

Visi-Trak®
SENSE, MONITOR, CONTROL

Sure-Trak2™

DIE CASTING SHOT CONTROL SYSTEM

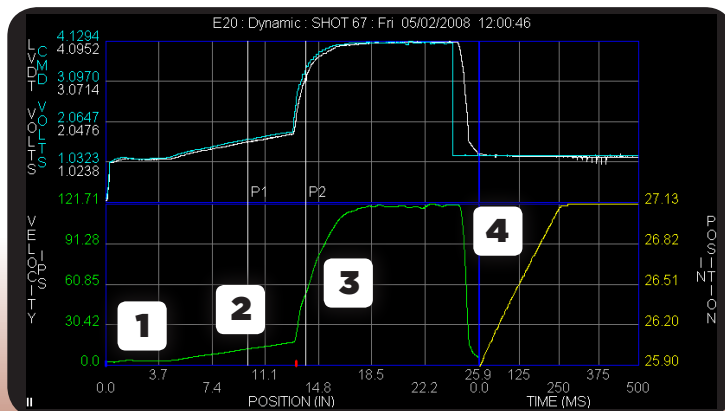
SURE-TRAK2 DELIVERS
REAL-TIME CONTROL OF SHOT
VELOCITY & PRESSURE.

Run even the most challenging injection profiles with relentless repeatability. Thin walled castings; complex shapes; alternate processes like semi-solid, squeeze or high vacuum casting structural components, Sure-Trak2 has it under control.

CONTROL SYSTEMS

- **Reduce Costs** & create consistent, high-quality castings.
- **Minimize air entrapment** & reduce scrap.
- **Precision Control** over every aspect of velocity & pressure.
- **Low impact** means less flash & fewer production delays.
- **Relentless repeatability** increases efficiency by 15% or more!
- **Save & recall** recipes to reduce set-up time by 70%.

DYNAMICALLY ADJUSTABLE PRECISION SHOT CONTROL EVEN UNDER CHANGING CONDITIONS



- 1 Creep Speed**
for pour hole cover
- 2 Constant Acceleration**
for sleeve and runner fill
- 3 Rapid acceleration**
for cavity fill
- 4 Rapid deceleration**
for low impact

CUSTOMER SPOTLIGHT

DIAMOND CASTING

AND MACHINE COMPANY

GOALS

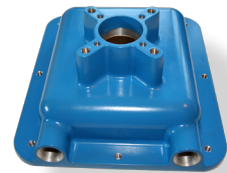
- **COMPLEX CASTINGS**
with precision control
- **LOW POROSITY**
pressure tight & explosion
proof products

INSTALLATION

12 MACHINE CELLS
with Sure-Trak2™ control

RESULTS

- **CASTING COMPLEXITY**
and quality achieved
- **SUPERIOR SURFACE FINISH**
for painted parts



PRECISION DIE CAST SHOT CONTROL

SURE-TRAK2™

“We could not make the castings we are making today without the flexibility and performance that our Sure-Trak2™ shot controls provide. **At Diamond Casting, we have a Sure-Trak2™ on every machine.**”



GERRY LETENDRE

President

Diamond Casting and Machine
Company, Hollis, NH