is set up).

## RFID SYSTEM

Tags are placed on each part and the antennas, at various pickup and drop points of the robot in the cell, allowing for real-time tracking of the mold shell-making process, no matter what happens. The RFID system is the best way to avoid all possibility of errors as a part may leave the cell process for manual rework or an unexpected event.

