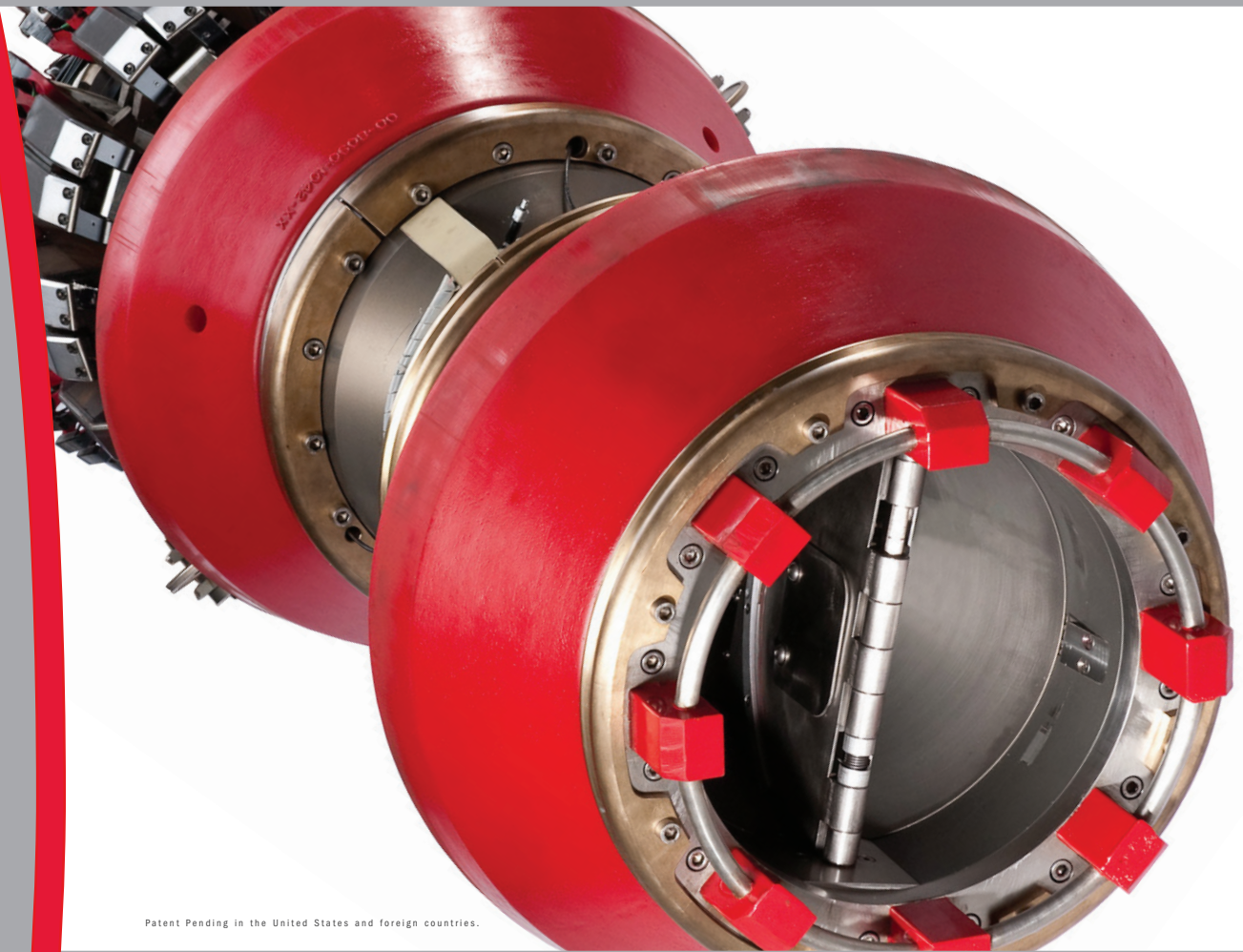


# ILI Active Speed Control



Patent Pending in the United States and foreign countries.

## Gathering good inspection data means watching the speedometer.

Data quality can suffer when an inspection tool moves too quickly through a line. High velocity gas lines, for example, can flow so rapidly that accurate magnetic flux leakage (MFL) metal loss inspections become impossible. The solution: add an active speed control drive section to the inspection tool.

Active speed control is specifically designed to be paired with MFL inspection technology for use in high velocity gas lines. In fact, our large-diameter GMFL tools were designed to facilitate the addition of a speed control unit. XYZ Mapping and Deformation (DEF) capabilities may also be added to provide multiple data sets from multiple technologies in the same inspection run.

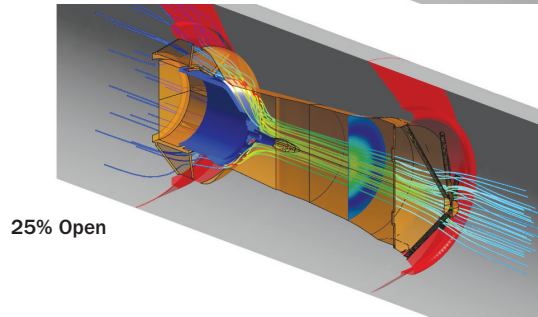
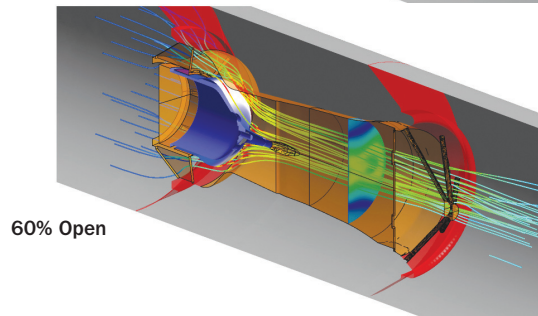
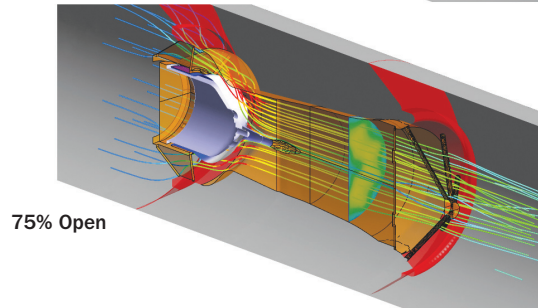
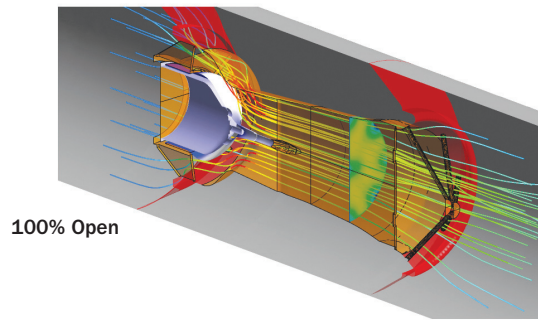
For more information call **1.801.281.2226** or visit [www.tdwilliamson.com](http://www.tdwilliamson.com).



**TDW Services, Inc.**

## Speed Control Drive Section Principle of Operation

The active speed control module is a patent-pending design that actively bypasses gas through the drive section. This bypass reduces the tool's velocity to a level appropriate for collection of accurate inspection data. The amount of bypass is actively modulated to keep the tool within a desired speed range. There is little or no impact on the actual gas flow rate, so overall pipeline throughput is unaffected even as data collection is optimized.



**TDW Services, Inc.**  
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