

DESIGN

Tool Attributes

Odometer Channels	2
Odometer Resolution	0.100 in (2.54 mm)
Data Storage	Flash Data Storage, expandable
Inertial Mapping	GIS/GPS Mapping & Geospatial Reporting

DATA SETS (# Sensors) OPERATIONAL

Caliper	36	Max. Pressure	1875 psi (12928 kPa)
Sensor Spacing	≤1.5"(38.1 mm) in 0.25" (6.35 mm) WT	Temp. Range	32 to 170 °F (0 to 77 °C)
Gyros	3	Velocity	≈ 0.1 to 10 mph (0.04 to 4.5 m/s)
Accelerometers	3	Required Differential Pressure	5 to 20 psi (34 to 138 kPa)

IMU SPECIFICATIONS @ 3 to 8 mph (1.3 to 3.6 m/s) DIMENSIONS

Gyros	Accelerometers	Length	65 in (1651 mm)
Latitude	±1 m, 1 σ	Weight	974 lb (442 kg)
Longitude	±1 m, 1 σ	TOOL RANGE @ 3 mph (1.3 m/s)	
Elevation	±1 m, 1 σ	* Run Time	115 hours

Additional information available upon request

PIPELINE GEOMETRY REQUIREMENTS

Minimum Local Bore	25% of pipe O.D.
Min. Bend Radius	1.5D
Min. Bend Separation	Capable of back to back bends

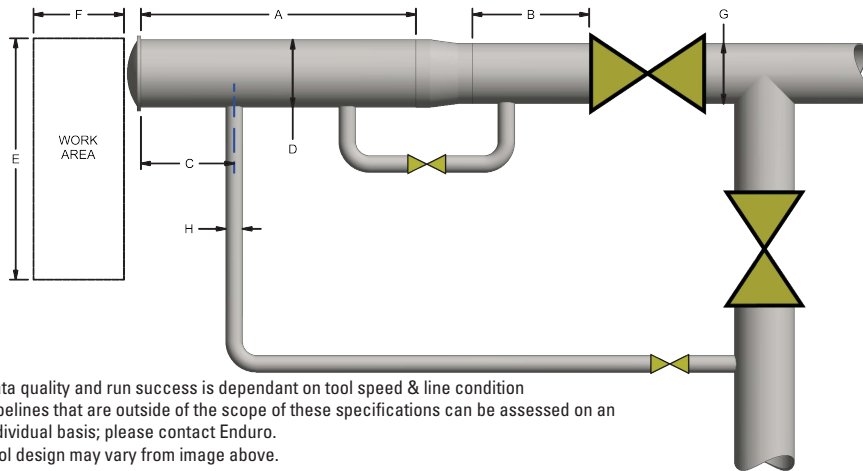
REPORTING in (mm)

Dent/Ovality Sizing

Dent Depth Sizing	± 0.5% of Pipe O.D.
Dent Length Sizing	±10% of pipe O.D.
Ovality Depth Sizing	± 1% of Pipe O.D.

SUGGESTED MINIMUM TRAP DIMENSIONS in (mm)

Traps	A	B	C	D	E	F	G	H
Launcher	76 (1930)	32 (813)	18 (457)	38 (965)	84 (2134)	136 (3454)	36 (914)	10 (254)
Receiver	76 (1930)	76 (1930)	18 (457)	38 (965)	84 (2134)	136 (3454)	36 (914)	10 (254)



Notes:

- Data quality and run success is dependant on tool speed & line condition
- Pipelines that are outside of the scope of these specifications can be assessed on an individual basis; please contact Enduro.
- Tool design may vary from image above.

* Increased run time available with additional battery packs

Data is subject to change without notice | 36" DdL 0002-4B-26127 Rev 7 - 0002-19-20417 Rev 4

Bend Measurement

Angle Accuracy	± 2 degrees
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Location Accuracy

Feature to Upstream Girth Weld	± 1.00 (25)
Feature to Upstream Marker	± 60.00 (1524)
Feature Orientation	± 15 degrees

Notes

36 inch

