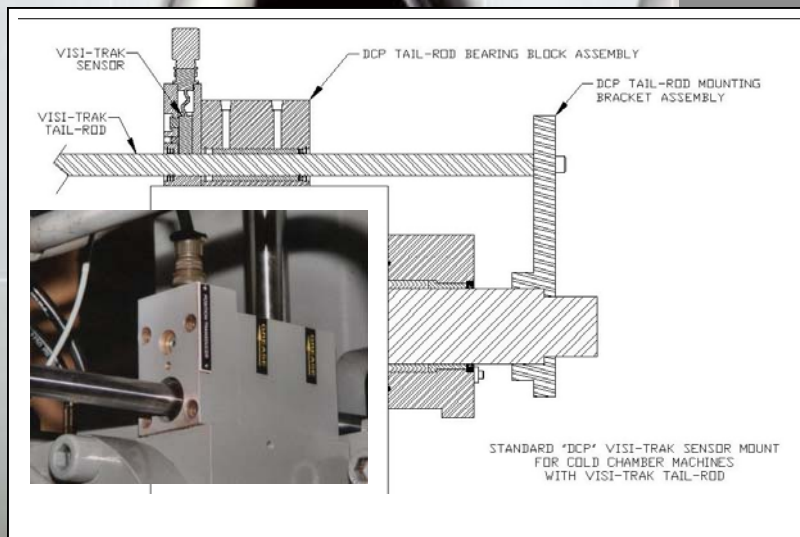




# Visi-Trak Sensors

LINEAR POSITION & VELOCITY BI-DIRECTIONAL TRANSDUCERS

## TAIL ROD ASSEMBLY



There's no "free lunch" when it comes to a robust velocity sensor for your die casting shot-end. Good design and rugged construction means robustness. Anything less is a waste of time and money.

### Good Design

Tail rod mounting bracket: must be rigid and mount securely to the shot cylinder piston rod.

Tail Rod Bearing Block Assembly: provides substantial bearing surface to bear the load of the rod – wiper rings on both ends to prevent grease and flash buildup.

Bronze Visi-Trak Sensor Mounting Block: mounts out of harm's way, and orients the bi-directional transducer to the rod for long life – non-contacting.

The Visi-Trak Sensor is the standard for die casting shot-end velocity measurement. Its digital output can measure any stroke length, provides position based sensing – the faster you go the faster it updates. The Visi-Trak Sensor has a proven ability to operate in a robust manner in high temperatures and adverse conditions. The signal is highly noise immune, and Analog Position or Analog Velocity outputs are available as an option.

For the all digital solution to process monitoring and closed loop shot control, the signal is directly accepted by Visi-Trak's True-Trak 2020™ Monitoring Systems and Sure-Trak2™ Shot Control Systems.

### **Visi-Trak Worldwide, LLC**

8400 Sweet Valley Drive, Suite 406  
Valley View, Ohio USA 44125  
Tele: 216 524-2363 Fax: 216 524-9594  
Email: sales@visi-trakworldwide.com