

# HYDRAULIC SOLUTIONS

## OVERVIEW

American Sensor Technologies now has the capabilities to provide pressure sensing products for your hydraulic system. AST has committed to understanding the environmental conditions and fluid dynamics of hydraulic applications to create a sensor that will meet and exceed customer expectations. Contact AST today in order to discuss our hydraulic pressure sensing solutions.

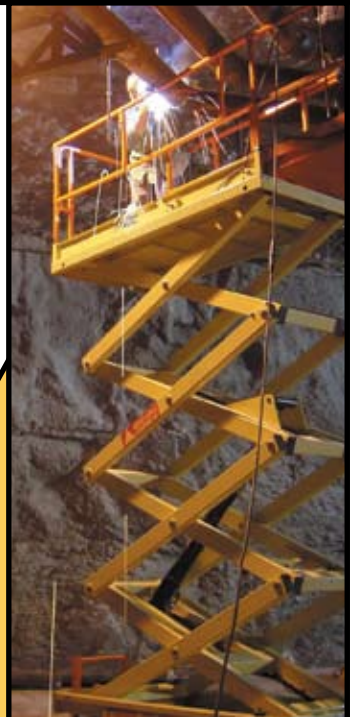
## APPLICATIONS

- Hydraulic Lifts and Booms
- Pumps and Accumulators
- Valve Controls
- Railway Equipment
- Cartridge Valves
- Trash Compactors
- Test Stands



## BENEFITS

- High proof and burst pressure ratings due to one-piece stainless steel design
- High cycle life (> 100 million pressure cycles)
- Sealed housing protects against environmental conditions such as:
  - rain, ice and high pressure wash down
- Unique internal restrictor offers fast response time while snubbing large pressure transients
- High level of EMC protection (100V/m)
- Wide operating temperature range [both ambient and media]
- High electrical isolation up to 1,000VDC



[www.astsensors.com](http://www.astsensors.com)

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