

Visi-Trak[®]
SENSE, MONITOR, CONTROL

High-Q-Cast[®]

HIGH-PRESSURE, LOW POROSITY ALUMINUM DIE-CASTING

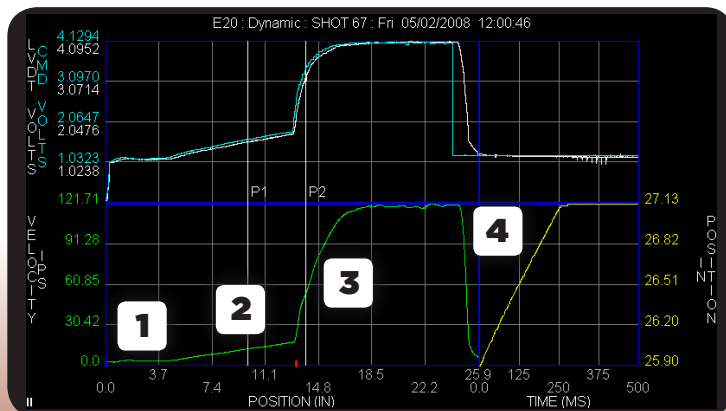
A COMPREHENSIVE SYSTEM
FOR ALUMINUM DIE-CASTING.

Automotive structural components, traditionally the domain of wrought steel or welded sheet steel, have been targeted for replacement with weldable and heat-treatable aluminum high pressure die castings.

ALUMINUM VACUUM CASTING

- **High Margin** light-weight automotive structural components.
- **Minimize gas entrapment** to less than 0.5%
- **Precision Control** over every aspect of velocity & pressure.
- **Low impact** means less flash & fewer production delays.
- **Amazing Ductility** and strength with custom alloys.
- **Heat treating** & welding with no blistering or deformation.

HIGH-PRESSURE - LOW POROSITY VACUUM ASSISTED CASTING FOR ALUMINUM STRUCTURAL PARTS



- 1 Creep Speed**
for pour hole cover
- 2 Precision Acceleration**
for sleeve and runner fill
- 3 Vacuum Assistance**
and high-pressure fill
- 4 Rapid deceleration**
for less flash & wear